Мост диодный +375447584780 viber **email minsk17@tut.by**
www.fotorele.net www.tiristor.by радиодетали, электронные компоненты
tel.+375 29 758 47 80 мтс

каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото , мост, выпрямитель, трёхфазный, трехфазный, однофаазный, даташит

	QR код

Выпрямитель, Минск

ДИОДНЫЙ МОСТ ОДНОФАЗНЫЙ

ДИОДНЫЙ МОСТ ТРЁХФАЗНЫЙ

ТРЕХФАЗНЫЙ

Электронные компоненты, радиодетали

где и как купить в Минске?

Micro Commercial Components

Product Catalog 2019

Diodes

Transistors

ESD and Power TVS

MOSFETs

Voltage Regulators

Package

Contents

Diodes 3

Zener Diodes *4*
Pin Diodes *48*
Bridge Rectifiers *49*
Standard Recovery Rectifiers *65*
Fast Recovery Rectifiers *72*
High Voltage Fast Recovery Rectifiers *76*
High Efficient Rectifiers *77*
Super Fast Recovery Rectifiers *79*
Small Signal Schottky Diodes *87*
Schottky Barrier Rectifiers *89*
Switching Diodes *105*

Transistors 109

Small Signal Bipolar Transistors *110*
Medium Power Bipolar Transistors *118*
Pre-biased Transistors *130*

ESD and Power TVS 135

TVS *136*
ESD Protection Devices *167*

MOSFETs 173

MOSFETs *174*

Voltage Regulators 179

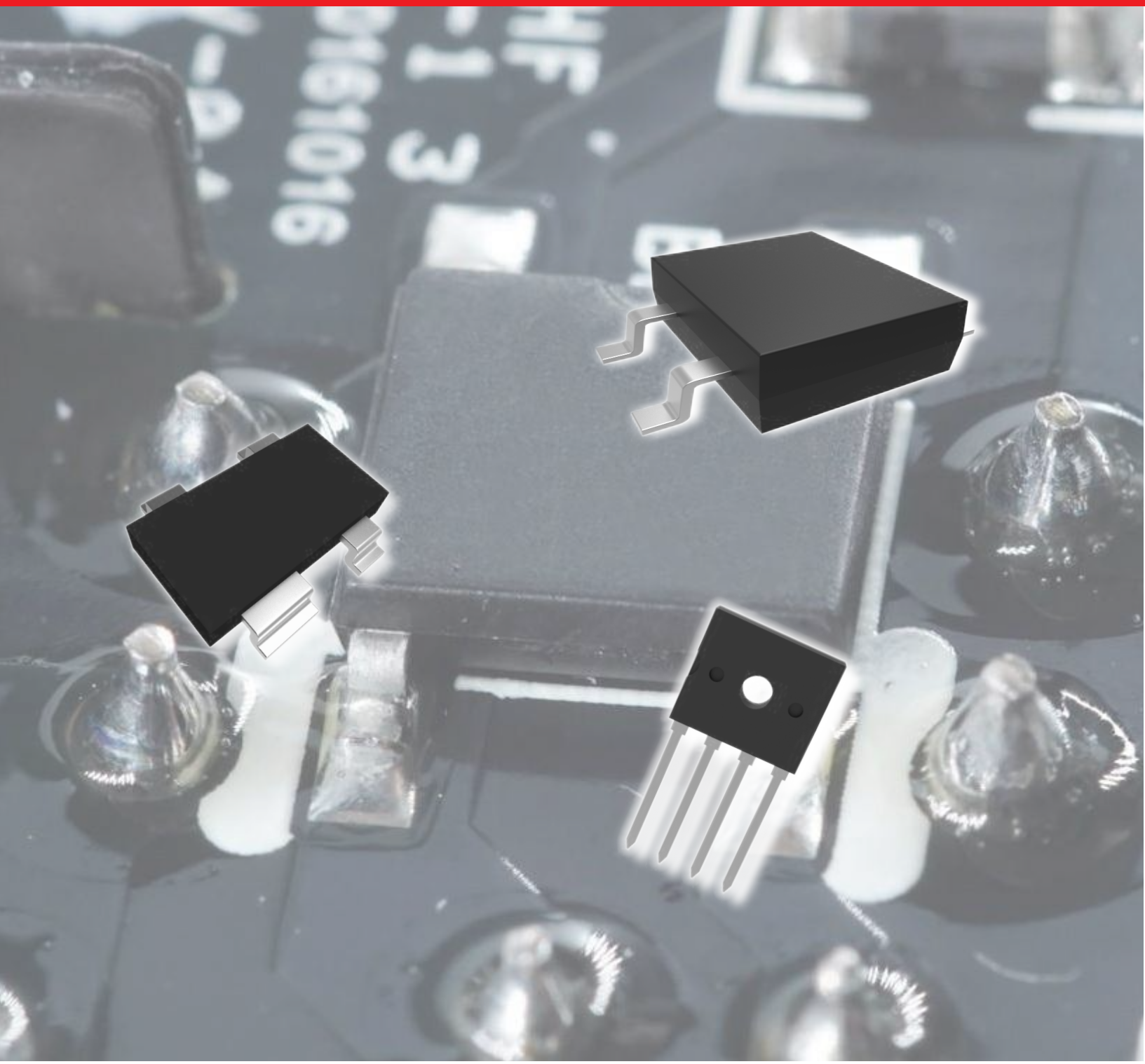
Voltage Regulators *180*

Package 182

Package Size *182*
Package Outline *192*

Diodes

* Wide range of zeners
* Schottky and switching diodes
* Standard/fast recovery rectifiers
* Power bridges



Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52C2V4L3P	DFN1006-2L	0.1	0.05	1	2.4	5	100	600	1
BZT52C2V7L3P	DFN1006-2L	0.1	0.02	1	2.7	5	100	600	1
BZT52C3V0L3P	DFN1006-2L	0.1	0.01	1	3	5	95	600	1
BZT52C3V3L3P	DFN1006-2L	0.1	0.005	1	3.3	5	95	600	1
BZT52C3V6L3P	DFN1006-2L	0.1	0.005	1	3.6	5	90	600	1
BZT52C3V9L3P	DFN1006-2L	0.1	0.003	1	3.9	5	90	600	1
BZT52C4V3L3P	DFN1006-2L	0.1	0.003	1	4.3	5	90	600	1
BZT52C4V7L3P	DFN1006-2L	0.1	0.003	2	4.7	5	80	500	1
BZT52C5V1L3P	DFN1006-2L	0.1	0.002	2	5.1	5	60	480	1
BZT52C5V6L3P	DFN1006-2L	0.1	0.001	2	5.6	5	40	400	1
BZT52C6V2L3P	DFN1006-2L	0.1	0.003	4	6.2	5	10	150	1
BZT52C6V8L3P	DFN1006-2L	0.1	0.002	4	6.8	5	15	80	1
BZT52C7V5L3P	DFN1006-2L	0.1	0.001	5	7.5	5	15	80	1
BZT52C8V2L3P	DFN1006-2L	0.1	0.0007	5	8.2	5	15	80	1
BZT52C9V1L3P	DFN1006-2L	0.1	0.0005	6	9.1	5	15	100	1
BZT52C10L3P	DFN1006-2L	0.1	0.0002	7	10	5	20	150	1
BZT52C11L3P	DFN1006-2L	0.1	0.0001	8	11	5	20	150	1
BZT52C12L3P	DFN1006-2L	0.1	0.0001	8	12	5	25	150	1
BZT52C13L3P	DFN1006-2L	0.1	0.0001	8	13	5	30	170	1
BZT52C15L3P	DFN1006-2L	0.1	0.0001	10.5	15	5	30	200	1
BZT52C16L3P	DFN1006-2L	0.1	0.0001	11.2	16	5	40	200	1
BZT52C18L3P	DFN1006-2L	0.1	0.0001	12.6	18	5	45	225	1
BZT52C20L3P	DFN1006-2L	0.1	0.0001	14	20	5	55	225	1
BZT52C22L3P	DFN1006-2L	0.1	0.0001	15.4	22	5	55	250	1
BZT52C24L3P	DFN1006-2L	0.1	0.0001	16.8	24	5	70	250	1
BZT52C36L3P	DFN1006-2L	0.1	0.0001	25.2	36	2	90	350	0.5
BZT52C39L3P	DFN1006-2L	0.1	0.0001	27.3	39	2	130	350	0.5
BZT52C6V2LP	SOD-882	0.1	0.003	4	6.2	5	10	150	1
BZT52C6V8LP	SOD-882	0.1	0.002	4	6.8	5	15	80	1
BZT52C7V5LP	SOD-882	0.1	0.001	5	7.5	5	15	80	1
BZT52C8V2LP	SOD-882	0.1	0.0007	5	8.2	5	15	80	1
BZT52C9V1LP	SOD-882	0.1	0.0005	6	9.1	5	15	100	1
BZT52C10LP	SOD-882	0.1	0.0002	7	10	5	20	150	1
BZT52C11LP	SOD-882	0.1	0.0001	8	11	5	20	150	1
BZT52C12LP	SOD-882	0.1	0.0001	8	12	5	25	150	1
BZT52C13LP	SOD-882	0.1	0.0001	8	13	5	30	170	1
BZT52C15LP	SOD-882	0.1	0.0001	10.5	15	5	30	200	1
BZT52C16LP	SOD-882	0.1	0.0001	11.2	16	5	40	200	1
BZT52C18LP	SOD-882	0.1	0.0001	12.6	18	5	45	225	1
BZT52C20LP	SOD-882	0.1	0.0001	14	20	5	55	225	1
BZT52C22LP	SOD-882	0.1	0.0001	15.4	22	5	55	250	1
BZT52C24LP	SOD-882	0.1	0.0001	16.8	24	5	70	250	1
BZT52C36LP	SOD-882	0.1	0.0001	25.2	36	2	90	350	0.5
BZT52C39LP	SOD-882	0.1	0.0001	27.3	39	2	130	350	0.5

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZX784C2V4	SOD-723	0.15	0.05	1	2.4	1	100	600	1
BZX784C2V7	SOD-723	0.15	0.02	1	2.7	1	100	600	1
BZX784C3V0	SOD-723	0.15	0.01	1	3	1	95	600	1
BZX784C3V3	SOD-723	0.15	0.005	1	3.3	1	95	600	1
BZX784C3V6	SOD-723	0.15	0.005	1	3.6	1	90	600	1
BZX784C3V9	SOD-723	0.15	0.003	1	3.9	1	90	600	1
BZX784C4V3	SOD-723	0.15	0.003	1	4.3	1	90	600	1
BZX784C4V7	SOD-723	0.15	0.003	2	4.7	1	80	500	1
BZX784C5V1	SOD-723	0.15	0.002	2	5.1	1	60	480	1
BZX784C5V6	SOD-723	0.15	0.001	2	5.6	1	40	400	1
BZX784C6V2	SOD-723	0.15	0.003	4	6.2	1	10	150	1
BZX784C6V8	SOD-723	0.15	0.002	4	6.8	1	15	80	1
BZX784C7V5	SOD-723	0.15	0.001	5	7.5	1	15	80	1
BZX784C8V2	SOD-723	0.15	0.0007	5	8.2	1	15	80	1
BZX784C9V1	SOD-723	0.15	0.0005	6	9.1	1	15	100	1
BZX784C10	SOD-723	0.15	0.0002	7	10	1	20	150	1
BZX784C11	SOD-723	0.15	0.0001	8	11	1	20	150	1
BZX784C12	SOD-723	0.15	0.0001	8	12	1	25	150	1
BZX784C13	SOD-723	0.15	0.0001	8	13	1	30	170	1
BZX784C15	SOD-723	0.15	0.0001	10.5	15	1	30	200	1
BZX784C16	SOD-723	0.15	0.0001	11.2	16	1	40	200	1
BZX784C18	SOD-723	0.15	0.0001	12.6	18	1	45	225	1
BZX784C20	SOD-723	0.15	0.0001	14	20	1	55	225	1
BZX784C22	SOD-723	0.15	0.0001	15.4	22	1	55	250	1
BZX784C24	SOD-723	0.15	0.0001	16.8	24	1	70	250	1
BZX784C27	SOD-723	0.15	0.0001	18.9	27	0.5	80	300	0.5
BZX784C30	SOD-723	0.15	0.0001	21	30	0.5	80	300	0.5
BZX784C33	SOD-723	0.15	0.0001	23.1	33	0.5	80	325	0.5
BZX784C36	SOD-723	0.15	0.0001	25.2	36	0.5	90	350	0.5
BZX784C39	SOD-723	0.15	0.0001	27.3	39	0.5	130	350	0.5
BZX584B5V1	SOD-523	0.15	0.002	2	5.1	5	60	480	1
BZX584B5V6	SOD-523	0.15	0.001	2	5.6	5	40	400	1
BZX584B6V2	SOD-523	0.15	0.003	4	6.2	5	10	150	1
BZX584B6V8	SOD-523	0.15	0.002	4	6.8	5	15	80	1
BZX584B7V5	SOD-523	0.15	0.001	5	7.5	5	15	80	1
BZX584B8V2	SOD-523	0.15	0.0007	5	8.2	5	15	80	1
BZX584B9V1	SOD-523	0.15	0.0005	6	9.1	5	15	100	1
BZX584B10	SOD-523	0.15	0.0002	7	10	5	20	150	1
BZX584B11	SOD-523	0.15	0.0001	8	11	5	20	150	1
BZX584B12	SOD-523	0.15	0.0001	8	12	5	25	150	1
BZX584B13	SOD-523	0.15	0.0001	8	13	5	30	170	1
BZX584B15	SOD-523	0.15	0.0001	10.5	15	5	30	200	1
BZX584B16	SOD-523	0.15	0.0001	11.2	16	5	40	200	1
BZX584B18	SOD-523	0.15	0.0001	12.6	18	5	45	225	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZX584B20	SOD-523	0.15	0.0001	14	20	5	55	225	1
BZX584C2V4	SOD-523	0.15	0.05	1	2.4	5	100	600	1
BZX584C2V7	SOD-523	0.15	0.02	1	2.7	5	100	600	1
BZX584C3V0	SOD-523	0.15	0.01	1	3	5	95	600	1
BZX584C3V3	SOD-523	0.15	0.005	1	3.3	5	95	600	1
BZX584C3V6	SOD-523	0.15	0.005	1	3.6	5	90	600	1
BZX584C3V9	SOD-523	0.15	0.003	1	3.9	5	90	600	1
BZX584C4V3	SOD-523	0.15	0.003	1	4.3	5	90	600	1
BZX584C4V7	SOD-523	0.15	0.003	2	4.7	5	80	500	1
BZX584C5V1	SOD-523	0.15	0.002	2	5.1	5	60	480	1
BZX584C5V6	SOD-523	0.15	0.001	2	5.6	5	40	400	1
BZX584C6V2	SOD-523	0.15	0.003	4	6.2	5	10	150	1
BZX584C6V8	SOD-523	0.15	0.002	4	6.8	5	15	80	1
BZX584C7V5	SOD-523	0.15	0.001	5	7.5	5	15	80	1
BZX584C8V2	SOD-523	0.15	0.0007	5	8.2	5	15	80	1
BZX584C9V1	SOD-523	0.15	0.0005	6	9.1	5	15	100	1
BZX584C10	SOD-523	0.15	0.0002	7	10	5	20	150	1
BZX584C11	SOD-523	0.15	0.0001	8	11	5	20	150	1
BZX584C12	SOD-523	0.15	0.0001	8	12	5	25	150	1
BZX584C13	SOD-523	0.15	0.0001	8	13	5	30	170	1
BZX584C15	SOD-523	0.15	0.0001	10.5	15	5	30	200	1
BZX584C16	SOD-523	0.15	0.0001	11.2	16	5	40	200	1
BZX584C18	SOD-523	0.15	0.0001	12.6	18	5	45	225	1
BZX584C20	SOD-523	0.15	0.0001	14	20	5	55	225	1
BZX584C22	SOD-523	0.15	0.0001	15.4	22	5	55	250	1
BZX584C24	SOD-523	0.15	0.0001	16.8	24	5	70	250	1
BZX584C27	SOD-523	0.15	0.0001	18.9	27	2	80	300	0.5
BZX584C30	SOD-523	0.15	0.0001	21	30	2	80	300	0.5
BZX584C33	SOD-523	0.15	0.0001	23.1	33	2	80	325	0.5
BZX584C36	SOD-523	0.15	0.0001	25.2	36	2	90	350	0.5
BZX584C39	SOD-523	0.15	0.0001	27.3	39	2	130	350	0.5
BZT52B2V4T	SOD-523	0.2	0.05	1	2.4	5	100	600	1
BZT52B2V7T	SOD-523	0.2	0.02	1	2.7	5	100	600	1
BZT52B3V0T	SOD-523	0.2	0.01	1	3	5	95	600	1
BZT52B3V3T	SOD-523	0.2	0.005	1	3.3	5	95	600	1
BZT52B3V6T	SOD-523	0.2	0.005	1	3.6	5	90	600	1
BZT52B3V9T	SOD-523	0.2	0.003	1	3.9	5	90	600	1
BZT52B4V3T	SOD-523	0.2	0.003	1	4.3	5	90	600	1
BZT52B4V7T	SOD-523	0.2	0.003	2	4.7	5	80	500	1
BZT52B5V1T	SOD-523	0.2	0.002	2	5.1	5	60	480	1
BZT52B5V6T	SOD-523	0.2	0.001	2	5.6	5	40	400	1
BZT52B6V2T	SOD-523	0.2	0.003	4	6.2	5	10	150	1
BZT52B6V8T	SOD-523	0.2	0.002	4	6.8	5	15	80	1
BZT52B7V5T	SOD-523	0.2	0.001	5	7.5	5	15	80	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52B8V2T	SOD-523	0.2	0.0007	5	8.2	5	15	80	1
BZT52B9V1T	SOD-523	0.2	0.0005	6	9.1	5	15	100	1
BZT52B10T	SOD-523	0.2	0.0002	7	10	5	20	150	1
BZT52B11T	SOD-523	0.2	0.0001	8	11	5	20	150	1
BZT52B12T	SOD-523	0.2	0.0001	8	12	5	25	150	1
BZT52B13T	SOD-523	0.2	0.0001	8	13	5	30	170	1
BZT52B15T	SOD-523	0.2	0.0001	10.5	15	5	30	200	1
BZT52B16T	SOD-523	0.2	0.0001	11.2	16	5	40	200	1
BZT52B18T	SOD-523	0.2	0.0001	12.6	18	5	45	225	1
BZT52B20T	SOD-523	0.2	0.0001	14	20	5	55	225	1
BZT52B22T	SOD-523	0.2	0.0001	15.4	22	5	55	250	1
BZT52B24T	SOD-523	0.2	0.0001	16.8	24	5	70	250	1
BZT52B27T	SOD-523	0.2	0.0001	18.9	27	2	80	300	0.5
BZT52B30T	SOD-523	0.2	0.0001	21	30	2	80	300	0.5
BZT52B33T	SOD-523	0.2	0.0001	23.1	33	2	80	325	0.5
BZT52B36T	SOD-523	0.2	0.0001	25.2	36	2	90	350	0.5
BZT52B39T	SOD-523	0.2	0.0001	27.3	39	2	130	350	0.5
BZT52C2V4T	SOD-523	0.2	0.05	1	2.4	5	100	600	1
BZT52C2V7T	SOD-523	0.2	0.02	1	2.7	5	100	600	1
BZT52C3V0T	SOD-523	0.2	0.01	1	3	5	95	600	1
BZT52C3V3T	SOD-523	0.2	0.005	1	3.3	5	95	600	1
BZT52C3V6T	SOD-523	0.2	0.005	1	3.6	5	90	600	1
BZT52C3V9T	SOD-523	0.2	0.003	1	3.9	5	90	600	1
BZT52C4V3T	SOD-523	0.2	0.003	1	4.3	5	90	600	1
BZT52C4V7T	SOD-523	0.2	0.003	2	4.7	5	80	500	1
BZT52C5V1T	SOD-523	0.2	0.002	2	5.1	5	60	480	1
BZT52C5V6T	SOD-523	0.2	0.001	2	5.6	5	40	400	1
BZT52C6V2T	SOD-523	0.2	0.003	4	6.2	5	10	150	1
BZT52C6V8T	SOD-523	0.2	0.002	4	6.8	5	15	80	1
BZT52C7V5T	SOD-523	0.2	0.001	5	7.5	5	15	80	1
BZT52C8V2T	SOD-523	0.2	0.0007	5	8.2	5	15	80	1
BZT52C9V1T	SOD-523	0.2	0.0005	6	9.1	5	15	100	1
BZT52C10T	SOD-523	0.2	0.0002	7	10	5	20	150	1
BZT52C11T	SOD-523	0.2	0.0001	8	11	5	20	150	1
BZT52C12T	SOD-523	0.2	0.0001	8	12	5	25	150	1
BZT52C13T	SOD-523	0.2	0.0001	8	13	5	30	170	1
BZT52C15T	SOD-523	0.2	0.0001	10.5	15	5	30	200	1
BZT52C16T	SOD-523	0.2	0.0001	11.2	16	5	40	200	1
BZT52C18T	SOD-523	0.2	0.0001	12.6	18	5	45	225	1
BZT52C20T	SOD-523	0.2	0.0001	14	20	5	55	225	1
BZT52C22T	SOD-523	0.2	0.0001	15.4	22	5	55	250	1
BZT52C24T	SOD-523	0.2	0.0001	16.8	24	5	70	250	1
BZT52C27T	SOD-523	0.2	0.0001	18.9	27	2	80	300	0.5
BZT52C30T	SOD-523	0.2	0.0001	21	30	2	80	300	0.5

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52C33T	SOD-523	0.2	0.0001	23.1	33	2	80	325	0.5
BZT52C36T	SOD-523	0.2	0.0001	25.2	36	2	90	350	0.5
BZT52C39T	SOD-523	0.2	0.0001	27.3	39	2	130	350	0.5
BZT52B3V0JS	SOD-323	0.2	0.009	1	3	5	89	564	1
BZT52B3V3JS	SOD-323	0.2	0.0045	1	3.3	5	89	564	1
BZT52B3V6JS	SOD-323	0.2	0.0045	1	3.6	5	84	564	1
BZT52B3V9JS	SOD-323	0.2	0.0027	1	3.9	5	84	564	1
BZT52B4V3JS	SOD-323	0.2	0.0027	1	4.3	5	84	564	1
BZT52B4V7JS	SOD-323	0.2	0.0027	2	4.7	5	75	564	1
BZT52B5V1JS	SOD-323	0.2	0.002	2	5.1	5	60	480	1
BZT52B5V6JS	SOD-323	0.2	0.001	2	5.6	5	40	400	1
BZT52B6V2JS	SOD-323	0.2	0.003	4	6.2	5	10	150	1
BZT52B6V8JS	SOD-323	0.2	0.002	4	6.8	5	15	141	1
BZT52B7V5JS	SOD-323	0.2	0.001	5	7.5	5	15	80	1
BZT52B8V2JS	SOD-323	0.2	0.0007	5	8.2	5	15	80	1
BZT52B9V1JS	SOD-323	0.2	0.0005	6	9.1	5	15	100	1
BZT52B10JS	SOD-323	0.2	0.0002	7	10	5	20	150	1
BZT52B11JS	SOD-323	0.2	0.0001	8	11	5	20	150	1
BZT52B12JS	SOD-323	0.2	0.0001	8	12	5	25	150	1
BZT52B13JS	SOD-323	0.2	0.0001	8	13	5	30	170	1
BZT52B15JS	SOD-323	0.2	0.0001	10.5	15	5	30	200	1
BZT52B16JS	SOD-323	0.2	0.0001	11.2	16	5	40	200	1
BZT52B18JS	SOD-323	0.2	0.0001	12.6	18	5	45	225	1
BZT52B20JS	SOD-323	0.2	0.0001	14	20	5	55	225	1
BZT52B22JS	SOD-323	0.2	0.000045	15.4	22	5	51	235	1
BZT52B24JS	SOD-323	0.2	0.000045	16.8	24	5	65	235	1
BZT52B27JS	SOD-323	0.2	0.000045	18.9	27	5	75	282	0.5
BZT52B30JS	SOD-323	0.2	0.000045	21	30	5	75	282	0.5
BZT52B33JS	SOD-323	0.2	0.000045	23	33	5	75	306	0.5
BZT52B36JS	SOD-323	0.2	0.000045	25.2	36	5	84	329	0.5
BZT52B39JS	SOD-323	0.2	0.000045	27.3	39	5	122	329	0.5
BZT52B43JS	SOD-323	0.2	0.000045	30.1	43	5	141	353	0.5
BZT52B47JS	SOD-323	0.2	0.000045	33	47	5	160	353	0.5
BZT52B51JS	SOD-323	0.2	0.000045	35.7	51	5	169	376	0.5
BZT52B56JS	SOD-323	0.2	0.0001	42	56	2.5	135	1000	1
BZT52B62JS	SOD-323	0.2	0.0001	46	62	2.5	150	1000	1
BZT52B68JS	SOD-323	0.2	0.0001	51	68	2.5	200	1000	1
BZT52B75JS	SOD-323	0.2	0.0001	56	75	2.5	250	1000	1
BZT52C2V4LS	SOD-323	0.2	0.05	1	2.4	5	100	600	1
BZT52C2V7LS	SOD-323	0.2	0.02	1	2.7	5	100	600	1
BZT52C3V0LS	SOD-323	0.2	0.01	1	3	5	95	600	1
BZT52C3V3LS	SOD-323	0.2	0.005	1	3.3	5	95	600	1
BZT52C3V6LS	SOD-323	0.2	0.005	1	3.6	5	90	600	1
BZT52C3V9LS	SOD-323	0.2	0.003	1	3.9	5	90	600	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52C4V3LS	SOD-323	0.2	0.003	1	4.3	5	90	600	1
BZT52C4V7LS	SOD-323	0.2	0.003	2	4.7	5	80	500	1
BZT52C5V1LS	SOD-323	0.2	0.002	2	5.1	5	60	480	1
BZT52C5V6LS	SOD-323	0.2	0.001	2	5.6	5	40	400	1
BZT52C6V2LS	SOD-323	0.2	0.003	4	6.2	5	10	150	1
BZT52C6V8LS	SOD-323	0.2	0.002	4	6.8	5	15	80	1
BZT52C7V5LS	SOD-323	0.2	0.001	5	7.5	5	15	80	1
BZT52C8V2LS	SOD-323	0.2	0.0007	5	8.2	5	15	80	1
BZT52C9V1LS	SOD-323	0.2	0.0005	6	9.1	5	15	100	1
BZT52C10LS	SOD-323	0.2	0.0002	7	10	5	20	150	1
BZT52C11LS	SOD-323	0.2	0.0001	8	11	5	20	150	1
BZT52C12LS	SOD-323	0.2	0.0001	8	12	5	25	150	1
BZT52C13LS	SOD-323	0.2	0.0001	8	13	5	30	170	1
BZT52C15LS	SOD-323	0.2	0.0001	10.5	15	5	30	200	1
BZT52C16LS	SOD-323	0.2	0.0001	11.2	16	5	40	200	1
BZT52C18LS	SOD-323	0.2	0.0001	12.6	18	5	45	225	1
BZT52C20LS	SOD-323	0.2	0.0001	14	20	5	55	225	1
BZT52C22LS	SOD-323	0.2	0.0001	15.4	22	5	55	250	1
BZT52C24LS	SOD-323	0.2	0.0001	16.8	24	5	70	250	1
BZT52C27LS	SOD-323	0.2	0.0001	18.9	27	2	80	300	0.5
BZT52C30LS	SOD-323	0.2	0.0001	21	30	2	80	300	0.5
BZT52C33LS	SOD-323	0.2	0.0001	23.1	33	2	80	325	0.5
BZT52C36LS	SOD-323	0.2	0.0001	25.2	36	2	90	350	0.5
BZT52C39LS	SOD-323	0.2	0.0001	27.3	39	2	130	350	0.5
BZT52C2V4S	SOD-323	0.2	0.05	1	2.4	5	100	600	1
BZT52C2V7S	SOD-323	0.2	0.02	1	2.7	5	100	600	1
BZT52C3V0S	SOD-323	0.2	0.01	1	3	5	95	600	1
BZT52C3V3S	SOD-323	0.2	0.005	1	3.3	5	95	600	1
BZT52C3V6S	SOD-323	0.2	0.005	1	3.6	5	90	600	1
BZT52C3V9S	SOD-323	0.2	0.003	1	3.9	5	90	600	1
BZT52C4V3S	SOD-323	0.2	0.003	1	4.3	5	90	600	1
BZT52C4V7S	SOD-323	0.2	0.003	2	4.7	5	80	500	1
BZT52C5V1S	SOD-323	0.2	0.002	2	5.1	5	60	480	1
BZT52C5V6S	SOD-323	0.2	0.001	2	5.6	5	40	400	1
BZT52C6V2S	SOD-323	0.2	0.003	4	6.2	5	10	150	1
BZT52C6V8S	SOD-323	0.2	0.002	4	6.8	5	15	80	1
BZT52C7V5S	SOD-323	0.2	0.001	5	7.5	5	15	80	1
BZT52C8V2S	SOD-323	0.2	0.0007	5	8.2	5	15	80	1
BZT52C9V1S	SOD-323	0.2	0.0005	6	9.1	5	15	100	1
BZT52C10S	SOD-323	0.2	0.0002	7	10	5	20	150	1
BZT52C11S	SOD-323	0.2	0.0001	8	11	5	20	150	1
BZT52C12S	SOD-323	0.2	0.0001	8	12	5	25	150	1
BZT52C13S	SOD-323	0.2	0.0001	8	13	5	30	170	1
BZT52C15S	SOD-323	0.2	0.0001	10.5	15	5	30	200	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52C16S	SOD-323	0.2	0.0001	11.2	16	5	40	200	1
BZT52C18S	SOD-323	0.2	0.0001	12.6	18	5	45	225	1
BZT52C20S	SOD-323	0.2	0.0001	14	20	5	55	225	1
BZT52C22S	SOD-323	0.2	0.0001	15.4	22	5	55	250	1
BZT52C24S	SOD-323	0.2	0.0001	16.8	24	5	70	250	1
BZT52C27S	SOD-323	0.2	0.0001	18.9	27	2	80	300	0.5
BZT52C30S	SOD-323	0.2	0.0001	21	30	2	80	300	0.5
BZT52C33S	SOD-323	0.2	0.0001	23.1	33	2	80	325	0.5
BZT52C36S	SOD-323	0.2	0.0001	25.2	36	2	90	350	0.5
BZT52C39S	SOD-323	0.2	0.0001	27.3	39	2	130	350	0.5
BZT52C43S	SOD-323	0.2	0.0001	32	43	2	100	700	0.5
BZT52C47S	SOD-323	0.2	0.0001	35	47	2	100	750	0.5
BZT52C51S	SOD-323	0.2	0.0001	38	51	2	100	750	0.5
BZT52C56S	SOD-323	0.2	0.00005	39.2	56	2	200	400	0.5
MMXZ5225B	SOD-323	0.2	0.05	1	3	20	29	1600	0.25
MMXZ5226B	SOD-323	0.2	0.025	1	3.3	20	28	1600	0.25
MMXZ5227B	SOD-323	0.2	0.015	1	3.6	20	24	1700	0.25
MMXZ5228B	SOD-323	0.2	0.01	1	3.9	20	23	1900	0.25
MMXZ5229B	SOD-323	0.2	0.005	1	4.3	20	22	2000	0.25
MMXZ5230B	SOD-323	0.2	0.005	2	4.7	20	19	1900	0.25
MMXZ5231B	SOD-323	0.2	0.005	2	5.1	20	17	1600	0.25
MMXZ5232B	SOD-323	0.2	0.005	3	5.6	20	11	1600	0.25
MMXZ5234B	SOD-323	0.2	0.005	4	6.2	20	7	1000	0.25
MMXZ5235B	SOD-323	0.2	0.003	5	6.8	20	5	750	0.25
MMXZ5236B	SOD-323	0.2	0.003	6	7.5	20	6	500	0.25
MMXZ5237B	SOD-323	0.2	0.003	6.5	8.2	20	8	500	0.25
MMXZ5239B	SOD-323	0.2	0.003	7	9.1	20	10	600	0.25
MMXZ5240B	SOD-323	0.2	0.003	8	10	20	17	600	0.25
MMXZ5241B	SOD-323	0.2	0.002	8.4	11	20	22	600	0.25
MMXZ5242B	SOD-323	0.2	0.001	9.1	12	20	30	600	0.25
MMXZ5243B	SOD-323	0.2	0.0005	9.9	13	9.5	13	600	0.25
MMXZ5245B	SOD-323	0.2	0.0001	11	15	8.5	16	600	0.25
MMXZ5246B	SOD-323	0.2	0.0001	12	16	7.8	17	600	0.25
MMXZ5248B	SOD-323	0.2	0.0001	14	18	7	21	600	0.25
MMXZ5250B	SOD-323	0.2	0.0001	15	20	6.2	25	600	0.25
MMXZ5251B	SOD-323	0.2	0.0001	17	22	5.6	29	600	0.25
MMXZ5252B	SOD-323	0.2	0.0001	18	24	5.2	33	600	0.25
MMXZ5254B	SOD-323	0.2	0.0001	21	27	4.6	41	600	0.25
MMXZ5255B	SOD-323	0.2	0.0001	21	28	4.5	44	600	0.25
MMXZ5256B	SOD-323	0.2	0.0001	23	30	4.2	49	600	0.25
MMXZ5257B	SOD-323	0.2	0.0001	25	33	3.8	58	700	0.25
MMXZ5258B	SOD-323	0.2	0.0001	27	36	3.4	70	700	0.25
MMXZ5259B	SOD-323	0.2	0.0001	30	39	3.2	80	800	0.25
MMXZ5229C	SOD-323	0.2	0.005	1	4.3	20	22	2000	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
MMXZ5230C	SOD-323	0.2	0.005	2	4.7	20	19	1900	0.25
MMXZ5231C	SOD-323	0.2	0.005	2	5.1	20	17	1600	0.25
MMXZ5232C	SOD-323	0.2	0.005	3	5.6	20	11	1600	0.25
MMXZ5233C	SOD-323	0.2	0.005	3.5	6	20	7	1600	0.25
MMXZ5234C	SOD-323	0.2	0.005	4	6.2	20	7	1000	0.25
MMXZ5235C	SOD-323	0.2	0.003	5	6.8	20	5	750	0.25
MMXZ5236C	SOD-323	0.2	0.003	6	7.5	20	6	500	0.25
MMXZ5237C	SOD-323	0.2	0.003	6	8.2	20	8	500	0.25
MMXZ5238C	SOD-323	0.2	0.003	6.5	8.7	20	8	600	0.25
MMXZ5239C	SOD-323	0.2	0.003	6.5	9.1	20	10	600	0.25
MMXZ5240C	SOD-323	0.2	0.003	8	10	20	17	600	0.25
MMXZ5241C	SOD-323	0.2	0.002	8.4	11	20	22	600	0.25
MMXZ5242C	SOD-323	0.2	0.001	9.1	12	20	30	600	0.25
MMXZ5243C	SOD-323	0.2	0.0005	9.9	13	9.5	13	600	0.25
MMXZ5244C	SOD-323	0.2	0.0001	10.5	14	9	15	600	0.25
MMXZ5245C	SOD-323	0.2	0.0001	11	15	8.5	16	600	0.25
MMXZ5246C	SOD-323	0.2	0.0001	12	16	7.8	17	600	0.25
MMXZ5247C	SOD-323	0.2	0.0001	13	17	7.5	19	600	0.25
MMXZ5248C	SOD-323	0.2	0.0001	14	18	7	21	600	0.25
MMXZ5249C	SOD-323	0.2	0.0001	14	19	6.6	23	600	0.25
MMXZ5250C	SOD-323	0.2	0.0001	15	20	6.2	25	600	0.25
MMXZ5251C	SOD-323	0.2	0.0001	17	22	5.6	29	600	0.25
MMXZ5252C	SOD-323	0.2	0.0001	18	24	5.2	33	600	0.25
MMXZ5253C	SOD-323	0.2	0.0001	19	25	5	35	600	0.25
MMXZ5254C	SOD-323	0.2	0.0001	21	27	5	41	600	0.25
MMXZ5255C	SOD-323	0.2	0.0001	21	28	4.5	44	600	0.25
MMXZ5256C	SOD-323	0.2	0.0001	23	30	4.2	49	600	0.25
MMXZ5257C	SOD-323	0.2	0.0001	25	33	3.8	58	700	0.25
MMXZ5258C	SOD-323	0.2	0.0001	27	36	3.4	70	700	0.25
MMXZ5259C	SOD-323	0.2	0.0001	30	39	3.2	80	800	0.25
MMXZ5260C	SOD-323	0.2	0.0001	33	43	3	93	900	0.25
MMXZ5261C	SOD-323	0.2	0.0001	36	47	2.7	105	1000	0.25
MMXZ5262C	SOD-323	0.2	0.0001	39	51	2.5	125	1100	0.25
BZT52B5V1LS	SOD-323	0.35	0.002	1	5.1	5	80	500	1
BZT52B3V0BS	SOD-323	0.4	0.009	1	3	5	89	564	1
BZT52B3V3BS	SOD-323	0.4	0.0045	1	3.3	5	89	564	1
BZT52B3V6BS	SOD-323	0.4	0.0045	1	3.6	5	84	564	1
BZT52B3V9BS	SOD-323	0.4	0.0027	1	3.9	5	84	564	1
BZT52B4V3BS	SOD-323	0.4	0.0027	1	4.3	5	84	564	1
BZT52B4V7BS	SOD-323	0.4	0.0027	2	4.7	5	75	564	1
BZT52B5V1BS	SOD-323	0.4	0.002	2	5.1	5	60	480	1
BZT52B5V6BS	SOD-323	0.4	0.001	2	5.6	5	40	400	1
BZT52B6V2BS	SOD-323	0.4	0.003	4	6.2	5	10	150	1
BZT52B6V8BS	SOD-323	0.4	0.002	4	6.8	5	15	141	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52B7V5BS	SOD-323	0.4	0.001	5	7.5	5	15	80	1
BZT52B8V2BS	SOD-323	0.4	0.0007	5	8.2	5	15	80	1
BZT52B9V1BS	SOD-323	0.4	0.0005	6	9.1	5	15	100	1
BZT52B10BS	SOD-323	0.4	0.0002	7	10	5	20	150	1
BZT52B11BS	SOD-323	0.4	0.0001	8	11	5	20	150	1
BZT52B12BS	SOD-323	0.4	0.0001	8	12	5	25	150	1
BZT52B13BS	SOD-323	0.4	0.0001	8	13	5	30	170	1
BZT52B15BS	SOD-323	0.4	0.0001	10.5	15	5	30	200	1
BZT52B16BS	SOD-323	0.4	0.0001	11.2	16	5	40	200	1
BZT52B18BS	SOD-323	0.4	0.0001	12.6	18	5	45	225	1
BZT52B20BS	SOD-323	0.4	0.0001	14	20	5	55	225	1
BZT52B22BS	SOD-323	0.4	0.000045	15.4	22	5	51	235	1
BZT52B24BS	SOD-323	0.4	0.000045	16.8	24	5	65	235	1
BZT52B27BS	SOD-323	0.4	0.000045	18.9	27	5	75	282	0.5
BZT52B30BS	SOD-323	0.4	0.000045	21	30	5	75	282	0.5
BZT52B33BS	SOD-323	0.4	0.000045	23	33	5	75	306	0.5
BZT52B36BS	SOD-323	0.4	0.000045	25.2	36	5	84	329	0.5
BZT52B39BS	SOD-323	0.4	0.000045	27.3	39	5	122	329	0.5
BZT52B43BS	SOD-323	0.4	0.000045	30.1	43	5	141	353	0.5
BZT52B47BS	SOD-323	0.4	0.000045	33	47	5	160	353	0.5
BZT52B51BS	SOD-323	0.4	0.000045	35.7	51	5	169	376	0.5
MMXZ5231BS	SOD-323	0.5	0.005	2	5.1	20	17	1600	0.25
BZT52B2V4LS	SOD-323FL	0.2	0.12	1	2.53	5	100	1000	0.5
BZT52B2V7LS	SOD-323FL	0.2	0.1	1	2.8	5	110	1000	0.5
BZT52B3V0LS	SOD-323FL	0.2	0.05	1	3.12	5	120	1000	0.5
BZT52B3V3LS	SOD-323FL	0.2	0.02	1	3.43	5	120	1000	0.5
BZT52B3V6LS	SOD-323FL	0.2	0.01	1	3.6	5	100	1000	1
BZT52B3V9LS	SOD-323FL	0.2	0.005	1	3.9	5	100	1000	1
BZT52B4V3LS	SOD-323FL	0.2	0.005	1	4.3	5	100	1000	1
BZT52B4V7LS	SOD-323FL	0.2	0.002	1	4.7	5	100	800	1
BZT52B5V6LS	SOD-323FL	0.2	0.001	1	5.6	5	60	400	1
BZT52B6V2LS	SOD-323FL	0.2	0.001	2	6.2	5	60	150	1
BZT52B6V8LS	SOD-323FL	0.2	0.0005	3	6.8	5	40	80	1
BZT52B7V5LS	SOD-323FL	0.2	0.0005	5	7.5	5	30	60	1
BZT52B8V2LS	SOD-323FL	0.2	0.0005	6.1	8.2	5	30	60	1
BZT52B9V1LS	SOD-323FL	0.2	0.0005	6.8	9.1	5	30	60	1
BZT52B10LS	SOD-323FL	0.2	0.0001	7.5	10	5	30	70	1
BZT52B11LS	SOD-323FL	0.2	0.0001	8.2	11	5	30	70	1
BZT52B12LS	SOD-323FL	0.2	0.0001	9	12	5	30	90	1
BZT52B13LS	SOD-323FL	0.2	0.0001	9.7	13	5	40	110	1
BZT52B15LS	SOD-323FL	0.2	0.0001	11	15	5	45	110	1
BZT52B16LS	SOD-323FL	0.2	0.0001	12	16	5	50	170	1
BZT52B18LS	SOD-323FL	0.2	0.0001	14	18	5	65	170	1
BZT52B20LS	SOD-323FL	0.2	0.0001	15	20	5	85	220	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52B22LS	SOD-323FL	0.2	0.0001	17	22	5	100	220	1
BZT52B24LS	SOD-323FL	0.2	0.0001	18	24	5	120	220	1
BZT52B27LS	SOD-323FL	0.2	0.0001	20	27	5	150	220	1
BZT52B30LS	SOD-323FL	0.2	0.0001	22	30	5	200	220	1
BZT52B33LS	SOD-323FL	0.2	0.0001	24	33	5	250	250	1
BZT52B36LS	SOD-323FL	0.2	0.0001	27	36	5	300	300	1
BZT52B39LS	SOD-323FL	0.2	0.0001	27.3	39	5	130	350	0.5
BZT52B43LS	SOD-323FL	0.2	0.0001	29.4	43	5	130	350	0.5
BZT52B47LS	SOD-323FL	0.2	0.0001	36	47	5	170	1000	0.25
BZT52B51LS	SOD-323FL	0.2	0.0001	39	51	5	180	1300	0.25
BZT52B56LS	SOD-323FL	0.2	0.0001	43	56	5	200	1400	0.25
BZT52B62LS	SOD-323FL	0.2	0.0001	47	62	5	225	1400	0.25
BZT52B68LS	SOD-323FL	0.2	0.0001	52	68	5	240	1600	0.25
BZT52B75LS	SOD-323FL	0.2	0.0001	56	75	5	265	1700	0.25
BZT52B2V4	SOD-123	0.41	0.1	1	2.4	5	85	600	1
BZT52B2V7	SOD-123	0.41	0.075	1	2.7	5	83	600	1
BZT52B3V0	SOD-123	0.41	0.05	1	3	5	95	600	1
BZT52B3V3	SOD-123	0.41	0.025	1	3.3	5	95	600	1
BZT52B3V6	SOD-123	0.41	0.015	1	3.6	5	95	600	1
BZT52B3V9	SOD-123	0.41	0.01	1	3.9	5	95	600	1
BZT52B4V3	SOD-123	0.41	0.005	1	4.3	5	95	600	1
BZT52B4V7	SOD-123	0.41	0.005	2	4.7	5	78	500	1
BZT52B5V1	SOD-123	0.41	0.0001	0.8	5.1	5	60	480	1
BZT52B5V6	SOD-123	0.41	0.0001	1	5.6	5	40	400	1
BZT52B6V2	SOD-123	0.41	0.0001	2	6.2	5	10	150	1
BZT52B6V8	SOD-123	0.41	0.0001	3	6.8	5	8	80	1
BZT52B7V5	SOD-123	0.41	0.0001	5	7.5	5	7	80	1
BZT52B8V2	SOD-123	0.41	0.0001	6	8.2	5	7	80	1
BZT52B9V1	SOD-123	0.41	0.0001	7	9.1	5	10	100	1
BZT52B10	SOD-123	0.41	0.0001	7.5	10	5	15	150	1
BZT52B11	SOD-123	0.41	0.0001	8.5	11	5	20	150	1
BZT52B12	SOD-123	0.41	0.0001	9	12	5	20	150	1
BZT52B13	SOD-123	0.41	0.0001	10	13	5	25	170	1
BZT52B15	SOD-123	0.41	0.0001	11	15	5	30	200	1
BZT52B16	SOD-123	0.41	0.0001	12	16	5	40	200	1
BZT52B18	SOD-123	0.41	0.0001	14	18	5	50	225	1
BZT52B20	SOD-123	0.41	0.0001	15	20	5	50	225	1
BZT52B22	SOD-123	0.41	0.0001	17	22	5	55	250	1
BZT52B24	SOD-123	0.41	0.0001	18	24	5	70	250	1
BZT52B27	SOD-123	0.41	0.0001	20	27	2	80	300	1
BZT52B30	SOD-123	0.41	0.0001	22.5	30	2	80	300	1
BZT52B33	SOD-123	0.41	0.0001	25	33	2	80	325	1
BZT52B36	SOD-123	0.41	0.0001	27	36	2	90	350	1
BZT52B39	SOD-123	0.41	0.0001	29	39	2	90	350	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZT52B43	SOD-123	0.41	0.0001	32	43	2	100	375	1
BZT52B47	SOD-123	0.41	0.0001	35	47	2	100	375	1
BZT52B51	SOD-123	0.41	0.0001	38	51	2	100	400	1
BZT52B56	SOD-123	0.41	0.0001	42	56	2	135	1000	1
BZT52B62	SOD-123	0.41	0.0001	46	62	2	150	1000	1
BZT52B68	SOD-123	0.41	0.0001	51	68	2	200	1000	1
BZT52B75	SOD-123	0.41	0.0001	56	75	2	250	1000	1
BZT52C2V4	SOD-123	0.5	0.05	1	2.4	5	100	600	1
BZT52C2V7	SOD-123	0.5	0.02	1	2.7	5	100	600	1
BZT52C3V0	SOD-123	0.5	0.01	1	3	5	95	600	1
BZT52C3V3	SOD-123	0.5	0.005	1	3.3	5	95	600	1
BZT52C3V6	SOD-123	0.5	0.005	1	3.6	5	90	600	1
BZT52C3V9	SOD-123	0.5	0.003	1	3.9	5	90	600	1
BZT52C4V3	SOD-123	0.5	0.003	1	4.3	5	90	600	1
BZT52C4V7	SOD-123	0.5	0.003	2	4.7	5	80	500	1
BZT52C5V1	SOD-123	0.5	0.002	2	5.1	5	60	480	1
BZT52C5V6	SOD-123	0.5	0.001	2	5.6	5	40	400	1
BZT52C6V2	SOD-123	0.5	0.003	4	6.2	5	10	150	1
BZT52C6V8	SOD-123	0.5	0.002	4	6.8	5	15	80	1
BZT52C7V5	SOD-123	0.5	0.001	5	7.5	5	15	80	1
BZT52C8V2	SOD-123	0.5	0.0007	5	8.2	5	15	80	1
BZT52C9V1	SOD-123	0.5	0.0005	6	9.1	5	15	100	1
BZT52C10	SOD-123	0.5	0.0002	7	10	5	20	150	1
BZT52C11	SOD-123	0.5	0.0001	8	11	5	20	150	1
BZT52C12	SOD-123	0.5	0.0001	8	12	5	25	150	1
BZT52C13	SOD-123	0.5	0.0001	8	13	5	30	170	1
BZT52C15	SOD-123	0.5	0.0001	10.5	15	5	30	200	1
BZT52C16	SOD-123	0.5	0.0001	11.2	16	5	40	200	1
BZT52C18	SOD-123	0.5	0.0001	12.6	18	5	45	225	1
BZT52C20	SOD-123	0.5	0.0001	14	20	5	55	225	1
BZT52C22	SOD-123	0.5	0.0001	15.4	22	5	55	250	1
BZT52C24	SOD-123	0.5	0.0001	16.8	24	5	70	250	1
BZT52C27	SOD-123	0.5	0.0001	18.9	27	2	80	300	0.5
BZT52C30	SOD-123	0.5	0.0001	21	30	2	80	300	0.5
BZT52C33	SOD-123	0.5	0.0001	23.1	33	2	80	325	0.5
BZT52C36	SOD-123	0.5	0.0001	25.2	36	2	90	350	0.5
BZT52C39	SOD-123	0.5	0.0001	27.3	39	2	130	350	0.5
BZT52C43	SOD-123	0.5	0.0001	32	43	5	100	700	1
BZT52C47	SOD-123	0.5	0.0001	35	47	5	100	750	1
BZT52C51	SOD-123	0.5	0.0001	38	51	5	100	750	1
MMSZ4678	SOD-123	0.5	0.0075	1	1.8	0.05	-	-	-
MMSZ4679	SOD-123	0.5	0.005	1	2	0.05	-	-	-
MMSZ4680	SOD-123	0.5	0.004	1	2.2	0.05	-	-	-
MMSZ4681	SOD-123	0.5	0.002	1	2.4	0.05	-	-	-

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
MMSZ4682	SOD-123	0.5	0.001	1	2.7	0.05	-	-	-
MMSZ4683	SOD-123	0.5	0.0008	1	3	0.05	-	-	-
MMSZ4684	SOD-123	0.5	0.0075	1.5	3.3	0.05	-	-	-
MMSZ4685	SOD-123	0.5	0.0075	2	3.6	0.05	-	-	-
MMSZ4686	SOD-123	0.5	0.005	2	3.9	0.05	-	-	-
MMSZ4687	SOD-123	0.5	0.004	2	4.3	0.05	-	-	-
MMSZ4688	SOD-123	0.5	0.01	3	4.7	0.05	-	-	-
MMSZ4689	SOD-123	0.5	0.01	3	5.1	0.05	-	-	-
MMSZ4690	SOD-123	0.5	0.01	4	5.6	0.05	-	-	-
MMSZ4691	SOD-123	0.5	0.01	5	6.2	0.05	-	-	-
MMSZ4692	SOD-123	0.5	0.01	5.1	6.8	0.05	-	-	-
MMSZ4693	SOD-123	0.5	0.01	5.7	7.5	0.05	-	-	-
MMSZ4694	SOD-123	0.5	0.001	6.2	8.2	0.05	-	-	-
MMSZ4695	SOD-123	0.5	0.001	6.6	8.7	0.05	-	-	-
MMSZ4696	SOD-123	0.5	0.001	6.9	9.1	0.05	-	-	-
MMSZ4697	SOD-123	0.5	0.001	7.6	10	0.05	-	-	-
MMSZ4698	SOD-123	0.5	0.00005	8.4	11	0.05	-	-	-
MMSZ4699	SOD-123	0.5	0.00005	9.1	12	0.05	-	-	-
MMSZ4700	SOD-123	0.5	0.00005	9.8	13	0.05	-	-	-
MMSZ4701	SOD-123	0.5	0.00005	10.6	14	0.05	-	-	-
MMSZ4702	SOD-123	0.5	0.00005	11.4	15	0.05	-	-	-
MMSZ4703	SOD-123	0.5	0.00005	12.1	16	0.05	-	-	-
MMSZ4704	SOD-123	0.5	0.00005	12.9	17	0.05	-	-	-
MMSZ4705	SOD-123	0.5	0.00005	13.6	18	0.05	-	-	-
MMSZ4706	SOD-123	0.5	0.00005	14.4	19	0.05	-	-	-
MMSZ4707	SOD-123	0.5	0.00001	15.2	20	0.05	-	-	-
MMSZ4708	SOD-123	0.5	0.00001	16.7	22	0.05	-	-	-
MMSZ4709	SOD-123	0.5	0.00001	18.2	24	0.05	-	-	-
MMSZ4710	SOD-123	0.5	0.00001	19	25	0.05	-	-	-
MMSZ4711	SOD-123	0.5	0.00001	20.4	27	0.05	-	-	-
MMSZ4712	SOD-123	0.5	0.00001	21.2	28	0.05	-	-	-
MMSZ4713	SOD-123	0.5	0.00001	22.8	30	0.05	-	-	-
MMSZ4714	SOD-123	0.5	0.00001	25	33	0.05	-	-	-
MMSZ4715	SOD-123	0.5	0.00001	27.3	36	0.05	-	-	-
MMSZ4716	SOD-123	0.5	0.00001	29.6	39	0.05	-	-	-
MMSZ5221B	SOD-123	0.5	0.1	1	2.4	20	30	1200	0.25
MMSZ5222B	SOD-123	0.5	0.1	1	2.5	20	30	1250	0.25
MMSZ5223B	SOD-123	0.5	0.075	1	2.7	20	30	1300	0.25
MMSZ5225B	SOD-123	0.5	0.05	1	3	20	29	1600	0.25
MMSZ5226B	SOD-123	0.5	0.025	1	3.3	20	28	1600	0.25
MMSZ5227B	SOD-123	0.5	0.015	1	3.6	20	24	1700	0.25
MMSZ5228B	SOD-123	0.5	0.01	1	3.9	20	23	1900	0.25
MMSZ5229B	SOD-123	0.5	0.005	1	4.3	20	22	2000	0.25
MMSZ5230B	SOD-123	0.5	0.005	2	4.7	20	19	1900	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
MMSZ5231B	SOD-123	0.5	0.005	2	5.1	20	17	1600	0.25
MMSZ5232B	SOD-123	0.5	0.005	3	5.6	20	11	1600	0.25
MMSZ5233B	SOD-123	0.5	0.005	3.5	6	20	7	1600	0.25
MMSZ5234B	SOD-123	0.5	0.005	4	6.2	20	7	1000	0.25
MMSZ5235B	SOD-123	0.5	0.003	5	6.8	20	5	750	0.25
MMSZ5236B	SOD-123	0.5	0.003	6	7.5	20	6	500	0.25
MMSZ5237B	SOD-123	0.5	0.003	6.5	8.2	20	8	500	0.25
MMSZ5238B	SOD-123	0.5	0.003	6.5	8.7	20	8	600	0.25
MMSZ5239B	SOD-123	0.5	0.003	7	9.1	20	10	600	0.25
MMSZ5240B	SOD-123	0.5	0.003	8	10	20	17	600	0.25
MMSZ5241B	SOD-123	0.5	0.002	8.4	11	20	22	600	0.25
MMSZ5242B	SOD-123	0.5	0.001	9.1	12	20	30	600	0.25
MMSZ5243B	SOD-123	0.5	0.0005	9.9	13	9.5	13	600	0.25
MMSZ5244B	SOD-123	0.5	0.0001	10.5	14	9	15	600	0.25
MMSZ5245B	SOD-123	0.5	0.0001	11	15	8.5	16	600	0.25
MMSZ5246B	SOD-123	0.5	0.0001	12	16	7.8	17	600	0.25
MMSZ5248B	SOD-123	0.5	0.0001	14	18	7	21	600	0.25
MMSZ5250B	SOD-123	0.5	0.0001	15	20	6.2	25	600	0.25
MMSZ5251B	SOD-123	0.5	0.0001	17	22	5.6	29	600	0.25
MMSZ5252B	SOD-123	0.5	0.0001	18	24	5.2	33	600	0.25
MMSZ5254B	SOD-123	0.5	0.0001	21	27	4.6	41	600	0.25
MMSZ5255B	SOD-123	0.5	0.0001	21	28	4.5	44	600	0.25
MMSZ5256B	SOD-123	0.5	0.0001	23	30	4.2	49	600	0.25
MMSZ5257B	SOD-123	0.5	0.0001	25	33	3.8	58	700	0.25
MMSZ5258B	SOD-123	0.5	0.0001	27	36	3.4	70	700	0.25
MMSZ5259B	SOD-123	0.5	0.0001	30	39	3.2	80	800	0.25
MMSZ5260B	SOD-123	0.5	0.0001	33	43	3	93	900	0.25
MMSZ5261B	SOD-123	0.5	0.0001	36	47	2.7	105	1000	0.25
MMSZ5262B	SOD-123	0.5	0.0001	39	51	2.5	125	1100	0.25
MMSZ5263B	SOD-123	0.5	0.0001	43	56	2.2	150	1300	0.25
MMSZ5265B	SOD-123	0.5	0.0001	47	62	2	185	1400	0.25
MMSZ5267B	SOD-123	0.5	0.0001	56	75	1.7	270	1700	0.25
MMSZ5229C	SOD-123	0.5	0.005	1	4.3	20	22	2000	0.25
MMSZ5230C	SOD-123	0.5	0.005	2	4.7	20	19	1900	0.25
MMSZ5231C	SOD-123	0.5	0.005	2	5.1	20	17	1600	0.25
MMSZ5232C	SOD-123	0.5	0.005	3	5.6	20	11	1600	0.25
MMSZ5233C	SOD-123	0.5	0.005	3.5	6	20	7	1600	0.25
MMSZ5234C	SOD-123	0.5	0.005	4	6.2	20	7	1000	0.25
MMSZ5235C	SOD-123	0.5	0.003	5	6.8	20	5	750	0.25
MMSZ5236C	SOD-123	0.5	0.003	6	7.5	20	6	500	0.25
MMSZ5237C	SOD-123	0.5	0.003	6	8.2	20	8	500	0.25
MMSZ5238C	SOD-123	0.5	0.003	6.5	8.7	20	8	600	0.25
MMSZ5239C	SOD-123	0.5	0.003	6.5	9.1	20	10	600	0.25
MMSZ5240C	SOD-123	0.5	0.003	8	10	20	17	600	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
MMSZ5241C	SOD-123	0.5	0.003	8.4	11	20	22	600	0.25
MMSZ5242C	SOD-123	0.5	0.002	9.1	12	20	30	600	0.25
MMSZ5243C	SOD-123	0.5	0.001	9.9	13	9.5	13	600	0.25
MMSZ5244C	SOD-123	0.5	0.0005	10.5	14	9	15	600	0.25
MMSZ5245C	SOD-123	0.5	0.0005	11	15	8.5	16	600	0.25
MMSZ5246C	SOD-123	0.5	0.0001	12	16	7.8	17	600	0.25
MMSZ5248C	SOD-123	0.5	0.0001	14	18	7	21	600	0.25
MMSZ5250C	SOD-123	0.5	0.0001	15	20	6.2	25	600	0.25
MMSZ5251C	SOD-123	0.5	0.0001	17	22	5.6	29	600	0.25
MMSZ5252C	SOD-123	0.5	0.0001	18	24	5.2	33	600	0.25
MMSZ5254C	SOD-123	0.5	0.0001	21	27	4.6	41	600	0.25
MMSZ5255C	SOD-123	0.5	0.0001	21	28	4.5	44	600	0.25
MMSZ5256C	SOD-123	0.5	0.0001	23	30	4.2	49	600	0.25
MMSZ5257C	SOD-123	0.5	0.0001	25	33	3.8	58	700	0.25
MMSZ5258C	SOD-123	0.5	0.0001	27	36	3.4	70	700	0.25
MMSZ5259C	SOD-123	0.5	0.0001	30	39	3.2	80	800	0.25
MMSZ5260C	SOD-123	0.5	0.0001	33	43	3	93	900	0.25
MMSZ5261C	SOD-123	0.5	0.0001	36	47	2.7	105	1000	0.25
DFLZ5V1	SOD-123FL	1	0.01	1	5.1	49	7	-	-
DFLZ5V6	SOD-123FL	1	0.01	2	5.6	45	5	-	-
DFLZ6V2	SOD-123FL	1	0.005	2	6.2	100	3	-	-
DFLZ6V8	SOD-123FL	1	0.005	3	6.8	100	3	-	-
DFLZ7V5	SOD-123FL	1	0.005	3	7.5	100	2	-	-
DFLZ8V2	SOD-123FL	1	0.005	3	8.2	100	2	-	-
DFLZ9V1	SOD-123FL	1	0.005	5	9.1	50	4	-	-
DFLZ10	SOD-123FL	1	0.005	7.5	10	50	4	-	-
DFLZ11	SOD-123FL	1	0.004	8.2	11	50	7	-	-
DFLZ12	SOD-123FL	1	0.003	9.1	12	50	7	-	-
DFLZ13	SOD-123FL	1	0.002	10	13	50	10	-	-
DFLZ15	SOD-123FL	1	0.001	11	15	50	10	-	-
DFLZ16	SOD-123FL	1	0.001	12	16	25	15	-	-
DFLZ18	SOD-123FL	1	0.001	13	18	25	15	-	-
DFLZ20	SOD-123FL	1	0.001	15	20	25	15	-	-
DFLZ22	SOD-123FL	1	0.001	16	22	25	15	-	-
DFLZ24	SOD-123FL	1	0.001	18	24	25	15	-	-
DFLZ27	SOD-123FL	1	0.001	20	27	25	15	-	-
DFLZ30	SOD-123FL	1	0.001	22	30	25	15	-	-
DFLZ33	SOD-123FL	1	0.001	24	33	25	15	-	-
DFLZ36	SOD-123FL	1	0.001	27	36	10	40	-	-
DFLZ39	SOD-123FL	1	0.001	30	39	10	40	-	-
DFLZ43	SOD-123FL	1	0.005	32.7	43	6	70	-	-
DFLZ47	SOD-123FL	1	0.005	35.8	47	5.5	80	-	-
DFLZ51	SOD-123FL	1	0.005	38.8	51	5	95	-	-
DFLZ56	SOD-123FL	1	0.005	42.6	56	4.5	110	-	-

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
DFLZ62	SOD-123FL	1	0.005	47.1	62	4	125	-	-
DFLZ68	SOD-123FL	1	0.005	51.7	68	3.7	150	-	-
DFLZ75	SOD-123FL	1	0.005	56	75	3.3	175	-	-
DFLZ82	SOD-123FL	1	0.005	62.2	82	3	200	-	-
DFLZ91	SOD-123FL	1	0.005	69.2	91	2.8	250	-	-
DFLZ100	SOD-123FL	1	0.005	76	100	2.5	350	-	-
DFLZ110	SOD-123FL	1	0.0001	84	110	2.3	450	4000	0.25
DFLZ180	SOD-123FL	1	0.001	130	180	5	180	-	-
DFLZ200	SOD-123FL	1	0.001	150	200	5	200	-	-
AZ23C2V7W	SOT-323	0.2	0.0001	-	2.7	5	83	500	1
AZ23C3V0W	SOT-323	0.2	0.0001	-	3	5	95	500	1
AZ23C3V3W	SOT-323	0.2	0.0001	-	3.3	5	95	500	1
AZ23C3V6W	SOT-323	0.2	0.0001	-	3.6	5	95	500	1
AZ23C3V9W	SOT-323	0.2	0.0001	-	3.9	5	95	500	1
AZ23C4V3W	SOT-323	0.2	0.0001	-	4.3	5	95	500	1
AZ23C4V7W	SOT-323	0.2	0.0001	-	4.7	5	78	500	1
AZ23C5V1W	SOT-323	0.2	0.0001	0.8	5.1	5	60	480	1
AZ23C5V6W	SOT-323	0.2	0.0001	1	5.6	5	40	400	1
AZ23C6V2W	SOT-323	0.2	0.0001	2	6.2	5	10	200	1
AZ23C6V8W	SOT-323	0.2	0.0001	3	6.8	5	8	150	1
AZ23C7V5W	SOT-323	0.2	0.0001	5	7.5	5	7	50	1
AZ23C8V2W	SOT-323	0.2	0.0001	6	8.2	5	7	50	1
AZ23C9V1W	SOT-323	0.2	0.0001	7	9.1	5	10	50	1
AZ23C10W	SOT-323	0.2	0.0001	7.5	10	5	15	70	1
AZ23C11W	SOT-323	0.2	0.0001	8.5	11	5	20	70	1
AZ23C12W	SOT-323	0.2	0.0001	9	12	5	20	90	1
AZ23C13W	SOT-323	0.2	0.0001	10	13	5	25	110	1
AZ23C15W	SOT-323	0.2	0.0001	11	15	5	30	110	1
AZ23C16W	SOT-323	0.2	0.0001	12	16	5	40	170	1
AZ23C18W	SOT-323	0.2	0.0001	14	18	5	50	170	1
AZ23C20W	SOT-323	0.2	0.0001	15	20	5	50	220	1
AZ23C22W	SOT-323	0.2	0.0001	17	22	5	55	220	1
AZ23C24W	SOT-323	0.2	0.0001	18	24	5	80	220	1
AZ23C27W	SOT-323	0.2	0.0001	20	27	5	80	250	1
AZ23C30W	SOT-323	0.2	0.0001	22.5	30	5	80	250	1
AZ23C33W	SOT-323	0.2	0.0001	25	33	5	80	250	1
AZ23C36W	SOT-323	0.2	0.0001	27	36	5	90	250	1
AZ23C39W	SOT-323	0.2	0.0001	29	39	5	90	300	1
BZX84C2V4W	SOT-323	0.2	0.05	1	2.4	5	100	600	1
BZX84C2V7W	SOT-323	0.2	0.02	1	2.7	5	100	600	1
BZX84C3V3W	SOT-323	0.2	0.005	1	3.3	5	95	600	1
BZX84C3V6W	SOT-323	0.2	0.005	1	3.6	5	90	600	1
BZX84C3V9W	SOT-323	0.2	0.003	1	3.9	5	90	600	1
BZX84C4V3W	SOT-323	0.2	0.003	1	4.3	5	90	600	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZX84C4V7W	SOT-323	0.2	0.003	2	4.7	5	80	500	1
BZX84C5V1W	SOT-323	0.2	0.002	2	5.1	5	60	480	1
BZX84C5V6W	SOT-323	0.2	0.001	2	5.6	5	40	400	1
BZX84C6V2W	SOT-323	0.2	0.003	4	6.2	5	10	150	1
BZX84C6V8W	SOT-323	0.2	0.002	4	6.8	5	15	80	1
BZX84C7V5W	SOT-323	0.2	0.001	5	7.5	5	15	80	1
BZX84C8V2W	SOT-323	0.2	0.0007	5	8.2	5	15	80	1
BZX84C9V1W	SOT-323	0.2	0.0005	6	9.1	5	15	100	1
BZX84C10W	SOT-323	0.2	0.0002	7	10	5	20	150	1
BZX84C11W	SOT-323	0.2	0.0001	8	11	5	20	150	1
BZX84C12W	SOT-323	0.2	0.0001	8	12	5	25	150	1
BZX84C13W	SOT-323	0.2	0.0001	8	13	5	30	170	1
BZX84C15W	SOT-323	0.2	0.0001	10.5	15	5	30	200	1
BZX84C16W	SOT-323	0.2	0.0001	11.2	16	5	40	200	1
BZX84C18W	SOT-323	0.2	0.0001	12.6	18	5	45	225	1
BZX84C20W	SOT-323	0.2	0.0001	14	20	5	55	225	1
BZX84C22W	SOT-323	0.2	0.0001	15.4	22	5	55	250	1
BZX84C24W	SOT-323	0.2	0.0001	16.8	24	5	70	250	1
BZX84C27W	SOT-323	0.2	0.0001	18.9	27	5	80	300	1
BZX84C30W	SOT-323	0.2	0.0001	21	30	5	80	300	1
BZX84C33W	SOT-323	0.2	0.0001	23.1	33	5	80	325	1
BZX84C36W	SOT-323	0.2	0.0001	25.2	36	5	90	350	1
BZX84C39W	SOT-323	0.2	0.0001	27.3	39	5	130	350	1
MMBZ5221BW	SOT-323	0.2	0.1	1	2.4	20	30	1200	0.25
MMBZ5222BW	SOT-323	0.2	0.1	1	2.5	20	30	1250	0.25
MMBZ5223BW	SOT-323	0.2	0.075	1	2.7	20	30	1300	0.25
MMBZ5225BW	SOT-323	0.2	0.05	1	3	20	29	1600	0.25
MMBZ5226BW	SOT-323	0.2	0.025	1	3.3	20	28	1600	0.25
MMBZ5227BW	SOT-323	0.2	0.015	1	3.6	20	24	1700	0.25
MMBZ5228BW	SOT-323	0.2	0.01	1	3.9	20	23	1900	0.25
MMBZ5229BW	SOT-323	0.2	0.005	1	4.3	20	22	2000	0.25
MMBZ5230BW	SOT-323	0.2	0.005	2	4.7	20	19	1900	0.25
MMBZ5231BW	SOT-323	0.2	0.005	2	5.1	20	17	1600	0.25
MMBZ5232BW	SOT-323	0.2	0.005	3	5.6	20	11	1600	0.25
MMBZ5234BW	SOT-323	0.2	0.005	4	6.2	20	7	1000	0.25
MMBZ5235BW	SOT-323	0.2	0.003	5	6.8	20	5	750	0.25
MMBZ5236BW	SOT-323	0.2	0.003	6	7.5	20	6	500	0.25
MMBZ5237BW	SOT-323	0.2	0.003	6.5	8.2	20	8	500	0.25
MMBZ5239BW	SOT-323	0.2	0.003	7	9.1	20	10	600	0.25
MMBZ5240BW	SOT-323	0.2	0.003	8	10	20	17	600	0.25
MMBZ5241BW	SOT-323	0.2	0.002	8.4	11	20	22	600	0.25
MMBZ5242BW	SOT-323	0.2	0.001	9.1	12	20	30	600	0.25
MMBZ5243BW	SOT-323	0.2	0.0005	9.9	13	9.5	13	600	0.25
MMBZ5244BW	SOT-323	0.2	0.0001	10	14	9	15	600	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
MMBZ5245BW	SOT-323	0.2	0.0001	11	15	8.5	16	600	0.25
MMBZ5246BW	SOT-323	0.2	0.0001	12	16	7.8	17	600	0.25
MMBZ5248BW	SOT-323	0.2	0.0001	14	18	7	21	600	0.25
MMBZ5250BW	SOT-323	0.2	0.0001	15	20	6.2	25	600	0.25
MMBZ5251BW	SOT-323	0.2	0.0001	17	22	5.6	29	600	0.25
MMBZ5252BW	SOT-323	0.2	0.0001	18	24	5.2	33	600	0.25
MMBZ5254BW	SOT-323	0.2	0.0001	21	27	4.6	41	600	0.25
MMBZ5255BW	SOT-323	0.2	0.0001	21	28	4.5	44	600	0.25
MMBZ5256BW	SOT-323	0.2	0.0001	23	30	4.2	49	600	0.25
MMBZ5257BW	SOT-323	0.2	0.0001	25	33	3.8	58	700	0.25
MMBZ5258BW	SOT-323	0.2	0.0001	27	36	3.4	70	700	0.25
MMBZ5259BW	SOT-323	0.2	0.0001	30	39	3.2	80	800	0.25
AZ23C2V7	SOT-23	0.3	0.0001	-	2.7	5	83	500	1
AZ23C3V0	SOT-23	0.3	0.0001	-	3	5	95	500	1
AZ23C3V3	SOT-23	0.3	0.0001	-	3.3	5	95	500	1
AZ23C3V6	SOT-23	0.3	0.0001	-	3.6	5	95	500	1
AZ23C3V9	SOT-23	0.3	0.0001	-	3.9	5	95	500	1
AZ23C4V3	SOT-23	0.3	0.0001	-	4.3	5	95	500	1
AZ23C4V7	SOT-23	0.3	0.0001	-	4.7	5	78	500	1
AZ23C5V1	SOT-23	0.3	0.0001	0.8	5.1	5	60	480	1
AZ23C5V6	SOT-23	0.3	0.0001	1	5.6	5	40	400	1
AZ23C6V2	SOT-23	0.3	0.0001	2	6.2	5	10	200	1
AZ23C6V8	SOT-23	0.3	0.0001	3	6.8	5	8	150	1
AZ23C7V5	SOT-23	0.3	0.0001	5	7.5	5	7	50	1
AZ23C8V2	SOT-23	0.3	0.0001	6	8.2	5	7	50	1
AZ23C9V1	SOT-23	0.3	0.0001	7	9.1	5	10	50	1
AZ23C10	SOT-23	0.3	0.0001	7.5	10	5	15	70	1
AZ23C11	SOT-23	0.3	0.0001	8.5	11	5	20	70	1
AZ23C12	SOT-23	0.3	0.0001	9	12	5	20	90	1
AZ23C13	SOT-23	0.3	0.0001	10	13	5	25	110	1
AZ23C15	SOT-23	0.3	0.0001	11	15	5	30	110	1
AZ23C16	SOT-23	0.3	0.0001	12	16	5	40	170	1
AZ23C18	SOT-23	0.3	0.0001	14	18	5	50	170	1
AZ23C20	SOT-23	0.3	0.0001	15	20	5	50	220	1
AZ23C22	SOT-23	0.3	0.0001	17	22	5	55	220	1
AZ23C24	SOT-23	0.3	0.0001	18	24	5	80	220	1
AZ23C27	SOT-23	0.3	0.0001	20	27	5	80	250	1
AZ23C30	SOT-23	0.3	0.0001	22.5	30	5	80	250	1
AZ23C33	SOT-23	0.3	0.0001	25	33	5	80	250	1
AZ23C36	SOT-23	0.3	0.0001	27	36	5	90	250	1
AZ23C39	SOT-23	0.3	0.0001	29	39	5	90	300	1
AZ23C43	SOT-23	0.3	0.0001	32	43	5	100	700	1
AZ23C47	SOT-23	0.3	0.0001	35	47	5	100	750	1
AZ23C51	SOT-23	0.3	0.0001	38	51	5	100	750	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)
DZ23C2V4	SOT-23	0.3	0.1	1	2.4	5	85	600	1
DZ23C2V7	SOT-23	0.3	0.075	1	2.7	5	83	600	1
DZ23C3V0	SOT-23	0.3	0.05	1	3	5	95	600	1
DZ23C3V3	SOT-23	0.3	0.025	1	3.3	5	95	600	1
DZ23C3V6	SOT-23	0.3	0.015	1	3.6	5	95	600	1
DZ23C3V9	SOT-23	0.3	0.01	1	3.9	5	95	600	1
DZ23C4V3	SOT-23	0.3	0.005	1	4.3	5	95	600	1
DZ23C4V7	SOT-23	0.3	0.005	2	4.7	5	78	500	1
DZ23C5V1	SOT-23	0.3	0.0001	0.8	5.1	5	60	480	1
DZ23C5V6	SOT-23	0.3	0.0001	1	5.6	5	40	400	1
DZ23C6V2	SOT-23	0.3	0.0001	2	6.2	5	10	150	1
DZ23C6V8	SOT-23	0.3	0.0001	3	6.8	5	8	80	1
DZ23C7V5	SOT-23	0.3	0.0001	5	7.5	5	7	80	1
DZ23C8V2	SOT-23	0.3	0.0001	6	8.2	5	7	80	1
DZ23C9V1	SOT-23	0.3	0.0001	7	9.1	5	10	100	1
DZ23C10	SOT-23	0.3	0.0001	7.5	10	5	15	150	1
DZ23C11	SOT-23	0.3	0.0001	8.5	11	5	20	150	1
DZ23C12	SOT-23	0.3	0.0001	9	12	5	20	150	1
DZ23C13	SOT-23	0.3	0.0001	10	13	5	25	170	1
DZ23C14	SOT-23	0.3	0.0001	10	13	5	25	170	1
DZ23C15	SOT-23	0.3	0.0001	11	15	5	30	200	1
DZ23C16	SOT-23	0.3	0.0001	12	16	5	40	200	1
DZ23C17	SOT-23	0.3	0.0001	13	17	5	40	200	1
DZ23C18	SOT-23	0.3	0.0001	14	18	5	50	225	1
DZ23C20	SOT-23	0.3	0.0001	15	20	5	50	225	1
DZ23C22	SOT-23	0.3	0.0001	17	22	5	55	250	1
DZ23C24	SOT-23	0.3	0.0001	18	24	5	80	250	1
DZ23C27	SOT-23	0.3	0.0001	20	27	5	80	300	1
DZ23C28	SOT-23	0.3	0.0001	22	28	5	80	300	1
DZ23C30	SOT-23	0.3	0.0001	22.5	30	5	80	300	1
DZ23C33	SOT-23	0.3	0.0001	25	33	5	80	325	1
DZ23C36	SOT-23	0.3	0.0001	27	36	5	90	350	1
DZ23C39	SOT-23	0.3	0.0001	29	39	5	90	350	1
DZ23C43	SOT-23	0.3	0.0001	32	43	5	100	700	1
DZ23C47	SOT-23	0.3	0.0001	35	47	5	100	750	1
DZ23C51	SOT-23	0.3	0.0001	38	51	5	100	750	1
DZ23C56	SOT-23	0.3	0.0001	42	56	5	135	1000	1
DZ23C62	SOT-23	0.3	0.0001	46	62	5	150	1000	1
DZ23C68	SOT-23	0.3	0.0001	51	68	5	200	1000	1
DZ23C75	SOT-23	0.3	0.0001	56	75	5	250	1000	1
BZX84B4V3	SOT-23	0.35	0.003	1	4.3	5	90	600	1
BZX84B4V7	SOT-23	0.35	0.003	2	4.7	5	80	500	1
BZX84B5V1	SOT-23	0.35	0.002	2	5.1	5	60	480	1
BZX84B5V6	SOT-23	0.35	0.001	2	5.6	5	40	400	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZX84B6V2	SOT-23	0.35	0.003	4	6.2	5	10	150	1
BZX84B6V8	SOT-23	0.35	0.002	4	6.8	5	15	80	1
BZX84B7V5	SOT-23	0.35	0.001	5	7.5	5	15	80	1
BZX84B8V2	SOT-23	0.35	0.0007	5	8.2	5	15	80	1
BZX84B9V1	SOT-23	0.35	0.0005	6	9.1	5	15	100	1
BZX84B10	SOT-23	0.35	0.0002	7	10	5	20	150	1
BZX84B11	SOT-23	0.35	0.0001	8	11	5	20	150	1
BZX84B12	SOT-23	0.35	0.0001	8	12	5	25	150	1
BZX84B13	SOT-23	0.35	0.0001	8	13	5	30	170	1
BZX84B15	SOT-23	0.35	0.0001	10.5	15	5	30	200	1
BZX84B16	SOT-23	0.35	0.0001	11.2	16	5	40	200	1
BZX84B18	SOT-23	0.35	0.0001	12.6	18	5	45	225	1
BZX84B20	SOT-23	0.35	0.0001	14	20	5	55	225	1
BZX84B22	SOT-23	0.35	0.0001	15.4	22	5	55	250	1
BZX84B24	SOT-23	0.35	0.0001	16.8	24	5	70	250	1
BZX84B27	SOT-23	0.35	0.0001	18.9	27	5	80	300	1
BZX84B30	SOT-23	0.35	0.0001	21	30	5	80	300	1
BZX84B33	SOT-23	0.35	0.0001	23.1	33	5	80	325	1
BZX84B36	SOT-23	0.35	0.0001	25.2	36	5	90	350	1
BZX84B39	SOT-23	0.35	0.0001	27.3	39	5	130	350	1
BZX84B43	SOT-23	0.35	0.0001	30.1	43	5	150	375	1
BZX84B47	SOT-23	0.35	0.0001	32.9	47	5	170	375	1
BZX84B51	SOT-23	0.35	0.0001	38	51	5	100	750	1
BZX84C2V4	SOT-23	0.35	0.05	1	2.4	5	100	600	1
BZX84C2V7	SOT-23	0.35	0.02	1	2.7	5	100	600	1
BZX84C3V0	SOT-23	0.35	0.01	1	3	5	95	600	1
BZX84C3V3	SOT-23	0.35	0.005	1	3.3	5	95	600	1
BZX84C3V6	SOT-23	0.35	0.005	1	3.6	5	90	600	1
BZX84C3V9	SOT-23	0.35	0.003	1	3.9	5	90	600	1
BZX84C4V3	SOT-23	0.35	0.003	1	4.3	5	90	600	1
BZX84C4V7	SOT-23	0.35	0.003	2	4.7	5	80	500	1
BZX84C5V1	SOT-23	0.35	0.002	2	5.1	5	60	480	1
BZX84C5V6	SOT-23	0.35	0.001	2	5.6	5	40	400	1
BZX84C6V2	SOT-23	0.35	0.003	4	6.2	5	10	150	1
BZX84C6V8	SOT-23	0.35	0.002	4	6.8	5	15	80	1
BZX84C7V5	SOT-23	0.35	0.001	5	7.5	5	15	80	1
BZX84C8V2	SOT-23	0.35	0.0007	5	8.2	5	15	80	1
BZX84C9V1	SOT-23	0.35	0.0005	6	9.1	5	15	100	1
BZX84C10	SOT-23	0.35	0.0002	7	10	5	20	150	1
BZX84C11	SOT-23	0.35	0.0001	8	11	5	20	150	1
BZX84C12	SOT-23	0.35	0.0001	8	12	5	25	150	1
BZX84C13	SOT-23	0.35	0.0001	8	13	5	30	170	1
BZX84C15	SOT-23	0.35	0.0001	10.5	15	5	30	200	1
BZX84C16	SOT-23	0.35	0.0001	11.2	16	5	40	200	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
BZX84C18	SOT-23	0.35	0.0001	12.6	18	5	45	225	1
BZX84C20	SOT-23	0.35	0.0001	14	20	5	55	225	1
BZX84C22	SOT-23	0.35	0.0001	15.4	22	5	55	250	1
BZX84C24	SOT-23	0.35	0.0001	16.8	24	5	70	250	1
BZX84C27	SOT-23	0.35	0.0001	18.9	27	2	80	300	1
BZX84C30	SOT-23	0.35	0.0001	21	30	2	80	300	1
BZX84C33	SOT-23	0.35	0.0001	23.1	33	2	80	325	1
BZX84C36	SOT-23	0.35	0.0001	25.2	36	2	90	350	1
BZX84C39	SOT-23	0.35	0.0001	27.3	39	2	130	350	1
BZX84C43	SOT-23	0.35	0.0001	30.1	43	5	150	375	1
BZX84C47	SOT-23	0.35	0.0001	32.9	47	5	170	375	1
BZX84C51	SOT-23	0.35	0.0001	35.7	51	5	100	400	1
BZX84C62	SOT-23	0.35	0.00005	43.4	62	2	215	450	0.5
MMBZ5221B	SOT-23	0.35	0.1	1	2.4	20	30	1200	0.25
MMBZ5222B	SOT-23	0.35	0.1	1	2.5	20	30	1250	0.25
MMBZ5223B	SOT-23	0.35	0.075	1	2.7	20	30	1300	0.25
MMBZ5225B	SOT-23	0.35	0.05	1	3	20	29	1600	0.25
MMBZ5226B	SOT-23	0.35	0.025	1	3.3	20	28	1600	0.25
MMBZ5227B	SOT-23	0.35	0.015	1	3.6	20	24	1700	0.25
MMBZ5228B	SOT-23	0.35	0.01	1	3.9	20	23	1900	0.25
MMBZ5229B	SOT-23	0.35	0.005	1	4.3	20	22	2000	0.25
MMBZ5230B	SOT-23	0.35	0.005	2	4.7	20	19	1900	0.25
MMBZ5231B	SOT-23	0.35	0.005	2	5.1	20	17	1600	0.25
MMBZ5232B	SOT-23	0.35	0.005	3	5.6	20	11	1600	0.25
MMBZ5233B	SOT-23	0.35	0.005	3.5	6	20	7	1600	0.25
MMBZ5234B	SOT-23	0.35	0.005	4	6.2	20	7	1000	0.25
MMBZ5235B	SOT-23	0.35	0.003	5	6.8	20	5	750	0.25
MMBZ5236B	SOT-23	0.35	0.003	6	7.5	20	6	500	0.25
MMBZ5237B	SOT-23	0.35	0.003	6.5	8.2	20	8	500	0.25
MMBZ5238B	SOT-23	0.35	0.003	6.5	8.7	20	8	600	0.25
MMBZ5239B	SOT-23	0.35	0.003	7	9.1	20	10	600	0.25
MMBZ5240B	SOT-23	0.35	0.003	8	10	20	17	600	0.25
MMBZ5241B	SOT-23	0.35	0.002	8.4	11	20	22	600	0.25
MMBZ5242B	SOT-23	0.35	0.001	9.1	12	20	30	600	0.25
MMBZ5243B	SOT-23	0.35	0.0005	9.9	13	9.5	13	600	0.25
MMBZ5244B	SOT-23	0.35	0.0001	10	14	9	15	600	0.25
MMBZ5245B	SOT-23	0.35	0.0001	11	15	8.5	16	600	0.25
MMBZ5246B	SOT-23	0.35	0.0001	12	16	7.8	17	600	0.25
MMBZ5248B	SOT-23	0.35	0.0001	14	18	7	21	600	0.25
MMBZ5250B	SOT-23	0.35	0.0001	15	20	6.2	25	600	0.25
MMBZ5251B	SOT-23	0.35	0.0001	17	22	5.6	29	600	0.25
MMBZ5252B	SOT-23	0.35	0.0001	18	24	5.2	33	600	0.25
MMBZ5254B	SOT-23	0.35	0.0001	21	27	4.6	41	600	0.25
MMBZ5255B	SOT-23	0.35	0.0001	21	28	4.5	44	600	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
MMBZ5256B	SOT-23	0.35	0.0001	23	30	4.2	49	600	0.25
MMBZ5257B	SOT-23	0.35	0.0001	25	33	3.8	58	700	0.25
MMBZ5258B	SOT-23	0.35	0.0001	27	36	3.4	70	700	0.25
MMBZ5259B	SOT-23	0.35	0.0001	30	39	3.2	80	800	0.25
MMBZ5229C	SOT-23	0.35	0.005	1	4.3	20	22	2000	0.25
MMBZ5230C	SOT-23	0.35	0.005	2	4.7	20	19	1900	0.25
MMBZ5231C	SOT-23	0.35	0.005	2	5.1	20	17	1600	0.25
MMBZ5232C	SOT-23	0.35	0.005	3	5.6	20	11	1600	0.25
MMBZ5233C	SOT-23	0.35	0.005	3.5	6	20	7	1600	0.25
MMBZ5234C	SOT-23	0.35	0.005	4	6.2	20	7	1000	0.25
MMBZ5235C	SOT-23	0.35	0.003	5	6.8	20	5	750	0.25
MMBZ5236C	SOT-23	0.35	0.003	6	7.5	20	6	500	0.25
MMBZ5237C	SOT-23	0.35	0.003	6	8.2	20	8	500	0.25
MMBZ5238C	SOT-23	0.35	0.003	6.5	8.7	20	8	600	0.25
MMBZ5239C	SOT-23	0.35	0.003	6.5	9.1	20	10	600	0.25
MMBZ5240C	SOT-23	0.35	0.003	8	10	20	17	600	0.25
MMBZ5241C	SOT-23	0.35	0.002	8.4	11	20	22	600	0.25
MMBZ5242C	SOT-23	0.35	0.001	9.1	12	20	30	600	0.25
MMBZ5243C	SOT-23	0.35	0.0005	9.9	13	9.5	13	600	0.25
MMBZ5244C	SOT-23	0.35	0.0001	10.5	14	9	15	600	0.25
MMBZ5245C	SOT-23	0.35	0.0001	11	15	8.5	16	600	0.25
MMBZ5246C	SOT-23	0.35	0.0001	12	16	7.8	17	600	0.25
MMBZ5247C	SOT-23	0.35	0.0001	13	17	7.5	19	600	0.25
MMBZ5248C	SOT-23	0.35	0.0001	14	18	7	21	600	0.25
MMBZ5249C	SOT-23	0.35	0.0001	14	19	6.6	23	600	0.25
MMBZ5250C	SOT-23	0.35	0.0001	15	20	6.2	25	600	0.25
MMBZ5251C	SOT-23	0.35	0.0001	17	22	5.6	29	600	0.25
MMBZ5252C	SOT-23	0.35	0.0001	18	24	5.2	33	600	0.25
MMBZ5253C	SOT-23	0.35	0.0001	19	25	5	35	600	0.25
MMBZ5254C	SOT-23	0.35	0.0001	21	27	5	41	600	0.25
MMBZ5255C	SOT-23	0.35	0.0001	21	28	4.5	44	600	0.25
MMBZ5256C	SOT-23	0.35	0.0001	23	30	4.2	49	600	0.25
MMBZ5257C	SOT-23	0.35	0.0001	25	33	3.8	58	700	0.25
MMBZ5258C	SOT-23	0.35	0.0001	27	36	3.4	70	700	0.25
MMBZ5259C	SOT-23	0.35	0.0001	30	39	3.2	80	800	0.25
MMBZ5260C	SOT-23	0.35	0.0001	33	43	3	93	900	0.25
MMBZ5261C	SOT-23	0.35	0.0001	36	47	2.7	105	1000	0.25
MMBZ5262C	SOT-23	0.35	0.0001	39	51	2.5	125	1100	0.25
SMA1EZ110D5HE3 *	SMA	1	0.0001	83.6	110	2.3	450	4000	0.25
SMA1EZ120D5HE3 *	SMA	1	0.0001	91.2	120	2	550	4500	0.25
SMA1EZ130D5HE3 *	SMA	1	0.0001	98.8	130	1.9	700	5000	0.25
SMA1EZ150D5HE3 *	SMA	1	0.0001	114	150	1.7	1000	6000	0.25
SMA1EZ160D5HE3 *	SMA	1	0.0001	121.6	160	1.6	1100	6500	0.25
SMA1EZ180D5HE3 *	SMA	1	0.0001	136.8	180	1.4	1200	7000	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMA1EZ200D5HE3 *	SMA	1	0.0001	152	200	1.2	1900	9990	0.25
SMA1EZ220D5HE3 *	SMA	1	0.0001	167.2	220	1	1600	8000	0.25
SMA1EZ240D5HE3 *	SMA	1	0.0001	182.4	240	0.9	1800	8500	0.25
SMA1EZ250D5HE3 *	SMA	1	0.0001	190	250	0.9	2000	9000	0.25
SMA1EZ270D5HE3 *	SMA	1	0.0001	205	270	0.8	2100	9000	0.25
SMA1EZ300D5HE3 *	SMA	1	0.0001	228	300	0.8	2300	9500	0.25
SMA1EZ330D5HE3 *	SMA	1	0.0001	250.2	330	0.7	2500	9500	0.25
SMAZ10HE3 *	SMA	1	0.001	7.6	10	50	4	200	1
SMAZ12HE3 *	SMA	1	0.001	9.1	12	50	7	150	1
SMAZ15HE3 *	SMA	1	0.001	11.4	15	50	10	150	1
SMAZ16HE3 *	SMA	1	0.0005	12.2	16	25	15	150	1
SMAZ18HE3 *	SMA	1	0.0005	13.7	18	25	15	150	1
SMAZ20HE3 *	SMA	1	0.0005	15.2	20	25	15	180	1
SMAZ22HE3 *	SMA	1	0.0005	16.7	22	25	15	180	1
SMAZ24HE3 *	SMA	1	0.0005	18.2	24	25	15	180	1
SMAZ27HE3 *	SMA	1	0.0005	20.5	27	25	15	200	1
SMAZ30HE3 *	SMA	1	0.0005	22.8	30	25	15	250	1
SMAZ33HE3 *	SMA	1	0.0005	25.1	33	25	15	300	1
SMAZ36HE3 *	SMA	1	0.0005	27.4	36	10	40	350	1
SMAZ39HE3 *	SMA	1	0.0005	29.6	39	10	40	450	1
SMAZ5V1	SMA	1	0.0025	1	5.1	100	5	500	1
SMAZ5V6	SMA	1	0.005	2	5.6	100	2	250	2
SMAZ6V2	SMA	1	0.005	3	6.2	100	2	200	2
SMAZ6V8	SMA	1	0.005	4	6.8	100	2	200	1
SMAZ7V5	SMA	1	0.005	5	7.5	100	2	450	1
SMAZ8V2	SMA	1	0.005	6	8.2	100	2	200	1
SMAZ9V1	SMA	1	0.005	7	9.1	50	4	200	1
SMAZ10	SMA	1	0.001	7.6	10	50	4	200	1
SMAZ12	SMA	1	0.001	9.1	12	50	7	150	1
SMAZ15	SMA	1	0.001	11.4	15	50	10	150	1
SMAZ16	SMA	1	0.0005	12.2	16	25	15	150	1
SMAZ18	SMA	1	0.0005	13.7	18	25	15	150	1
SMAZ20	SMA	1	0.0005	15.2	20	25	15	180	1
SMAZ22	SMA	1	0.0005	16.7	22	25	15	180	1
SMAZ24	SMA	1	0.0005	18.2	24	25	15	180	1
SMAZ27	SMA	1	0.0005	20.5	27	25	15	200	1
SMAZ30	SMA	1	0.0005	22.8	30	25	15	250	1
SMAZ33	SMA	1	0.0005	25.1	33	25	15	300	1
SMAZ36	SMA	1	0.0005	27.4	36	10	40	350	1
SMAZ39	SMA	1	0.0005	29.6	39	10	40	450	1
SMA1EZ110D5	SMA	1	0.0001	83.6	110	2.3	450	4000	0.25
SMA1EZ120D5	SMA	1	0.0001	91.2	120	2	550	4500	0.25
SMA1EZ130D5	SMA	1	0.0001	98.8	130	1.9	700	5000	0.25
SMA1EZ150D5	SMA	1	0.0001	114	150	1.7	1000	6000	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMA1EZ160D5	SMA	1	0.0001	121.6	160	1.6	1100	6500	0.25
SMA1EZ180D5	SMA	1	0.0001	136.8	180	1.4	1200	7000	0.25
SMA1EZ200D5	SMA	1	0.0001	152	200	1.2	1900	9990	0.25
SMA1EZ220D5	SMA	1	0.0001	167.2	220	1	1600	8000	0.25
SMA1EZ240D5	SMA	1	0.0001	182.4	240	0.9	1800	8500	0.25
SMA1EZ250D5	SMA	1	0.0001	190	250	0.9	2000	9000	0.25
SMA1EZ270D5	SMA	1	0.0001	205	270	0.8	2100	9000	0.25
SMA1EZ300D5	SMA	1	0.0001	228	300	0.8	2300	9500	0.25
SMA1EZ330D5	SMA	1	0.0001	250.2	330	0.7	2500	9500	0.25
SMAJ4733A	SMA	1	0.01	1	5.1	49	7	550	1
SMAJ4734A	SMA	1	0.01	2	5.6	45	5	600	1
SMAJ4735A	SMA	1	0.01	3	6.2	41	2	700	1
SMAJ4736A	SMA	1	0.01	4	6.8	37	3.5	700	1
SMAJ4737A	SMA	1	0.01	5	7.5	34	4	700	0.5
SMAJ4738A	SMA	1	0.01	6	8.2	31	4.5	700	0.5
SMAJ4739A	SMA	1	0.01	7	9.1	28	5	700	0.5
SMAJ4740A	SMA	1	0.01	7.6	10	25	7	700	0.25
SMAJ4741A	SMA	1	0.005	8.4	11	23	8	700	0.25
SMAJ4742A	SMA	1	0.005	9.1	12	21	9	700	0.25
SMAJ4743A	SMA	1	0.005	9.9	13	19	10	700	0.25
SMAJ4744A	SMA	1	0.005	11.4	15	17	14	700	0.25
SMAJ4745A	SMA	1	0.005	12.2	16	15.5	16	700	0.25
SMAJ4746A	SMA	1	0.005	13.7	18	14	20	750	0.25
SMAJ4747A	SMA	1	0.005	15.2	20	12.5	22	750	0.25
SMAJ4748A	SMA	1	0.005	16.7	22	11.5	23	750	0.25
SMAJ4749A	SMA	1	0.005	18.2	24	10.5	25	750	0.25
SMAJ4750A	SMA	1	0.005	20.6	27	9.5	35	750	0.25
SMAJ4751A	SMA	1	0.005	22.8	30	8.5	40	1000	0.25
SMAJ4752A	SMA	1	0.005	25.1	33	7.5	45	1000	0.25
SMAJ4753A	SMA	1	0.005	27.4	36	7	50	1000	0.25
SMAJ4754A	SMA	1	0.005	29.7	39	6.5	60	1000	0.25
SMAJ4755A	SMA	1	0.005	32.7	43	6	70	1500	0.25
SMAJ4756A	SMA	1	0.005	35.8	47	5.5	80	1500	0.25
SMAJ4757A	SMA	1	0.005	38.8	51	5	95	1500	0.25
SMAJ4758A	SMA	1	0.005	42.6	56	4.5	110	2000	0.25
SMAJ4759A	SMA	1	0.005	47.1	62	4	125	2000	0.25
SMAJ4760A	SMA	1	0.005	51.7	68	3.7	150	2000	0.25
SMAJ4761A	SMA	1	0.005	56	75	3.3	175	2000	0.25
SMAJ4762A	SMA	1	0.005	62.2	82	3	200	3000	0.25
SMAJ4763A	SMA	1	0.005	69.2	91	2.8	250	3000	0.25
SMAJ4764A	SMA	1	0.005	76	100	2.5	350	3000	0.25
SMAJ4740AHE3 *	SMA	1	0.01	7.6	10	25	7	700	0.25
SMAJ4741AHE3 *	SMA	1	0.005	8.4	11	23	8	700	0.25
SMAJ4742AHE3 *	SMA	1	0.005	9.1	12	21	9	700	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)
SMAJ4743AHE3 *	SMA	1	0.005	9.9	13	19	10	700	0.25
SMAJ4744AHE3 *	SMA	1	0.005	11.4	15	17	14	700	0.25
SMAJ4745AHE3 *	SMA	1	0.005	12.2	16	15.5	16	700	0.25
SMAJ4746AHE3 *	SMA	1	0.005	13.7	18	14	20	750	0.25
SMAJ4747AHE3 *	SMA	1	0.005	15.2	20	12.5	22	750	0.25
SMAJ4748AHE3 *	SMA	1	0.005	16.7	22	11.5	23	750	0.25
SMAJ4749AHE3 *	SMA	1	0.005	18.2	24	10.5	25	750	0.25
SMAJ4750AHE3 *	SMA	1	0.005	20.6	27	9.5	35	750	0.25
SMAJ4751AHE3 *	SMA	1	0.005	22.8	30	8.5	40	1000	0.25
SMAJ4752AHE3 *	SMA	1	0.005	25.1	33	7.5	45	1000	0.25
SMAJ4753AHE3 *	SMA	1	0.005	27.4	36	7	50	1000	0.25
SMAJ4754AHE3 *	SMA	1	0.005	29.7	39	6.5	60	1000	0.25
SMAJ4755AHE3 *	SMA	1	0.005	32.7	43	6	70	1500	0.25
SMAJ4756AHE3 *	SMA	1	0.005	35.8	47	5.5	80	1500	0.25
SMAJ4757AHE3 *	SMA	1	0.005	38.8	51	5	95	1500	0.25
SMAJ4758AHE3 *	SMA	1	0.005	42.6	56	4.5	110	2000	0.25
SMAJ4759AHE3 *	SMA	1	0.005	47.1	62	4	125	2000	0.25
SMAJ4760AHE3 *	SMA	1	0.005	51.7	68	3.7	150	2000	0.25
SMAJ4761AHE3 *	SMA	1	0.005	56	75	3.3	175	2000	0.25
SMAJ4762AHE3 *	SMA	1	0.005	62.2	82	3	200	3000	0.25
SMAJ4763AHE3 *	SMA	1	0.005	69.2	91	2.8	250	3000	0.25
SMAJ4764AHE3 *	SMA	1	0.005	76	100	2.5	350	3000	0.25
SMAJ5918B	SMA	1.5	0.005	2	5.1	73.5	4	350	1
SMAJ5919B	SMA	1.5	0.005	3	5.6	66.9	2	250	1
SMAJ5920B	SMA	1.5	0.005	4	6.2	60.5	2	200	1
SMAJ5921B	SMA	1.5	0.005	5.2	6.8	55.1	2.5	200	1
SMAJ5922B	SMA	1.5	0.005	6.2	7.5	50	3	400	0.5
SMAJ5923B	SMA	1.5	0.005	6.5	8.2	45.7	3.5	400	0.5
SMAJ5924B	SMA	1.5	0.005	7	9.1	41.2	4	500	0.25
SMAJ5925B	SMA	1.5	0.005	8	10	37.5	4.5	500	0.25
SMAJ5926B	SMA	1.5	0.001	8.4	11	34.1	5.5	550	0.25
SMAJ5927B	SMA	1.5	0.001	9.1	12	31.2	6.5	550	0.25
SMAJ5928B	SMA	1.5	0.001	9.9	13	28.8	7	550	0.25
SMAJ5929B	SMA	1.5	0.001	11.4	15	25	9	600	0.25
SMAJ5930B	SMA	1.5	0.001	12.2	16	23.4	10	600	0.25
SMAJ5931B	SMA	1.5	0.001	13.7	18	20.8	12	650	0.25
SMAJ5932B	SMA	1.5	0.001	15.2	20	18.7	14	650	0.25
SMAJ5933B	SMA	1.5	0.001	16.7	22	17	17.5	650	0.25
SMAJ5934B	SMA	1.5	0.001	18.2	24	15.6	19	700	0.25
SMAJ5935B	SMA	1.5	0.001	20.6	27	13.9	23	700	0.25
SMAJ5936B	SMA	1.5	0.001	22.8	30	12.5	28	750	0.25
SMAJ5937B	SMA	1.5	0.001	25.1	33	11.4	33	800	0.25
SMAJ5938B	SMA	1.5	0.001	27.4	36	10.4	38	850	0.25
SMAJ5939B	SMA	1.5	0.001	29.7	39	9.6	45	900	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMAJ5940B	SMA	1.5	0.001	32.7	43	8.7	53	950	0.25
SMAJ5941B	SMA	1.5	0.001	35.8	47	8	67	1000	0.25
SMAJ5942B	SMA	1.5	0.001	38.8	51	7.3	70	1100	0.25
SMAJ5943B	SMA	1.5	0.001	42.6	56	6.7	86	1300	0.25
SMAJ5944B	SMA	1.5	0.001	47.1	62	6	100	1500	0.25
SMAJ5945B	SMA	1.5	0.001	51.7	68	5.5	120	1700	0.25
SMAJ5946B	SMA	1.5	0.001	56	75	5	140	2000	0.25
SMAJ5947B	SMA	1.5	0.001	62.2	82	4.6	160	2500	0.25
SMAJ5948B	SMA	1.5	0.001	69.2	91	4.1	200	3000	0.25
SMAJ5949B	SMA	1.5	0.001	76	100	3.7	250	3100	0.25
SMAJ5950B	SMA	1.5	0.001	83.6	110	3.4	300	4000	0.25
SMAJ5951B	SMA	1.5	0.001	91.2	120	3.1	380	4500	0.25
SMAJ5952B	SMA	1.5	0.001	98.8	130	2.9	450	5000	0.25
SMAJ5953B	SMA	1.5	0.001	114	150	2.5	600	6000	0.25
SMAJ5954B	SMA	1.5	0.001	121.6	160	2.3	700	6500	0.25
SMAJ5955B	SMA	1.5	0.001	136.8	180	2.1	900	7000	0.25
SMAJ5956B	SMA	1.5	0.001	152	200	1.9	1200	8000	0.25
SMAJ5925BHE3 *	SMA	1.5	0.005	8	10	37.5	4.5	500	0.25
SMAJ5926BHE3 *	SMA	1.5	0.001	8.4	11	34.1	5.5	550	0.25
SMAJ5927BHE3 *	SMA	1.5	0.001	9.1	12	31.2	6.5	550	0.25
SMAJ5928BHE3 *	SMA	1.5	0.001	9.9	13	28.8	7	550	0.25
SMAJ5929BHE3 *	SMA	1.5	0.001	11.4	15	25	9	600	0.25
SMAJ5930BHE3 *	SMA	1.5	0.001	12.2	16	23.4	10	600	0.25
SMAJ5931BHE3 *	SMA	1.5	0.001	13.7	18	20.8	12	650	0.25
SMAJ5932BHE3 *	SMA	1.5	0.001	15.2	20	18.7	14	650	0.25
SMAJ5933BHE3 *	SMA	1.5	0.001	16.7	22	17	17.5	650	0.25
SMAJ5934BHE3 *	SMA	1.5	0.001	18.2	24	15.6	19	700	0.25
SMAJ5935BHE3 *	SMA	1.5	0.001	20.6	27	13.9	23	700	0.25
SMAJ5936BHE3 *	SMA	1.5	0.001	22.8	30	12.5	28	750	0.25
SMAJ5937BHE3 *	SMA	1.5	0.001	25.1	33	11.4	33	800	0.25
SMAJ5938BHE3 *	SMA	1.5	0.001	27.4	36	10.4	38	850	0.25
SMAJ5939BHE3 *	SMA	1.5	0.001	29.7	39	9.6	45	900	0.25
SMAJ5940BHE3 *	SMA	1.5	0.001	32.7	43	8.7	53	950	0.25
SMAJ5941BHE3 *	SMA	1.5	0.001	35.8	47	8	67	1000	0.25
SMAJ5942BHE3 *	SMA	1.5	0.001	38.8	51	7.3	70	1100	0.25
SMAJ5943BHE3 *	SMA	1.5	0.001	42.6	56	6.7	86	1300	0.25
SMAJ5944BHE3 *	SMA	1.5	0.001	47.1	62	6	100	1500	0.25
SMAJ5945BHE3 *	SMA	1.5	0.001	51.7	68	5.5	120	1700	0.25
SMAJ5946BHE3 *	SMA	1.5	0.001	56	75	5	140	2000	0.25
SMAJ5947BHE3 *	SMA	1.5	0.001	62.2	82	4.6	160	2500	0.25
SMAJ5948BHE3 *	SMA	1.5	0.001	69.2	91	4.1	200	3000	0.25
SMAJ5949BHE3 *	SMA	1.5	0.001	76	100	3.7	250	3100	0.25
SMAJ5950BHE3 *	SMA	1.5	0.001	83.6	110	3.4	300	4000	0.25
SMAJ5951BHE3 *	SMA	1.5	0.001	91.2	120	3.1	380	4500	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)
SMAJ5952BHE3 *	SMA	1.5	0.001	98.8	130	2.9	450	5000	0.25
SMAJ5953BHE3 *	SMA	1.5	0.001	114	150	2.5	600	6000	0.25
SMAJ5954BHE3 *	SMA	1.5	0.001	121.6	160	2.3	700	6500	0.25
SMAJ5955BHE3 *	SMA	1.5	0.001	136.8	180	2.1	900	7000	0.25
SMAJ5956BHE3 *	SMA	1.5	0.001	152	200	1.9	1200	8000	0.25
SMA2EZ10D5HE3 *	SMA	2	0.003	7.6	10	50	3.5	700	0.25
SMA2EZ11D5HE3 *	SMA	2	0.001	8.4	11	44.5	4	700	0.25
SMA2EZ12D5HE3 *	SMA	2	0.001	9.1	12	41.5	4.5	700	0.25
SMA2EZ13D5HE3 *	SMA	2	0.0005	9.9	13	38.5	5	700	0.25
SMA2EZ14D5HE3 *	SMA	2	0.0005	10.6	14	35.7	5.5	700	0.25
SMA2EZ15D5HE3 *	SMA	2	0.0005	11.4	15	33.4	7	700	0.25
SMA2EZ16D5HE3 *	SMA	2	0.0005	12.2	16	31.2	8	700	0.25
SMA2EZ17D5HE3 *	SMA	2	0.0005	13	17	29.4	9	750	0.25
SMA2EZ18D5HE3 *	SMA	2	0.0005	13.7	18	27.8	10	750	0.25
SMA2EZ19D5HE3 *	SMA	2	0.0005	14.4	19	26.3	11	750	0.25
SMA2EZ20D5HE3 *	SMA	2	0.0005	15.2	20	25	11	750	0.25
SMA2EZ22D5HE3 *	SMA	2	0.0005	16.7	22	22.8	12	750	0.25
SMA2EZ24D5HE3 *	SMA	2	0.0005	18.2	24	20.8	13	750	0.25
SMA2EZ27D5HE3 *	SMA	2	0.0005	20.6	27	18.5	18	750	0.25
SMA2EZ30D5HE3 *	SMA	2	0.0005	22.5	30	16.6	20	1000	0.25
SMA2EZ33D5HE3 *	SMA	2	0.0005	25.1	33	15.1	23	1000	0.25
SMA2EZ36D5HE3 *	SMA	2	0.0005	27.4	36	13.9	25	1000	0.25
SMA2EZ39D5HE3 *	SMA	2	0.0005	29.7	39	12.8	30	1000	0.25
SMA2EZ43D5HE3 *	SMA	2	0.0005	32.7	43	11.6	35	1500	0.25
SMA2EZ47D5HE3 *	SMA	2	0.0005	35.8	47	10.6	40	1500	0.25
SMA2EZ51D5HE3 *	SMA	2	0.0005	38.8	51	9.8	48	1500	0.25
SMA2EZ56D5HE3 *	SMA	2	0.0005	42.6	56	9	55	2000	0.25
SMA2EZ62D5HE3 *	SMA	2	0.0005	47.1	62	8.1	60	2000	0.25
SMA2EZ68D5HE3 *	SMA	2	0.0005	51.7	68	7.4	75	2000	0.25
SMA2EZ75D5HE3 *	SMA	2	0.0005	56	75	6.7	90	2000	0.25
SMA2EZ5.1D5	SMA	2	0.005	1	5.1	98	3.5	600	1
SMA2EZ5.6D5	SMA	2	0.005	2	5.6	89.5	2.5	500	1
SMA2EZ6.2D5	SMA	2	0.005	3	6.2	80.5	1.5	700	1
SMA2EZ6.8D5	SMA	2	0.005	4	6.8	73.5	2	700	1
SMA2EZ7.5D5	SMA	2	0.005	5	7.5	66.5	2	700	0.5
SMA2EZ8.2D5	SMA	2	0.005	6	8.2	61	2.3	700	0.5
SMA2EZ9.1D5	SMA	2	0.003	7	9.1	55	2.5	700	0.5
SMA2EZ10D5	SMA	2	0.003	7.6	10	50	3.5	700	0.25
SMA2EZ11D5	SMA	2	0.001	8.4	11	44.5	4	700	0.25
SMA2EZ12D5	SMA	2	0.001	9.1	12	41.5	4.5	700	0.25
SMA2EZ13D5	SMA	2	0.0005	9.9	13	38.5	5	700	0.25
SMA2EZ14D5	SMA	2	0.0005	10.6	14	35.7	5.5	700	0.25
SMA2EZ15D5	SMA	2	0.0005	11.4	15	33.4	7	700	0.25
SMA2EZ16D5	SMA	2	0.0005	12.2	16	31.2	8	700	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMA2EZ17D5	SMA	2	0.0005	13	17	29.4	9	750	0.25
SMA2EZ18D5	SMA	2	0.0005	13.7	18	27.8	10	750	0.25
SMA2EZ19D5	SMA	2	0.0005	14.4	19	26.3	11	750	0.25
SMA2EZ20D5	SMA	2	0.0005	15.2	20	25	11	750	0.25
SMA2EZ22D5	SMA	2	0.0005	16.7	22	22.8	12	750	0.25
SMA2EZ24D5	SMA	2	0.0005	18.2	24	20.8	13	750	0.25
SMA2EZ27D5	SMA	2	0.0005	20.6	27	18.5	18	750	0.25
SMA2EZ30D5	SMA	2	0.0005	22.5	30	16.6	20	1000	0.25
SMA2EZ33D5	SMA	2	0.0005	25.1	33	15.1	23	1000	0.25
SMA2EZ36D5	SMA	2	0.0005	27.4	36	13.9	25	1000	0.25
SMA2EZ39D5	SMA	2	0.0005	29.7	39	12.8	30	1000	0.25
SMA2EZ43D5	SMA	2	0.0005	32.7	43	11.6	35	1500	0.25
SMA2EZ47D5	SMA	2	0.0005	35.8	47	10.6	40	1500	0.25
SMA2EZ51D5	SMA	2	0.0005	38.8	51	9.8	48	1500	0.25
SMA2EZ56D5	SMA	2	0.0005	42.6	56	9	55	2000	0.25
SMA2EZ62D5	SMA	2	0.0005	47.1	62	8.1	60	2000	0.25
SMA2EZ68D5	SMA	2	0.0005	51.7	68	7.4	75	2000	0.25
SMA2EZ75D5	SMA	2	0.0005	56	75	6.7	90	2000	0.25
3SMAJ5918B	SMA	3	0.005	2	5.1	73.5	4	350	1
3SMAJ5919B	SMA	3	0.005	3	5.6	66.9	2	250	1
3SMAJ5920B	SMA	3	0.005	4	6.2	60.5	2	200	1
3SMAJ5921B	SMA	3	0.005	5.2	6.8	55.1	2.5	200	1
3SMAJ5922B	SMA	3	0.005	6	7.5	50	3	400	0.5
3SMAJ5923B	SMA	3	0.005	6.5	8.2	45.7	3.5	400	0.5
3SMAJ5924B	SMA	3	0.005	7	9.1	41.2	4	500	0.5
3SMAJ5925B	SMA	3	0.005	8	10	37.5	4.5	500	0.25
3SMAJ5926B	SMA	3	0.001	8.4	11	34.1	5.5	550	0.25
3SMAJ5927B	SMA	3	0.001	9.1	12	31.2	6.5	550	0.25
3SMAJ5928B	SMA	3	0.001	9.9	13	28.8	7	550	0.25
3SMAJ5929B	SMA	3	0.001	11.4	15	25	9	600	0.25
3SMAJ5930B	SMA	3	0.001	12.2	16	23.4	10	600	0.25
3SMAJ5931B	SMA	3	0.001	13.7	18	20.8	12	650	0.25
3SMAJ5932B	SMA	3	0.001	15.2	20	18.7	14	650	0.25
3SMAJ5933B	SMA	3	0.001	16.7	22	17	17.5	650	0.25
3SMAJ5934B	SMA	3	0.001	18.2	24	15.6	19	700	0.25
3SMAJ5935B	SMA	3	0.001	20.6	27	13.9	23	700	0.25
3SMAJ5936B	SMA	3	0.001	22.8	30	12.5	28	750	0.25
3SMAJ5937B	SMA	3	0.001	25.1	33	11.4	33	800	0.25
3SMAJ5938B	SMA	3	0.001	27.4	36	10.4	38	850	0.25
3SMAJ5939B	SMA	3	0.001	29.7	39	9.6	45	900	0.25
3SMAJ5940B	SMA	3	0.001	32.7	43	8.7	53	950	0.25
3SMAJ5941B	SMA	3	0.001	35.8	47	8	67	1000	0.25
3SMAJ5942B	SMA	3	0.001	38.8	51	7.3	70	1100	0.25
3SMAJ5943B	SMA	3	0.001	42.6	56	6.7	86	1300	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)
3SMAJ5944B	SMA	3	0.001	47.1	62	6	100	1500	0.25
3SMAJ5945B	SMA	3	0.001	51.7	68	5.5	120	1700	0.25
3SMAJ5946B	SMA	3	0.001	56	75	5	140	2000	0.25
3SMAJ5947B	SMA	3	0.001	62.2	82	4.6	160	2500	0.25
3SMAJ5948B	SMA	3	0.001	69.2	91	4.1	200	3000	0.25
3SMAJ5949B	SMA	3	0.001	76	100	3.7	250	3100	0.25
3SMAJ5950B	SMA	3	0.001	83.6	110	3.4	300	4000	0.25
3SMAJ5951B	SMA	3	0.001	91.2	120	3.1	380	4500	0.25
3SMAJ5952B	SMA	3	0.001	98.8	130	2.9	450	5000	0.25
3SMAJ5953B	SMA	3	0.001	114	150	2.5	600	6000	0.25
3SMAJ5954B	SMA	3	0.001	121.6	160	2.3	700	6500	0.25
3SMAJ5955B	SMA	3	0.001	136.8	180	2.1	900	7000	0.25
3SMAJ5956B	SMA	3	0.001	152	200	1.9	1200	8000	0.25
3SMAJ5925BHE3 *	SMA	3	0.005	8	10	37.5	4.5	500	0.25
3SMAJ5926BHE3 *	SMA	3	0.001	8.4	11	34.1	5.5	550	0.25
3SMAJ5927BHE3 *	SMA	3	0.001	9.1	12	31.2	6.5	550	0.25
3SMAJ5928BHE3 *	SMA	3	0.001	9.9	13	28.8	7	550	0.25
3SMAJ5929BHE3 *	SMA	3	0.001	11.4	15	25	9	600	0.25
3SMAJ5930BHE3 *	SMA	3	0.001	12.2	16	23.4	10	600	0.25
3SMAJ5931BHE3 *	SMA	3	0.001	13.7	18	20.8	12	650	0.25
3SMAJ5932BHE3 *	SMA	3	0.001	15.2	20	18.7	14	650	0.25
3SMAJ5933BHE3 *	SMA	3	0.001	16.7	22	17	17.5	650	0.25
3SMAJ5934BHE3 *	SMA	3	0.001	18.2	24	15.6	19	700	0.25
3SMAJ5935BHE3 *	SMA	3	0.001	20.6	27	13.9	23	700	0.25
3SMAJ5936BHE3 *	SMA	3	0.001	22.8	30	12.5	28	750	0.25
3SMAJ5937BHE3 *	SMA	3	0.001	25.1	33	11.4	33	800	0.25
3SMAJ5938BHE3 *	SMA	3	0.001	27.4	36	10.4	38	850	0.25
3SMAJ5939BHE3 *	SMA	3	0.001	29.7	39	9.6	45	900	0.25
3SMAJ5940BHE3 *	SMA	3	0.001	32.7	43	8.7	53	950	0.25
3SMAJ5941BHE3 *	SMA	3	0.001	35.8	47	8	67	1000	0.25
3SMAJ5942BHE3 *	SMA	3	0.001	38.8	51	7.3	70	1100	0.25
3SMAJ5943BHE3 *	SMA	3	0.001	42.6	56	6.7	86	1300	0.25
3SMAJ5944BHE3 *	SMA	3	0.001	47.1	62	6	100	1500	0.25
3SMAJ5945BHE3 *	SMA	3	0.001	51.7	68	5.5	120	1700	0.25
3SMAJ5946BHE3 *	SMA	3	0.001	56	75	5	140	2000	0.25
3SMAJ5947BHE3 *	SMA	3	0.001	62.2	82	4.6	160	2500	0.25
3SMAJ5948BHE3 *	SMA	3	0.001	69.2	91	4.1	200	3000	0.25
3SMAJ5949BHE3 *	SMA	3	0.001	76	100	3.7	250	3100	0.25
3SMAJ5950BHE3 *	SMA	3	0.001	83.6	110	3.4	300	4000	0.25
3SMAJ5951BHE3 *	SMA	3	0.001	91.2	120	3.1	380	4500	0.25
3SMAJ5952BHE3 *	SMA	3	0.001	98.8	130	2.9	450	5000	0.25
3SMAJ5953BHE3 *	SMA	3	0.001	114	150	2.5	600	6000	0.25
3SMAJ5954BHE3 *	SMA	3	0.001	121.6	160	2.3	700	6500	0.25
3SMAJ5955BHE3 *	SMA	3	0.001	136.8	180	2.1	900	7000	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
3SMAJ5956BHE3 *	SMA	3	0.001	152	200	1.9	1200	8000	0.25
SMA3EZ6.2D5	SMA	3	0.005	3	6.2	121	1.5	700	1
SMA3EZ6.8D5	SMA	3	0.005	4	6.8	110	2	700	1
SMA3EZ7.5D5	SMA	3	0.005	5	7.5	100	2	700	0.5
SMA3EZ8.2D5	SMA	3	0.005	6	8.2	91	2.3	700	0.5
SMA3EZ9.1D5	SMA	3	0.003	7	9.1	82	2.5	700	0.5
SMA3EZ10D5	SMA	3	0.003	7.6	10	75	3.5	700	0.25
SMA3EZ11D5	SMA	3	0.001	8.4	11	68	4	700	0.25
SMA3EZ12D5	SMA	3	0.001	9.1	12	63	4.5	700	0.25
SMA3EZ13D5	SMA	3	0.0005	9.9	13	58	4.5	700	0.25
SMA3EZ14D5	SMA	3	0.0005	10.6	14	53	5	700	0.25
SMA3EZ15D5	SMA	3	0.0005	11.4	15	50	5.5	700	0.25
SMA3EZ16D5	SMA	3	0.0005	12.2	16	47	5.5	700	0.25
SMA3EZ17D5	SMA	3	0.0005	13	17	44	6	750	0.25
SMA3EZ18D5	SMA	3	0.0005	13.7	18	42	6	750	0.25
SMA3EZ19D5	SMA	3	0.0005	14.4	19	40	7	750	0.25
SMA3EZ20D5	SMA	3	0.0005	15.2	20	37	7	750	0.25
SMA3EZ22D5	SMA	3	0.0005	16.7	22	34	8	750	0.25
SMA3EZ24D5	SMA	3	0.0005	18.2	24	31	9	750	0.25
SMA3EZ27D5	SMA	3	0.0005	20.6	27	28	10	750	0.25
SMA3EZ28D5	SMA	3	0.0005	21	28	27	12	750	0.25
SMA3EZ30D5	SMA	3	0.0005	22.5	30	25	16	1000	0.25
SMA3EZ33D5	SMA	3	0.0005	25.1	33	23	20	1000	0.25
SMA3EZ36D5	SMA	3	0.0005	27.4	36	21	22	1000	0.25
SMA3EZ39D5	SMA	3	0.0005	29.7	39	19	28	1000	0.25
SMA3EZ43D5	SMA	3	0.0005	32.7	43	17	33	1500	0.25
SMA3EZ47D5	SMA	3	0.0005	35.6	47	16	38	1500	0.25
SMA3EZ51D5	SMA	3	0.0005	38.8	51	15	45	1500	0.25
SMA3EZ56D5	SMA	3	0.0005	42.6	56	13	50	2000	0.25
SMA3EZ62D5	SMA	3	0.0005	47.1	62	12	55	2000	0.25
SMA3EZ68D5	SMA	3	0.0005	51.7	68	11	70	2000	0.25
SMA3EZ75D5	SMA	3	0.0005	56	75	10	85	2000	0.25
SMA3EZ82D5	SMA	3	0.0005	62.2	82	9.1	95	3000	0.25
SMA3EZ91D5	SMA	3	0.0005	69.2	91	8.2	115	3000	0.25
SMA3EZ100D5	SMA	3	0.0005	76	100	7.5	160	3000	0.25
SMA3EZ110D5	SMA	3	0.0005	83.6	110	6.8	225	4000	0.25
SMA3EZ120D5	SMA	3	0.0005	91.2	120	6.3	300	4500	0.25
SMA3EZ130D5	SMA	3	0.0005	98.8	130	5.8	375	5000	0.25
SMA3EZ140D5	SMA	3	0.0005	106.4	140	5.3	475	5000	0.25
SMA3EZ150D5	SMA	3	0.0005	114	150	5	550	6000	0.25
SMA3EZ160D5	SMA	3	0.0005	121.6	160	4.7	625	6500	0.25
SMA3EZ170D5	SMA	3	0.0005	130.4	170	4.4	650	7000	0.25
SMA3EZ180D5	SMA	3	0.0005	136.8	180	4.2	700	7000	0.25
SMA3EZ190D5	SMA	3	0.0005	144.8	190	4	800	8000	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMA3EZ200D5	SMA	3	0.0005	152	200	3.7	875	8000	0.25
SMA3EZ220D5	SMA	3	0.001	160	220	2	750	8000	0.25
SMA3EZ240D5	SMA	3	0.001	180	240	2	850	8500	0.25
SMA3EZ270D5	SMA	3	0.001	200	270	2	1000	9000	0.25
SMA5C5V1	SMA	3	0.001	1.5	5.1	45	< 10	< 500	1
SMA5C5V6	SMA	3	0.001	2	5.6	45	< 7	< 400	1
SMA5C6V2	SMA	3	0.001	3	6.2	35	< 4	< 300	1
SMA5C6V8	SMA	3	0.001	4	6.8	35	< 3.5	< 300	1
SMA5C7V5	SMA	3	0.001	4.5	7.5	35	< 3	< 200	0.5
SMA5C8V2	SMA	3	0.001	6.2	8.2	25	< 5	< 200	0.5
SMA5C9V1	SMA	3	0.001	6.8	9.1	25	< 5	< 200	0.5
SMA5C10	SMA	3	0.0005	7	10	25	< 7	< 200	0.5
SMA5C11	SMA	3	0.0005	8.2	11	20	< 8	< 300	0.5
SMA5C12	SMA	3	0.0005	9.1	12	20	< 9	< 350	0.5
SMA5C13	SMA	3	0.0005	10	13	20	< 10	< 400	0.5
SMA5C15	SMA	3	0.0005	11	15	15	< 15	< 500	0.5
SMA5C16	SMA	3	0.0005	12	16	15	< 15	< 500	0.5
SMA5C18	SMA	3	0.0005	13	18	15	< 20	< 500	0.5
SMA5C20	SMA	3	0.0005	15	20	10	< 24	< 600	0.5
SMA5C22	SMA	3	0.0005	16	22	10	< 25	< 600	0.5
SMA5C24	SMA	3	0.0005	18	24	10	< 25	< 600	0.5
SMA5C27	SMA	3	0.0005	20	27	8	< 30	< 750	0.25
SMA5C30	SMA	3	0.0005	22	30	8	< 30	< 1000	0.25
SMA5C33	SMA	3	0.0005	24	33	8	< 35	< 1000	0.25
SMA5C36	SMA	3	0.0005	27	36	8	< 40	< 1000	0.25
SMA5C39	SMA	3	0.0005	30	39	6	< 50	< 1000	0.25
SMBJ5918B	SMB	1.5	0.005	2	5.1	73.5	4	350	1
SMBJ5919B	SMB	1.5	0.005	3	5.6	66.9	2	250	1
SMBJ5921B	SMB	1.5	0.005	5.2	6.8	55.1	2.5	200	1
SMBJ5922B	SMB	1.5	0.005	6	7.5	50	3	400	0.5
SMBJ5923B	SMB	1.5	0.005	6.5	8.2	45.7	3.5	400	0.5
SMBJ5924B	SMB	1.5	0.005	7	9.1	41.2	4	500	0.5
SMBJ5925B	SMB	1.5	0.005	8	10	37.5	4.5	500	0.25
SMBJ5926B	SMB	1.5	0.001	8.4	11	34.1	5.5	550	0.25
SMBJ5927B	SMB	1.5	0.001	9.1	12	31.2	6.5	550	0.25
SMBJ5928B	SMB	1.5	0.001	9.9	13	28.8	7	550	0.25
SMBJ5929B	SMB	1.5	0.001	11.4	15	25	9	600	0.25
SMBJ5930B	SMB	1.5	0.001	12.2	16	23.4	10	600	0.25
SMBJ5931B	SMB	1.5	0.001	13.7	18	20.8	12	650	0.25
SMBJ5932B	SMB	1.5	0.001	15.2	20	18.7	14	650	0.25
SMBJ5933B	SMB	1.5	0.001	16.7	22	17	17.5	650	0.25
SMBJ5934B	SMB	1.5	0.001	18.2	24	15.6	19	700	0.25
SMBJ5935B	SMB	1.5	0.001	20.6	27	13.9	23	700	0.25
SMBJ5936B	SMB	1.5	0.001	22.8	30	12.5	28	750	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMBJ5937B	SMB	1.5	0.001	25.1	33	11.4	33	800	0.25
SMBJ5938B	SMB	1.5	0.001	27.4	36	10.4	38	850	0.25
SMBJ5939B	SMB	1.5	0.001	29.7	39	9.6	45	900	0.25
SMBJ5940B	SMB	1.5	0.001	32.7	43	8.7	53	950	0.25
SMBJ5941B	SMB	1.5	0.001	35.8	47	8	67	1000	0.25
SMBJ5942B	SMB	1.5	0.001	38.8	51	7.3	70	1100	0.25
SMBJ5943B	SMB	1.5	0.001	42.6	56	6.7	86	1300	0.25
SMBJ5944B	SMB	1.5	0.001	47.1	62	6	100	1500	0.25
SMBJ5945B	SMB	1.5	0.001	51.2	68	5.5	120	1700	0.25
SMBJ5946B	SMB	1.5	0.001	56	75	5	140	2000	0.25
SMBJ5947B	SMB	1.5	0.001	62.2	82	4.6	160	2500	0.25
SMBJ5948B	SMB	1.5	0.001	69.2	91	4.1	200	3000	0.25
SMBJ5949B	SMB	1.5	0.001	76	100	3.7	250	3100	0.25
SMBJ5950B	SMB	1.5	0.001	83.6	110	3.4	300	4000	0.25
SMBJ5951B	SMB	1.5	0.001	91.2	120	3.1	380	4500	0.25
SMBJ5952B	SMB	1.5	0.001	98.8	130	2.9	450	5000	0.25
SMBJ5953B	SMB	1.5	0.001	114	150	2.5	600	6000	0.25
SMBJ5954B	SMB	1.5	0.001	121.6	160	2.3	700	6500	0.25
SMBJ5955B	SMB	1.5	0.001	136.8	180	2.1	900	7000	0.25
SMBJ5956B	SMB	1.5	0.001	152	200	1.9	1200	8000	0.25
SMBJ5925BHE3 *	SMB	1.5	0.005	8	10	37.5	4.5	500	0.25
SMBJ5926BHE3 *	SMB	1.5	0.001	8.4	11	34.1	5.5	550	0.25
SMBJ5927BHE3 *	SMB	1.5	0.001	9.1	12	31.2	6.5	550	0.25
SMBJ5928BHE3 *	SMB	1.5	0.001	9.9	13	28.8	7	550	0.25
SMBJ5929BHE3 *	SMB	1.5	0.001	11.4	15	25	9	600	0.25
SMBJ5930BHE3 *	SMB	1.5	0.001	12.2	16	23.4	10	600	0.25
SMBJ5931BHE3 *	SMB	1.5	0.001	13.7	18	20.8	12	650	0.25
SMBJ5932BHE3 *	SMB	1.5	0.001	15.2	20	18.7	14	650	0.25
SMBJ5933BHE3 *	SMB	1.5	0.001	16.7	22	17	17.5	650	0.25
SMBJ5934BHE3 *	SMB	1.5	0.001	18.2	24	15.6	19	700	0.25
SMBJ5935BHE3 *	SMB	1.5	0.001	20.6	27	13.9	23	700	0.25
SMBJ5936BHE3 *	SMB	1.5	0.001	22.8	30	12.5	28	750	0.25
SMBJ5937BHE3 *	SMB	1.5	0.001	25.1	33	11.4	33	800	0.25
SMBJ5938BHE3 *	SMB	1.5	0.001	27.4	36	10.4	38	850	0.25
SMBJ5939BHE3 *	SMB	1.5	0.001	29.7	39	9.6	45	900	0.25
SMBJ5940BHE3 *	SMB	1.5	0.001	32.7	43	8.7	53	950	0.25
SMBJ5941BHE3 *	SMB	1.5	0.001	35.8	47	8	67	1000	0.25
SMBJ5942BHE3 *	SMB	1.5	0.001	38.8	51	7.3	70	1100	0.25
SMBJ5943BHE3 *	SMB	1.5	0.001	42.6	56	6.7	86	1300	0.25
SMBJ5944BHE3 *	SMB	1.5	0.001	47.1	62	6	100	1500	0.25
SMBJ5945BHE3 *	SMB	1.5	0.001	51.2	68	5.5	120	1700	0.25
SMBJ5946BHE3 *	SMB	1.5	0.001	56	75	5	140	2000	0.25
SMBJ5947BHE3 *	SMB	1.5	0.001	62.2	82	4.6	160	2500	0.25
SMBJ5948BHE3 *	SMB	1.5	0.001	69.2	91	4.1	200	3000	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMBJ5949BHE3 *	SMB	1.5	0.001	76	100	3.7	250	3100	0.25
SMBJ5950BHE3 *	SMB	1.5	0.001	83.6	110	3.4	300	4000	0.25
SMBJ5951BHE3 *	SMB	1.5	0.001	91.2	120	3.1	380	4500	0.25
SMBJ5952BHE3 *	SMB	1.5	0.001	98.8	130	2.9	450	5000	0.25
SMBJ5953BHE3 *	SMB	1.5	0.001	114	150	2.5	600	6000	0.25
SMBJ5954BHE3 *	SMB	1.5	0.001	121.6	160	2.3	700	6500	0.25
SMBJ5955BHE3 *	SMB	1.5	0.001	136.8	180	2.1	900	7000	0.25
SMBJ5956BHE3 *	SMB	1.5	0.001	152	200	1.9	1200	8000	0.25
SMB2EZ10D5HE3 *	SMB	2	0.003	7.6	10	50	3.5	700	0.25
SMB2EZ11D5HE3 *	SMB	2	0.001	8.4	11	45.5	4	700	0.25
SMB2EZ12D5HE3 *	SMB	2	0.001	9.1	12	41.5	4.5	700	0.25
SMB2EZ13D5HE3 *	SMB	2	0.0005	9.9	13	38.5	5	700	0.25
SMB2EZ14D5HE3 *	SMB	2	0.0005	10.6	14	35.7	5.5	700	0.25
SMB2EZ15D5HE3 *	SMB	2	0.0005	11.4	15	33.4	7	700	0.25
SMB2EZ16D5HE3 *	SMB	2	0.0005	12.2	16	31.2	8	700	0.25
SMB2EZ17D5HE3 *	SMB	2	0.0005	13	17	29.4	9	750	0.25
SMB2EZ18D5HE3 *	SMB	2	0.0005	13.7	18	27.8	10	750	0.25
SMB2EZ19D5HE3 *	SMB	2	0.0005	14.4	19	26.3	11	750	0.25
SMB2EZ20D5HE3 *	SMB	2	0.0005	15.2	20	25	11	750	0.25
SMB2EZ22D5HE3 *	SMB	2	0.0005	16.7	22	22.8	12	750	0.25
SMB2EZ24D5HE3 *	SMB	2	0.0005	18.2	24	20.8	13	750	0.25
SMB2EZ27D5HE3 *	SMB	2	0.0005	20.6	27	18.5	18	750	0.25
SMB2EZ30D5HE3 *	SMB	2	0.0005	22.5	30	16.6	20	1000	0.25
SMB2EZ33D5HE3 *	SMB	2	0.0005	25.1	33	15.1	23	1000	0.25
SMB2EZ36D5HE3 *	SMB	2	0.0005	27.4	36	13.9	25	1000	0.25
SMB2EZ39D5HE3 *	SMB	2	0.0005	29.7	39	12.8	30	1000	0.25
SMB2EZ43D5HE3 *	SMB	2	0.0005	32.7	43	11.6	35	1500	0.25
SMB2EZ47D5HE3 *	SMB	2	0.0005	35.8	47	10.6	40	1500	0.25
SMB2EZ51D5HE3 *	SMB	2	0.0005	38.8	51	9.8	48	1500	0.25
SMB2EZ56D5HE3 *	SMB	2	0.0005	42.6	56	9	55	2000	0.25
SMB2EZ62D5HE3 *	SMB	2	0.0005	47.1	62	8.1	60	2000	0.25
SMB2EZ68D5HE3 *	SMB	2	0.0005	51.7	68	7.4	75	2000	0.25
SMB2EZ75D5HE3 *	SMB	2	0.0005	56	75	6.7	90	2000	0.25
SMB2EZ5.1D5	SMB	2	0.005	1	5.1	98	3.5	600	1
SMB2EZ5.6D5	SMB	2	0.005	2	5.6	89.5	2.5	500	1
SMB2EZ6.2D5	SMB	2	0.005	3	6.2	80.5	1.5	700	1
SMB2EZ6.8D5	SMB	2	0.005	4	6.8	73.5	2	700	1
SMB2EZ7.5D5	SMB	2	0.005	5	7.5	66.5	2	700	0.5
SMB2EZ8.2D5	SMB	2	0.005	6	8.2	61	2.3	700	0.5
SMB2EZ9.1D5	SMB	2	0.003	7	9.1	55	2.5	700	0.5
SMB2EZ10D5	SMB	2	0.003	7.6	10	50	3.5	700	0.25
SMB2EZ11D5	SMB	2	0.001	8.4	11	45.5	4	700	0.25
SMB2EZ12D5	SMB	2	0.001	9.1	12	41.5	4.5	700	0.25
SMB2EZ13D5	SMB	2	0.0005	9.9	13	38.5	5	700	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMB2EZ14D5	SMB	2	0.0005	10.6	14	35.7	5.5	700	0.25
SMB2EZ15D5	SMB	2	0.0005	11.4	15	33.4	7	700	0.25
SMB2EZ16D5	SMB	2	0.0005	12.2	16	31.2	8	700	0.25
SMB2EZ17D5	SMB	2	0.0005	13	17	29.4	9	750	0.25
SMB2EZ18D5	SMB	2	0.0005	13.7	18	27.8	10	750	0.25
SMB2EZ19D5	SMB	2	0.0005	14.4	19	26.3	11	750	0.25
SMB2EZ20D5	SMB	2	0.0005	15.2	20	25	11	750	0.25
SMB2EZ22D5	SMB	2	0.0005	16.7	22	22.8	12	750	0.25
SMB2EZ24D5	SMB	2	0.0005	18.2	24	20.8	13	750	0.25
SMB2EZ27D5	SMB	2	0.0005	20.6	27	18.5	18	750	0.25
SMB2EZ30D5	SMB	2	0.0005	22.5	30	16.6	20	1000	0.25
SMB2EZ33D5	SMB	2	0.0005	25.1	33	15.1	23	1000	0.25
SMB2EZ36D5	SMB	2	0.0005	27.4	36	13.9	25	1000	0.25
SMB2EZ39D5	SMB	2	0.0005	29.7	39	12.8	30	1000	0.25
SMB2EZ43D5	SMB	2	0.0005	32.7	43	11.6	35	1500	0.25
SMB2EZ47D5	SMB	2	0.0005	35.8	47	10.6	40	1500	0.25
SMB2EZ51D5	SMB	2	0.0005	38.8	51	9.8	48	1500	0.25
SMB2EZ56D5	SMB	2	0.0005	42.6	56	9	55	2000	0.25
SMB2EZ62D5	SMB	2	0.0005	47.1	62	8.1	60	2000	0.25
SMB2EZ68D5	SMB	2	0.0005	51.7	68	7.4	75	2000	0.25
SMB2EZ75D5	SMB	2	0.0005	56	75	6.7	90	2000	0.25
3SMBJ5918B	SMB	3	0.005	2	5.1	73.5	4	350	1
3SMBJ5919B	SMB	3	0.005	3	5.6	66.9	2	250	1
3SMBJ5920B	SMB	3	0.005	4	6.2	60.5	2	200	1
3SMBJ5921B	SMB	3	0.005	5.2	6.8	55.1	2.5	200	1
3SMBJ5922B	SMB	3	0.005	6	7.5	50	3	400	0.5
3SMBJ5923B	SMB	3	0.005	6.5	8.2	45.7	3.5	400	0.5
3SMBJ5924B	SMB	3	0.005	7	9.1	41.2	4	500	0.5
3SMBJ5925B	SMB	3	0.005	8	10	37.5	4.5	500	0.25
3SMBJ5926B	SMB	3	0.001	8.4	11	34.1	5.5	550	0.25
3SMBJ5927B	SMB	3	0.001	9.1	12	31.2	6.5	550	0.25
3SMBJ5928B	SMB	3	0.001	9.9	13	28.8	7	550	0.25
3SMBJ5929B	SMB	3	0.001	11.4	15	25	9	600	0.25
3SMBJ5930B	SMB	3	0.001	12.2	16	23.4	10	600	0.25
3SMBJ5931B	SMB	3	0.001	13.7	18	20.8	12	650	0.25
3SMBJ5932B	SMB	3	0.001	15.2	20	18.7	14	650	0.25
3SMBJ5933B	SMB	3	0.001	16.7	22	17	17.5	650	0.25
3SMBJ5934B	SMB	3	0.001	18.2	24	15.6	19	700	0.25
3SMBJ5935B	SMB	3	0.001	20.6	27	13.9	23	700	0.25
3SMBJ5936B	SMB	3	0.001	22.8	30	12.5	26	750	0.25
3SMBJ5937B	SMB	3	0.001	25.1	33	11.4	33	800	0.25
3SMBJ5938B	SMB	3	0.001	27.4	36	10.4	38	850	0.25
3SMBJ5939B	SMB	3	0.001	29.7	39	9.6	45	900	0.25
3SMBJ5940B	SMB	3	0.001	32.7	43	8.7	53	950	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)
3SMBJ5941B	SMB	3	0.001	35.8	47	8	67	1000	0.25
3SMBJ5942B	SMB	3	0.001	38.8	51	7.3	70	1100	0.25
3SMBJ5943B	SMB	3	0.001	42.6	56	6.7	86	1300	0.25
3SMBJ5944B	SMB	3	0.001	47.1	62	6	100	1500	0.25
3SMBJ5945B	SMB	3	0.001	51.7	68	5.5	120	1700	0.25
3SMBJ5946B	SMB	3	0.001	56	75	5	140	2000	0.25
3SMBJ5947B	SMB	3	0.001	62.2	82	4.6	160	2500	0.25
3SMBJ5948B	SMB	3	0.001	69.2	91	4.1	200	3000	0.25
3SMBJ5949B	SMB	3	0.001	76	100	3.7	250	3100	0.25
3SMBJ5950B	SMB	3	0.001	83.6	110	3.4	300	4000	0.25
3SMBJ5951B	SMB	3	0.001	91.2	120	3.1	380	4500	0.25
3SMBJ5952B	SMB	3	0.001	98.8	130	2.9	450	5000	0.25
3SMBJ5953B	SMB	3	0.001	114	150	2.5	600	6000	0.25
3SMBJ5954B	SMB	3	0.001	121.6	160	2.3	700	6500	0.25
3SMBJ5955B	SMB	3	0.001	136.8	180	2.1	900	7000	0.25
3SMBJ5956B	SMB	3	0.001	152	200	1.9	1200	8000	0.25
3SMBJ5925BHE3 *	SMB	3	0.005	8	10	37.5	4.5	500	0.25
3SMBJ5926BHE3 *	SMB	3	0.001	8.4	11	34.1	5.5	550	0.25
3SMBJ5927BHE3 *	SMB	3	0.001	9.1	12	31.2	6.5	550	0.25
3SMBJ5928BHE3 *	SMB	3	0.001	9.9	13	28.8	7	550	0.25
3SMBJ5929BHE3 *	SMB	3	0.001	11.4	15	25	9	600	0.25
3SMBJ5930BHE3 *	SMB	3	0.001	12.2	16	23.4	10	600	0.25
3SMBJ5931BHE3 *	SMB	3	0.001	13.7	18	20.8	12	650	0.25
3SMBJ5932BHE3 *	SMB	3	0.001	15.2	20	18.7	14	650	0.25
3SMBJ5933BHE3 *	SMB	3	0.001	16.7	22	17	17.5	650	0.25
3SMBJ5934BHE3 *	SMB	3	0.001	18.2	24	15.6	19	700	0.25
3SMBJ5935BHE3 *	SMB	3	0.001	20.6	27	13.9	23	700	0.25
3SMBJ5936BHE3 *	SMB	3	0.001	22.8	30	12.5	28	750	0.25
3SMBJ5937BHE3 *	SMB	3	0.001	25.1	33	11.4	33	800	0.25
3SMBJ5938BHE3 *	SMB	3	0.001	27.4	36	10.4	38	850	0.25
3SMBJ5939BHE3 *	SMB	3	0.001	29.7	39	9.6	45	900	0.25
3SMBJ5940BHE3 *	SMB	3	0.001	32.7	43	8.7	53	950	0.25
3SMBJ5941BHE3 *	SMB	3	0.001	35.8	47	8	67	1000	0.25
3SMBJ5942BHE3 *	SMB	3	0.001	38.8	51	7.3	70	1100	0.25
3SMBJ5943BHE3 *	SMB	3	0.001	42.6	56	6.7	86	1300	0.25
3SMBJ5944BHE3 *	SMB	3	0.001	47.1	62	6	100	1500	0.25
3SMBJ5945BHE3 *	SMB	3	0.001	51.7	68	5.5	120	1700	0.25
3SMBJ5946BHE3 *	SMB	3	0.001	56	75	5	140	2000	0.25
3SMBJ5947BHE3 *	SMB	3	0.001	62.2	82	4.6	160	2500	0.25
3SMBJ5948BHE3 *	SMB	3	0.001	69.2	91	4.1	200	3000	0.25
3SMBJ5949BHE3 *	SMB	3	0.001	76	100	3.7	250	3100	0.25
3SMBJ5950BHE3 *	SMB	3	0.001	83.6	110	3.4	300	4000	0.25
3SMBJ5951BHE3 *	SMB	3	0.001	91.2	120	3.1	380	4500	0.25
3SMBJ5952BHE3 *	SMB	3	0.001	98.8	130	2.9	450	5000	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
3SMBJ5953BHE3 *	SMB	3	0.001	114	150	2.5	600	6000	0.25
3SMBJ5954BHE3 *	SMB	3	0.001	121.6	160	2.3	700	6500	0.25
3SMBJ5955BHE3 *	SMB	3	0.001	136.8	180	2.1	900	7000	0.25
3SMBJ5956BHE3 *	SMB	3	0.001	152	200	1.9	1200	8000	0.25
SMB3EZ5.6D5	SMB	3	0.005	2	5.6	134	2.5	600	1
SMB3EZ6.2D5	SMB	3	0.005	3	6.2	121	1.5	700	1
SMB3EZ6.8D5	SMB	3	0.005	4	6.8	110	2	700	1
SMB3EZ7.5D5	SMB	3	0.005	5	7.5	100	2	700	0.5
SMB3EZ8.2D5	SMB	3	0.005	6	8.2	91	2.3	700	0.5
SMB3EZ9.1D5	SMB	3	0.003	7	9.1	82	2.5	700	0.5
SMB3EZ10D5	SMB	3	0.003	7.6	10	75	3.5	700	0.25
SMB3EZ11D5	SMB	3	0.001	8.4	11	68	4	700	0.25
SMB3EZ12D5	SMB	3	0.001	9.1	12	63	4.5	700	0.25
SMB3EZ13D5	SMB	3	0.0005	9.9	13	58	4.5	700	0.25
SMB3EZ14D5	SMB	3	0.0005	10.6	14	53	5	700	0.25
SMB3EZ15D5	SMB	3	0.0005	11.4	15	50	5.5	700	0.25
SMB3EZ16D5	SMB	3	0.0005	12.2	16	47	5.5	700	0.25
SMB3EZ17D5	SMB	3	0.0005	13	17	44	6	750	0.25
SMB3EZ18D5	SMB	3	0.0005	13.7	18	42	6	750	0.25
SMB3EZ19D5	SMB	3	0.0005	14.4	19	40	7	750	0.25
SMB3EZ20D5	SMB	3	0.0005	15.2	20	37	7	750	0.25
SMB3EZ22D5	SMB	3	0.0005	16.7	22	34	8	750	0.25
SMB3EZ24D5	SMB	3	0.0005	18.2	24	31	9	750	0.25
SMB3EZ27D5	SMB	3	0.0005	20.6	27	28	10	750	0.25
SMB3EZ28D5	SMB	3	0.0005	21	28	27	12	750	0.25
SMB3EZ30D5	SMB	3	0.0005	22.5	30	25	16	1000	0.25
SMB3EZ33D5	SMB	3	0.0005	25.1	33	23	20	1000	0.25
SMB3EZ36D5	SMB	3	0.0005	27.4	36	21	22	1000	0.25
SMB3EZ39D5	SMB	3	0.0005	29.7	39	19	28	1000	0.25
SMB3EZ43D5	SMB	3	0.0005	32.7	43	17	33	1500	0.25
SMB3EZ47D5	SMB	3	0.0005	35.6	47	16	38	1500	0.25
SMB3EZ51D5	SMB	3	0.0005	38.8	51	15	45	1500	0.25
SMB3EZ56D5	SMB	3	0.0005	42.6	56	13	50	2000	0.25
SMB3EZ62D5	SMB	3	0.0005	47.1	62	12	55	2000	0.25
SMB3EZ68D5	SMB	3	0.0005	51.7	68	11	70	2000	0.25
SMB3EZ75D5	SMB	3	0.0005	56	75	10	85	2000	0.25
SMB3EZ82D5	SMB	3	0.0005	62.2	82	9.1	95	3000	0.25
SMB3EZ91D5	SMB	3	0.0005	69.2	91	8.2	115	3000	0.25
SMB3EZ100D5	SMB	3	0.0005	76	100	7.5	160	3000	0.25
SMB3EZ110D5	SMB	3	0.0005	83.6	110	6.8	225	4000	0.25
SMB3EZ120D5	SMB	3	0.0005	91.2	120	6.3	300	4500	0.25
SMB3EZ130D5	SMB	3	0.0005	98.8	130	5.8	375	5000	0.25
SMB3EZ140D5	SMB	3	0.0005	106.4	140	5.3	475	5000	0.25
SMB3EZ150D5	SMB	3	0.0005	114	150	5	550	6000	0.25

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMB3EZ160D5	SMB	3	0.0005	121.6	160	4.7	625	6500	0.25
SMB3EZ170D5	SMB	3	0.0005	130.4	170	4.4	650	7000	0.25
SMB3EZ180D5	SMB	3	0.0005	136.8	180	4.2	700	7000	0.25
SMB3EZ190D5	SMB	3	0.0005	144.8	190	4	800	8000	0.25
SMB3EZ200D5	SMB	3	0.0005	152	200	3.7	875	8000	0.25
SMBJ5338B	SMB	5	0.001	1	5.1	240	1.5	400	1
SMBJ5339B	SMB	5	0.001	2	5.6	220	1	400	1
SMBJ5340B	SMB	5	0.001	3	6	200	1	300	1
SMBJ5341B	SMB	5	0.001	3	6.2	200	1	200	1
SMBJ5342B	SMB	5	0.01	5.2	6.8	175	1	200	1
SMBJ5343B	SMB	5	0.01	5.7	7.5	175	1.5	200	1
SMBJ5344B	SMB	5	0.01	6.2	8.2	150	1.5	200	1
SMBJ5345B	SMB	5	0.01	6.6	8.7	150	2	200	1
SMBJ5346B	SMB	5	0.0075	6.9	9.1	150	2	150	1
SMBJ5347B	SMB	5	0.005	7.6	10	125	2	125	1
SMBJ5348B	SMB	5	0.005	8.4	11	125	2.5	125	1
SMBJ5349B	SMB	5	0.002	9.1	12	100	2.5	125	1
SMBJ5350B	SMB	5	0.001	9.9	13	100	2.5	100	1
SMBJ5351B	SMB	5	0.001	10.6	14	100	2.5	75	1
SMBJ5352B	SMB	5	0.001	11.5	15	75	2.5	75	1
SMBJ5353B	SMB	5	0.001	12.2	16	75	2.5	75	1
SMBJ5354B	SMB	5	0.0005	12.9	17	70	2.5	75	1
SMBJ5355B	SMB	5	0.0005	13.7	18	65	2.5	75	1
SMBJ5356B	SMB	5	0.0005	14.4	19	65	3	75	1
SMBJ5357B	SMB	5	0.0005	15.2	20	65	3	75	1
SMBJ5358B	SMB	5	0.0005	16.7	22	50	3.5	75	1
SMBJ5359B	SMB	5	0.0005	18.2	24	50	3.5	100	1
SMBJ5360B	SMB	5	0.0005	19	25	50	4	110	1
SMBJ5361B	SMB	5	0.0005	20.6	27	50	5	120	1
SMBJ5362B	SMB	5	0.0005	21.2	28	50	6	130	1
SMBJ5363B	SMB	5	0.0005	22.8	30	40	8	140	1
SMBJ5364B	SMB	5	0.0005	25.1	33	40	10	150	1
SMBJ5365B	SMB	5	0.0005	27.4	36	30	11	160	1
SMBJ5366B	SMB	5	0.0005	29.7	39	30	14	170	1
SMBJ5367B	SMB	5	0.0005	32.7	43	30	20	190	1
SMBJ5368B	SMB	5	0.0005	35.8	47	25	25	210	1
SMBJ5369B	SMB	5	0.0005	38.8	51	25	27	230	1
SMBJ5370B	SMB	5	0.0005	42.6	56	20	35	280	1
SMBJ5371B	SMB	5	0.0005	45.5	60	20	40	350	1
SMBJ5372B	SMB	5	0.0005	47.1	62	20	42	400	1
SMBJ5373B	SMB	5	0.0005	51.7	68	20	44	500	1
SMBJ5374B	SMB	5	0.0005	56	75	20	45	620	1
SMBJ5375B	SMB	5	0.0005	62.2	82	15	65	720	1
SMBJ5376B	SMB	5	0.0005	66	87	15	75	760	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMBJ5377B	SMB	5	0.0005	69.2	91	15	75	760	1
SMBJ5378B	SMB	5	0.0005	76	100	12	90	800	1
SMBJ5379B	SMB	5	0.0005	83.6	110	12	125	1000	1
SMBJ5380B	SMB	5	0.0005	91.2	120	10	170	1150	1
SMBJ5381B	SMB	5	0.0005	98.8	130	10	190	1250	1
SMBJ5382B	SMB	5	0.0005	106	140	8	230	1500	1
SMBJ5383B	SMB	5	0.0005	114	150	8	330	1500	1
SMBJ5384B	SMB	5	0.0005	122	160	8	350	1650	1
SMBJ5385B	SMB	5	0.0005	129	170	8	380	1750	1
SMBJ5386B	SMB	5	0.0005	137	180	5	430	1750	1
SMBJ5387B	SMB	5	0.0005	144	190	5	450	1850	1
SMBJ5388B	SMB	5	0.0005	152	200	5	480	1850	1
SMBJ5347BHE3 *	SMB	5	0.005	7.6	10	125	2	125	1
SMBJ5348BHE3 *	SMB	5	0.005	8.4	11	125	2.5	125	1
SMBJ5349BHE3 *	SMB	5	0.002	9.1	12	100	2.5	125	1
SMBJ5350BHE3 *	SMB	5	0.001	9.9	13	100	2.5	100	1
SMBJ5351BHE3 *	SMB	5	0.001	10.6	14	100	2.5	75	1
SMBJ5352BHE3 *	SMB	5	0.001	11.5	15	75	2.5	75	1
SMBJ5353BHE3 *	SMB	5	0.001	12.2	16	75	2.5	75	1
SMBJ5354BHE3 *	SMB	5	0.0005	12.9	17	70	2.5	75	1
SMBJ5355BHE3 *	SMB	5	0.0005	13.7	18	65	2.5	75	1
SMBJ5356BHE3 *	SMB	5	0.0005	14.4	19	65	3	75	1
SMBJ5357BHE3 *	SMB	5	0.0005	15.2	20	65	3	75	1
SMBJ5358BHE3 *	SMB	5	0.0005	16.7	22	50	3.5	75	1
SMBJ5359BHE3 *	SMB	5	0.0005	18.2	24	50	3.5	100	1
SMBJ5360BHE3 *	SMB	5	0.0005	19	25	50	4	110	1
SMBJ5361BHE3 *	SMB	5	0.0005	20.6	27	50	5	120	1
SMBJ5362BHE3 *	SMB	5	0.0005	21.2	28	50	6	130	1
SMBJ5363BHE3 *	SMB	5	0.0005	22.8	30	40	8	140	1
SMBJ5364BHE3 *	SMB	5	0.0005	25.1	33	40	10	150	1
SMBJ5365BHE3 *	SMB	5	0.0005	27.4	36	30	11	160	1
SMBJ5366BHE3 *	SMB	5	0.0005	29.7	39	30	14	170	1
SMBJ5367BHE3 *	SMB	5	0.0005	32.7	43	30	20	190	1
SMBJ5368BHE3 *	SMB	5	0.0005	35.8	47	25	25	210	1
SMBJ5369BHE3 *	SMB	5	0.0005	38.8	51	25	27	230	1
SMBJ5370BHE3 *	SMB	5	0.0005	42.6	56	20	35	280	1
SMBJ5371BHE3 *	SMB	5	0.0005	45.5	60	20	40	350	1
SMBJ5372BHE3 *	SMB	5	0.0005	47.1	62	20	42	400	1
SMBJ5373BHE3 *	SMB	5	0.0005	51.7	68	20	44	500	1
SMBJ5374BHE3 *	SMB	5	0.0005	56	75	20	45	620	1
SMBJ5375BHE3 *	SMB	5	0.0005	62.2	82	15	65	720	1
SMBJ5376BHE3 *	SMB	5	0.0005	66	87	15	75	760	1
SMBJ5377BHE3 *	SMB	5	0.0005	69.2	91	15	75	760	1
SMBJ5378BHE3 *	SMB	5	0.0005	76	100	12	90	800	1

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
SMBJ5379BHE3 *	SMB	5	0.0005	83.6	110	12	125	1000	1
SMBJ5380BHE3 *	SMB	5	0.0005	91.2	120	10	170	1150	1
SMBJ5381BHE3 *	SMB	5	0.0005	98.8	130	10	190	1250	1
SMBJ5382BHE3 *	SMB	5	0.0005	106	140	8	230	1500	1
SMBJ5383BHE3 *	SMB	5	0.0005	114	150	8	330	1500	1
SMBJ5384BHE3 *	SMB	5	0.0005	122	160	8	350	1650	1
SMBJ5385BHE3 *	SMB	5	0.0005	129	170	8	380	1750	1
SMBJ5386BHE3 *	SMB	5	0.0005	137	180	5	430	1750	1
SMBJ5387BHE3 *	SMB	5	0.0005	144	190	5	450	1850	1
SMBJ5388BHE3 *	SMB	5	0.0005	152	200	5	480	1850	1
3EZ5.1D5	DO-15	3	0.005	1	5.1	147	3.5	550	1
3EZ5.6D5	DO-15	3	0.005	2	5.6	134	2.5	600	1
3EZ6.2D5	DO-15	3	0.005	3	6.2	121	1.5	700	1
3EZ6.8D5	DO-15	3	0.005	4	6.8	110	2	700	1
3EZ7.5D5	DO-15	3	0.005	5	7.5	100	2	700	0.5
3EZ8.2D5	DO-15	3	0.005	6	8.2	91	2.3	700	0.5
3EZ9.1D5	DO-15	3	0.003	7	9.1	82	2.5	700	0.5
3EZ10D5	DO-15	3	0.003	7.6	10	75	3.5	700	0.25
3EZ11D5	DO-15	3	0.001	8.4	11	68	4	700	0.25
3EZ12D5	DO-15	3	0.001	9.1	12	63	4.5	700	0.25
3EZ13D5	DO-15	3	0.0005	9.9	13	58	4.5	700	0.25
3EZ14D5	DO-15	3	0.0005	10.6	14	53	5	700	0.25
3EZ15D5	DO-15	3	0.0005	11.4	15	50	5.5	700	0.25
3EZ16D5	DO-15	3	0.0005	12.2	16	47	5.5	700	0.25
3EZ17D5	DO-15	3	0.0005	13	17	44	6	750	0.25
3EZ18D5	DO-15	3	0.0005	13.7	18	42	6	750	0.25
3EZ19D5	DO-15	3	0.0005	14.4	19	40	7	750	0.25
3EZ20D5	DO-15	3	0.0005	15.2	20	37	7	750	0.25
3EZ22D5	DO-15	3	0.0005	16.7	22	34	8	750	0.25
3EZ24D5	DO-15	3	0.0005	18.2	24	31	9	750	0.25
3EZ27D5	DO-15	3	0.0005	20.6	27	28	10	750	0.25
3EZ28D5	DO-15	3	0.0005	21	28	27	12	750	0.25
3EZ30D5	DO-15	3	0.0005	22.5	30	25	16	1000	0.25
3EZ33D5	DO-15	3	0.0005	25.1	33	23	20	1000	0.25
3EZ36D5	DO-15	3	0.0005	27.4	36	21	22	1000	0.25
3EZ39D5	DO-15	3	0.0005	29.7	39	19	28	1000	0.25
3EZ43D5	DO-15	3	0.0005	32.7	43	17	33	1500	0.25
3EZ47D5	DO-15	3	0.0005	35.6	47	16	38	1500	0.25
3EZ51D5	DO-15	3	0.0005	38.8	51	15	45	1500	0.25
3EZ56D5	DO-15	3	0.0005	42.6	56	13	50	2000	0.25
3EZ62D5	DO-15	3	0.0005	47.1	62	12	55	2000	0.25
3EZ68D5	DO-15	3	0.0005	51.7	68	11	70	2000	0.25
3EZ75D5	DO-15	3	0.0005	56	75	10	85	2000	0.25
1N5338B	DO-15	5	0.001	1	5.1	240	1.5	400	1

*** AEC-Q101 Qualified**

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
1N5339B	DO-15	5	0.001	2	5.6	220	1	400	1
1N5340B	DO-15	5	0.001	3	6	200	1	300	1
1N5341B	DO-15	5	0.001	3	6.2	200	1	200	1
1N5342B	DO-15	5	0.01	5.2	6.8	175	1	200	1
1N5343B	DO-15	5	0.01	5.7	7.5	175	1.5	200	1
1N5344B	DO-15	5	0.01	6.2	8.2	150	1.5	200	1
1N5346B	DO-15	5	0.0075	6.9	9.1	150	2	150	1
1N5347B	DO-15	5	0.005	7.6	10	125	2	125	1
1N5348B	DO-15	5	0.005	8.4	11	125	2.5	125	1
1N5349B	DO-15	5	0.002	9.1	12	100	2.5	125	1
1N5350B	DO-15	5	0.001	9.9	13	100	2.5	100	1
1N5351B	DO-15	5	0.001	10.6	14	100	2.5	75	1
1N5352B	DO-15	5	0.001	11.5	15	75	2.5	75	1
1N5353B	DO-15	5	0.001	12.2	16	75	2.5	75	1
1N5354B	DO-15	5	0.0005	12.9	17	70	2.5	75	1
1N5355B	DO-15	5	0.0005	13.7	18	65	2.5	75	1
1N5356B	DO-15	5	0.0005	14.4	19	65	3	75	1
1N5357B	DO-15	5	0.0005	15.2	20	65	3	75	1
1N5358B	DO-15	5	0.0005	16.7	22	50	3.5	75	1
1N5359B	DO-15	5	0.0005	18.2	24	50	3.5	100	1
1N5360B	DO-15	5	0.0005	19	25	50	4	110	1
1N5361B	DO-15	5	0.0005	20.6	27	50	5	120	1
1N5362B	DO-15	5	0.0005	21.2	28	50	6	130	1
1N5363B	DO-15	5	0.0005	22.8	30	40	8	140	1
1N5364B	DO-15	5	0.0005	25.1	33	40	10	150	1
1N5365B	DO-15	5	0.0005	27.4	36	30	11	160	1
1N5366B	DO-15	5	0.0005	29.7	39	30	14	170	1
1N5367B	DO-15	5	0.0005	32.7	43	30	20	190	1
1N5368B	DO-15	5	0.0005	35.8	47	25	25	210	1
1N5369B	DO-15	5	0.0005	38.8	51	25	27	230	1
1N5370B	DO-15	5	0.0005	42.6	56	20	35	280	1
1N5371B	DO-15	5	0.0005	45.5	60	20	40	350	1
1N5372B	DO-15	5	0.0005	47.1	62	20	42	400	1
1N5373B	DO-15	5	0.0005	51.7	68	20	44	500	1
1N5374B	DO-15	5	0.0005	56	75	20	45	620	1
1N5375B	DO-15	5	0.0005	62.2	82	15	65	720	1
1N5376B	DO-15	5	0.0005	66	87	15	75	760	1
1N5377B	DO-15	5	0.0005	69.2	91	15	75	760	1
1N5378B	DO-15	5	0.0005	76	100	12	90	800	1
1N5379B	DO-15	5	0.0005	83.6	110	12	125	1000	1
1N5380B	DO-15	5	0.0005	91.2	120	10	170	1150	1
1N5381B	DO-15	5	0.0005	98.8	130	10	190	1250	1
1N5382B	DO-15	5	0.0005	106	140	8	230	1500	1
1N5383B	DO-15	5	0.0005	114	150	8	330	1500	1

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)
1N5384B	DO-15	5	0.0005	122	160	8	350	1650	1
1N5385B	DO-15	5	0.0005	129	170	8	380	1750	1
1N5386B	DO-15	5	0.0005	137	180	5	430	1750	1
1N5387B	DO-15	5	0.0005	144	190	5	450	1850	1
1N5388B	DO-15	5	0.0005	152	200	5	480	1850	1
1EZ6.2D5	DO-41	1	0.01	3	6.2	40.3	2	700	1
1EZ6.8D5	DO-41	1	0.01	4	6.8	36.8	3.5	700	1
1EZ7.5D5	DO-41	1	0.01	5	7.5	33.3	4	700	0.5
1EZ8.2D5	DO-41	1	0.01	6	8.2	30.5	4.5	700	0.5
1EZ9.1D5	DO-41	1	0.01	7	9.1	27.5	5	700	0.5
1EZ10D5	DO-41	1	0.01	7.6	10	25	7	700	0.25
1EZ11D5	DO-41	1	0.005	8.4	11	22.7	8	700	0.25
1EZ12D5	DO-41	1	0.005	9.1	12	20.8	9	700	0.25
1EZ13D5	DO-41	1	0.005	9.9	13	19.2	10	700	0.25
1EZ14D5	DO-41	1	0.005	10.6	14	17.9	12	700	0.25
1EZ15D5	DO-41	1	0.005	11.4	15	16.7	14	700	0.25
1EZ16D5	DO-41	1	0.005	12.2	16	15.6	16	700	0.25
1EZ17D5	DO-41	1	0.005	13	17	14.7	18	750	0.25
1EZ18D5	DO-41	1	0.005	13.7	18	13.9	20	750	0.25
1EZ19D5	DO-41	1	0.005	14.4	19	13.2	21	750	0.25
1EZ20D5	DO-41	1	0.005	15.2	20	12.5	22	750	0.25
1EZ22D5	DO-41	1	0.005	16.7	22	11.4	23	750	0.25
1EZ24D5	DO-41	1	0.005	18.2	24	10.4	25	750	0.25
1EZ27D5	DO-41	1	0.005	20.6	27	9.3	35	750	0.25
1EZ30D5	DO-41	1	0.005	22.5	30	8.3	40	1000	0.25
1EZ33D5	DO-41	1	0.005	25.1	33	7.6	45	1000	0.25
1EZ36D5	DO-41	1	0.005	27.4	36	6.9	50	1000	0.25
1EZ39D5	DO-41	1	0.005	29.7	39	6.4	60	1000	0.25
1EZ110D5	DO-41	1	0.0001	83.6	110	2.3	450	4000	0.25
1EZ120D5	DO-41	1	0.0001	91.2	120	2	550	4500	0.25
1EZ130D5	DO-41	1	0.0001	98.8	130	1.9	700	5000	0.25
1EZ140D5	DO-41	1	0.0001	106.4	140	1.8	900	5500	0.25
1EZ150D5	DO-41	1	0.0001	114	150	1.7	1000	6000	0.25
1EZ160D5	DO-41	1	0.0001	121.6	160	1.6	1100	6500	0.25
1EZ170D5	DO-41	1	0.0001	129.2	170	1.5	1150	6800	0.25
1EZ180D5	DO-41	1	0.0001	136.8	180	1.4	1200	7000	0.25
1EZ190D5	DO-41	1	0.0001	144.4	190	1.3	1350	7500	0.25
1EZ200D5	DO-41	1	0.0001	152	200	1.2	1900	9990	0.25
1EZ220D5	DO-41	1	0.0001	167.2	220	1	1600	8000	0.25
1EZ240D5	DO-41	1	0.0001	182.4	240	0.9	1800	8500	0.25
1EZ250D5	DO-41	1	0.0001	190	250	0.9	2000	9000	0.25
1EZ270D5	DO-41	1	0.0001	205	270	0.8	2100	9000	0.25
1EZ300D5	DO-41	1	0.0001	228	300	0.8	2300	9500	0.25
1EZ330D5	DO-41	1	0.0001	250.2	330	0.7	2500	9500	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
1N4736AP	DO-41	1	0.01	4	6.8	37	3.5	700	1
1N4737AP	DO-41	1	0.01	5	7.5	34	4	700	0.5
1N4738AP	DO-41	1	0.01	6	8.2	31	4.5	700	0.5
1N4739AP	DO-41	1	0.01	7	9.1	28	5	700	0.5
1N4740AP	DO-41	1	0.01	7.6	10	25	7	700	0.25
1N4741AP	DO-41	1	0.005	8.4	11	23	8	700	0.25
1N4742AP	DO-41	1	0.005	9.1	12	21	9	700	0.25
1N4743AP	DO-41	1	0.005	9.9	13	19	10	700	0.25
1N4744AP	DO-41	1	0.005	11.4	15	17	14	700	0.25
1N4745AP	DO-41	1	0.005	12.2	16	15.5	16	700	0.25
1N4746AP	DO-41	1	0.005	13.7	18	14	20	750	0.25
1N4747AP	DO-41	1	0.005	15.2	20	12.5	22	750	0.25
1N4748AP	DO-41	1	0.005	16.7	22	11.5	23	750	0.25
1N4749AP	DO-41	1	0.005	18.2	24	10.5	25	750	0.25
1N4750AP	DO-41	1	0.005	20.6	27	9.5	35	750	0.25
1N4751AP	DO-41	1	0.005	22.8	30	8.5	40	1000	0.25
1N4752AP	DO-41	1	0.005	25.1	33	7.5	45	1000	0.25
1N4753AP	DO-41	1	0.005	27.4	36	7	50	1000	0.25
1N4754AP	DO-41	1	0.005	29.7	39	6.5	60	1000	0.25
1N4755AP	DO-41	1	0.005	32.7	43	6	70	1500	0.25
1N4756AP	DO-41	1	0.005	35.8	47	5.5	80	1500	0.25
1N4757AP	DO-41	1	0.005	38.8	51	5	95	1500	0.25
1N4758AP	DO-41	1	0.005	42.6	56	4.5	110	2000	0.25
1N4759AP	DO-41	1	0.005	47.1	62	4	125	2000	0.25
1N4760AP	DO-41	1	0.005	51.7	68	3.7	150	2000	0.25
1N4761AP	DO-41	1	0.005	56	75	3.3	175	2000	0.25
1N4762AP	DO-41	1	0.005	62.2	82	3	200	3000	0.25
1N4763AP	DO-41	1	0.005	69.2	91	2.8	250	3000	0.25
1N4764AP	DO-41	1	0.005	76	100	2.5	350	3000	0.25
1N5920BP	DO-41	1.5	0.005	4	6.2	60.5	2	200	1
1N5921BP	DO-41	1.5	0.005	5.2	6.8	55.1	2.5	200	1
1N5922BP	DO-41	1.5	0.005	6	7.5	50	3	400	0.5
1N5923BP	DO-41	1.5	0.005	6.5	8.2	45.7	3.5	400	0.5
1N5924BP	DO-41	1.5	0.005	7	9.1	41.2	4	500	0.5
1N5925BP	DO-41	1.5	0.005	8	10	37.5	4.5	500	0.25
1N5926BP	DO-41	1.5	0.001	8.4	11	34.1	5.5	550	0.25
1N5927BP	DO-41	1.5	0.001	9.1	12	31.2	6.5	550	0.25
1N5928BP	DO-41	1.5	0.001	9.9	13	28.8	7	550	0.25
1N5929BP	DO-41	1.5	0.001	11.4	15	25	9	600	0.25
1N5930BP	DO-41	1.5	0.001	12.2	16	23.4	10	600	0.25
1N5931BP	DO-41	1.5	0.001	13.7	18	20.8	12	650	0.25
1N5932BP	DO-41	1.5	0.001	15.2	20	18.7	14	650	0.25
1N5933BP	DO-41	1.5	0.001	16.7	22	17	17.5	650	0.25
1N5934BP	DO-41	1.5	0.001	18.2	24	15.6	19	700	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
1N5935BP	DO-41	1.5	0.001	20.6	27	13.9	23	700	0.25
1N5936BP	DO-41	1.5	0.001	22.8	30	12.5	28	750	0.25
1N5937BP	DO-41	1.5	0.001	25.1	33	11.4	33	800	0.25
1N5938BP	DO-41	1.5	0.001	27.4	36	10.4	38	850	0.25
1N5939BP	DO-41	1.5	0.001	29.7	39	9.6	45	900	0.25
1N5940BP	DO-41	1.5	0.001	32.7	43	8.7	53	950	0.25
1N5941BP	DO-41	1.5	0.001	35.8	47	8	67	1000	0.25
1N5942BP	DO-41	1.5	0.001	38.8	51	7.3	70	1100	0.25
1N5943BP	DO-41	1.5	0.001	42.6	56	6.7	86	1300	0.25
1N5944BP	DO-41	1.5	0.001	47.1	62	6	100	1500	0.25
1N5945BP	DO-41	1.5	0.001	51.7	68	5.5	120	1700	0.25
1N5946BP	DO-41	1.5	0.001	56	75	5	140	2000	0.25
1N5947BP	DO-41	1.5	0.001	62.2	82	4.6	160	2500	0.25
1N5948BP	DO-41	1.5	0.001	69.2	91	4.1	200	3000	0.25
1N5949BP	DO-41	1.5	0.001	76	100	3.7	250	3100	0.25
1N5950BP	DO-41	1.5	0.001	83.6	110	3.4	300	4000	0.25
1N5951BP	DO-41	1.5	0.001	91.2	120	3.1	380	4500	0.25
1N5952BP	DO-41	1.5	0.001	98.8	130	2.9	450	5000	0.25
1N5953BP	DO-41	1.5	0.001	114	150	2.5	600	6000	0.25
1N5954BP	DO-41	1.5	0.001	121.6	160	2.3	700	6500	0.25
1N5955BP	DO-41	1.5	0.001	136.8	180	2.1	900	7000	0.25
1N5956BP	DO-41	1.5	0.001	152	200	1.9	1200	8000	0.25
2EZ5.1D5	DO-41	2	0.005	1	5.1	98	3.5	600	1
2EZ5.6D5	DO-41	2	0.005	2	5.6	89.5	2.5	500	1
2EZ6.2D5	DO-41	2	0.005	3	6.2	80.5	1.5	700	1
2EZ6.8D5	DO-41	2	0.005	4	6.8	73.5	2	700	1
2EZ7.5D5	DO-41	2	0.005	5	7.5	66.5	2	700	0.5
2EZ8.2D5	DO-41	2	0.005	6	8.2	61	2.3	700	0.5
2EZ9.1D5	DO-41	2	0.003	7	9.1	55	2.5	700	0.5
2EZ10D5	DO-41	2	0.003	7.6	10	50	3.5	700	0.25
2EZ11D5	DO-41	2	0.001	8.4	11	45.5	4	700	0.25
2EZ12D5	DO-41	2	0.001	9.1	12	41.5	4.5	700	0.25
2EZ13D5	DO-41	2	0.0005	9.9	13	38.5	5	700	0.25
2EZ14D5	DO-41	2	0.0005	10.6	14	35.7	5.5	700	0.25
2EZ15D5	DO-41	2	0.0005	11.4	15	33.4	7	700	0.25
2EZ16D5	DO-41	2	0.0005	12.2	16	31.2	8	700	0.25
2EZ17D5	DO-41	2	0.0005	13	17	29.4	9	750	0.25
2EZ18D5	DO-41	2	0.0005	13.7	18	27.8	10	750	0.25
2EZ19D5	DO-41	2	0.0005	14.4	19	26.3	11	750	0.25
2EZ20D5	DO-41	2	0.0005	15.2	20	25	11	750	0.25
2EZ22D5	DO-41	2	0.0005	16.7	22	22.8	12	750	0.25
2EZ24D5	DO-41	2	0.0005	18.2	24	20.8	13	750	0.25
2EZ27D5	DO-41	2	0.0005	20.6	27	18.5	18	750	0.25
2EZ30D5	DO-41	2	0.0005	22.5	30	16.6	20	1000	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z(V)	I_{ZT}(mA)	Z_{ZT} (Ω)	Z_{ZK}(Ω)	I_{ZK} (mA)
2EZ33D5	DO-41	2	0.0005	25.1	33	15.1	23	1000	0.25
2EZ36D5	DO-41	2	0.0005	27.4	36	13.9	25	1000	0.25
2EZ39D5	DO-41	2	0.0005	29.7	39	12.8	30	1000	0.25
2EZ43D5	DO-41	2	0.0005	32.7	43	11.6	35	1500	0.25
2EZ47D5	DO-41	2	0.0005	35.8	47	10.6	40	1500	0.25
2EZ51D5	DO-41	2	0.0005	38.8	51	9.8	48	1500	0.25
2EZ56D5	DO-41	2	0.0005	42.6	56	9	55	2000	0.25
2EZ62D5	DO-41	2	0.0005	47.1	62	8.1	60	2000	0.25
2EZ68D5	DO-41	2	0.0005	51.7	68	7.4	75	2000	0.25
2EZ75D5	DO-41	2	0.0005	56	75	6.7	90	2000	0.25
1N5918B3P	DO-41	3	0.005	2	5.1	73.5	4	350	1
1N5919B3P	DO-41	3	0.005	3	5.6	66.9	2	250	1
1N5920B3P	DO-41	3	0.005	4	6.2	60.5	2	200	1
1N5921B3P	DO-41	3	0.005	5.2	6.8	55.1	2.5	200	1
1N5922B3P	DO-41	3	0.005	6	7.5	50	3	400	0.5
1N5923B3P	DO-41	3	0.005	6.5	8.2	45.7	3.5	400	0.5
1N5924B3P	DO-41	3	0.005	7	9.1	41.2	4	500	0.5
1N5925B3P	DO-41	3	0.005	8	10	37.5	4.5	500	0.25
1N5926B3P	DO-41	3	0.001	8.4	11	34.1	5.5	550	0.25
1N5927B3P	DO-41	3	0.001	9.1	12	31.2	6.5	550	0.25
1N5928B3P	DO-41	3	0.001	9.9	13	28.8	7	550	0.25
1N5929B3P	DO-41	3	0.001	11.4	15	25	9	600	0.25
1N5930B3P	DO-41	3	0.001	12.2	16	23.4	10	600	0.25
1N5931B3P	DO-41	3	0.001	13.7	18	20.8	12	650	0.25
1N5932B3P	DO-41	3	0.001	15.2	20	18.7	14	650	0.25
1N5933B3P	DO-41	3	0.001	16.7	22	17	17.5	650	0.25
1N5934B3P	DO-41	3	0.001	18.2	24	15.6	19	700	0.25
1N5935B3P	DO-41	3	0.001	20.6	27	13.9	23	700	0.25
1N5936B3P	DO-41	3	0.001	22.8	30	12.5	28	750	0.25
1N5937B3P	DO-41	3	0.001	25.1	33	11.4	33	800	0.25
1N5938B3P	DO-41	3	0.001	27.4	36	10.4	38	850	0.25
1N5939B3P	DO-41	3	0.001	29.7	39	9.6	45	900	0.25
1N5940B3P	DO-41	3	0.001	32.7	43	8.7	53	950	0.25
1N5941B3P	DO-41	3	0.001	35.8	47	8	67	1000	0.25
1N5942B3P	DO-41	3	0.001	38.8	51	7.3	70	1100	0.25
1N5943B3P	DO-41	3	0.001	42.6	56	6.7	86	1300	0.25
1N5944B3P	DO-41	3	0.001	47.1	62	6	100	1500	0.25
1N5945B3P	DO-41	3	0.001	51.7	68	5.5	120	1700	0.25
1N5946B3P	DO-41	3	0.001	56	75	5	140	2000	0.25
1N5947B3P	DO-41	3	0.001	62.2	82	4.6	160	2500	0.25
1N5948B3P	DO-41	3	0.001	69.2	91	4.1	200	3000	0.25
1N5949B3P	DO-41	3	0.001	76	100	3.7	250	3100	0.25
1N5950B3P	DO-41	3	0.001	83.6	110	3.4	300	4000	0.25
1N5951B3P	DO-41	3	0.001	91.2	120	3.1	380	4500	0.25

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)
1N5952B3P	DO-41	3	0.001	98.8	130	2.9	450	5000	0.25
1N5953B3P	DO-41	3	0.001	114	150	2.5	600	6000	0.25
1N5954B3P	DO-41	3	0.001	121.6	160	2.3	700	6500	0.25
1N5955B3P	DO-41	3	0.001	136.8	180	2.1	900	7000	0.25
1N5956B3P	DO-41	3	0.001	152	200	1.9	1200	8000	0.25

Pin Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Maximum Forward Voltage Drop Current		Diode Capacitance	Diode Forward Resistance
		P_D (mW)	I_R(uA)	V_R (V)	I_F (mA)	V_F(V)	C_D (pF)	R_D(Ω)
BAP51-02	SOD-523	715	0.1	60	50	1.1	0.4	9
BAP50-03	SOD-323	200	0.1	50	50	1.1	1.11	40
BAP64-04W	SOT-323	200	10	175	100	1.1	0.52	20
BAP64-05W	SOT-323	200	10	175	100	1.1	0.52	20
BAP64-06W	SOT-323	200	10	175	100	1.1	0.52	20
BAP64-04	SOT-23	250	10	175	100	1.1	0.52	20
BAP64-05	SOT-23	250	10	175	100	1.1	0.35	40
BAP64-06	SOT-23	250	10	175	100	1.1	0.52	20

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MB05S	MBS-1	0.5	50	35	1	5	0.4
MB1S	MBS-1	0.5	100	35	1	5	0.4
MB2S	MBS-1	0.5	200	35	1	5	0.4
MB4S	MBS-1	0.5	400	35	1	5	0.4
MB6S	MBS-1	0.5	600	35	1	5	0.4
MB8S	MBS-1	0.5	800	35	1	5	0.4
MB10S	MBS-1	0.5	1000	35	1	5	0.4
RMB2S	MBS-1	0.5	200	30	1.25	5	0.4
RMB4S	MBS-1	0.5	400	30	1.25	5	0.4
RMB6S	MBS-1	0.5	600	30	1.25	5	0.4
MB1YS	MBS-1	0.8	1600	35	1	5	0.4
MB12S	MBS-1	1	20	30	0.5	500	1
MB14S	MBS-1	1	40	30	0.5	500	1
MB16S	MBS-1	1	60	30	0.7	500	1
MB18S	MBS-1	1	80	30	0.85	500	1
MB110S	MBS-1	1	100	30	0.85	500	1
MB22S	MBS-1	2	20	50	0.5	500	2
MB24S	MBS-1	2	40	50	0.5	500	2
MB26S	MBS-1	2	60	50	0.7	500	2
MB28S	MBS-1	2	80	50	0.85	500	2
MB210S	MBS-1	2	100	50	0.85	500	2
MBL1S	MBLS-1	0.5	100	35	1	10	0.4
MBL2S	MBLS-1	0.5	200	35	1	10	0.4
MBL4S	MBLS-1	0.5	400	35	1	10	0.4
MBL6S	MBLS-1	0.5	600	35	1	10	0.4
MBL8S	MBLS-1	0.5	800	35	1	10	0.4
MBL10S	MBLS-1	0.5	1000	35	1	10	0.4
LMB12S	LMBS-1	1	20	30	0.55	500	0.5
LMB14S	LMBS-1	1	40	30	0.55	500	0.5
LMB16S	LMBS-1	1	60	30	0.65	500	0.5
LMB18S	LMBS-1	1	80	30	0.85	500	0.5
LMB110S	LMBS-1	1	100	30	0.85	500	0.5
LMB2S	LMBS-1	1	200	30	0.95	5	0.4
LMB4S	LMBS-1	1	400	30	0.95	5	0.4
LMB6S	LMBS-1	1	600	30	0.95	5	0.4
LMB8S	LMBS-1	1	800	30	0.95	5	0.4
LMB10S	LMBS-1	1	1000	30	0.95	5	0.4
SLMB2S	LMBS-1	1	200	30	0.95	10	0.5
SLMB4S	LMBS-1	1	400	30	1.3	10	0.5
SLMB6S	LMBS-1	1	600	30	1.7	10	0.5
LMB203S	LMBS-1	2	200	50	0.95	10	1
LMB204S	LMBS-1	2	400	50	0.95	10	1
LMB205S	LMBS-1	2	600	50	0.95	10	1
LMB206S	LMBS-1	2	800	50	0.95	10	1

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
LMB207S	LMBS-1	2	1000	50	0.95	10	1
FLMB207S	LMBS-1	2	1000	50	1.3	10	1
LMB32S	LMBS-1	3	20	70	0.55	500	1.5
LMB34S	LMBS-1	3	40	70	0.55	500	1.5
LMB36S	LMBS-1	3	60	70	0.65	500	1.5
LMB38S	LMBS-1	3	80	70	0.85	500	1.5
LMB310S	LMBS-1	3	100	70	0.85	500	1.5
DB101	DB-1	1	50	30	1.1	10	1
DB102	DB-1	1	100	30	1.1	10	1
DB103	DB-1	1	200	30	1.1	10	1
DB104	DB-1	1	400	30	1.1	10	1
DB105	DB-1	1	600	30	1.1	10	1
DB106	DB-1	1	800	30	1.1	10	1
DB107	DB-1	1	1000	30	1.1	10	1
DB151	DB-1	1.5	50	50	1.1	10	1.5
DB152	DB-1	1.5	100	50	1.1	10	1.5
DB153	DB-1	1.5	200	50	1.1	10	1.5
DB154	DB-1	1.5	400	50	1.1	10	1.5
DB155	DB-1	1.5	600	50	1.1	10	1.5
DB156	DB-1	1.5	800	50	1.1	10	1.5
DB157	DB-1	1.5	1000	50	1.1	10	1.5
DB201	DB-1	2	50	60	1.1	10	2
DB202	DB-1	2	100	60	1.1	10	2
DB203	DB-1	2	200	60	1.1	10	2
DB204	DB-1	2	400	60	1.1	10	2
DB205	DB-1	2	600	60	1.1	10	2
DB206	DB-1	2	800	60	1.1	10	2
DB207	DB-1	2	1000	60	1.1	10	2
SDB101	SDB-1	1	50	30	1.1	10	1
SDB102	SDB-1	1	100	30	1.1	10	1
SDB103	SDB-1	1	200	30	1.1	10	1
SDB104	SDB-1	1	400	30	1.1	10	1
SDB105	SDB-1	1	600	30	1.1	10	1
SDB106	SDB-1	1	800	30	1.1	10	1
SDB107	SDB-1	1	1000	30	1.1	10	1
SDB151	SDB-1	1.5	50	50	1.1	10	1.5
SDB152	SDB-1	1.5	100	50	1.1	10	1.5
SDB153	SDB-1	1.5	200	50	1.1	10	1.5
SDB154	SDB-1	1.5	400	50	1.1	10	1.5
SDB155	SDB-1	1.5	600	50	1.1	10	1.5
SDB156	SDB-1	1.5	800	50	1.1	10	1.5
SDB157	SDB-1	1.5	1000	50	1.1	10	1.5
SDB201	SDB-1	2	50	60	1.2	10	2
SDB202	SDB-1	2	100	60	1.2	10	2

Diodes

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SDB203	SDB-1	2	200	60	1.2	10	2
SDB204	SDB-1	2	400	60	1.2	10	2
SDB205	SDB-1	2	600	60	1.2	10	2
SDB206	SDB-1	2	800	60	1.2	10	2
SDB207	SDB-1	2	1000	60	1.2	10	2
DB101L	DBL-1	1	50	30	1.05	10	1
DB102L	DBL-1	1	100	30	1.05	10	1
DB103L	DBL-1	1	200	30	1.05	10	1
DB104L	DBL-1	1	400	30	1.05	10	1
DB105L	DBL-1	1	600	30	1.05	10	1
DB106L	DBL-1	1	800	30	1.05	10	1
DB107L	DBL-1	1	1000	30	1.05	10	1
DB151L	DBL-1	1.5	50	45	1.1	10	1.5
DB152L	DBL-1	1.5	100	45	1.1	10	1.5
DB153L	DBL-1	1.5	200	45	1.1	10	1.5
DB154L	DBL-1	1.5	400	45	1.1	10	1.5
DB155L	DBL-1	1.5	600	45	1.1	10	1.5
DB156L	DBL-1	1.5	800	45	1.1	10	1.5
DB157L	DBL-1	1.5	1000	45	1.1	10	1.5
DB201L	DBL-1	2	50	60	1.1	10	2
DB202L	DBL-1	2	100	60	1.1	10	2
DB203L	DBL-1	2	200	60	1.1	10	2
DB204L	DBL-1	2	400	60	1.1	10	2
DB205L	DBL-1	2	600	60	1.1	10	2
DB206L	DBL-1	2	800	60	1.1	10	2
DB207L	DBL-1	2	1000	60	1.1	10	2
SDB101L	SDBL-1	1	50	30	1.1	10	1
SDB102L	SDBL-1	1	100	30	1.1	10	1
SDB103L	SDBL-1	1	200	30	1.1	10	1
SDB104L	SDBL-1	1	400	30	1.1	10	1
SDB105L	SDBL-1	1	600	30	1.1	10	1
SDB106L	SDBL-1	1	800	30	1.1	10	1
SDB107L	SDBL-1	1	1000	30	1.1	10	1
SDB151L	SDBL-1	1.5	50	50	1.1	10	1.5
SDB152L	SDBL-1	1.5	100	50	1.1	10	1.5
SDB153L	SDBL-1	1.5	200	50	1.1	10	1.5
SDB154L	SDBL-1	1.5	400	50	1.1	10	1.5
SDB155L	SDBL-1	1.5	600	50	1.1	10	1.5
SDB156L	SDBL-1	1.5	800	50	1.1	10	1.5
SDB157L	SDBL-1	1.5	1000	50	1.1	10	1.5
SDB201L	SDBL-1	2	50	60	1.2	10	2
SDB202L	SDBL-1	2	100	60	1.2	10	2
SDB203L	SDBL-1	2	200	60	1.2	10	2
SDB204L	SDBL-1	2	400	60	1.2	10	2

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SDB205L	SDBL-1	2	600	60	1.2	10	2
SDB206L	SDBL-1	2	800	60	1.2	10	2
SDB207L	SDBL-1	2	1000	60	1.2	10	2
TBS20A	TBS	2	50	75	1.1	5	2
TBS20B	TBS	2	100	75	1.1	5	2
TBS20D	TBS	2	200	75	1.1	5	2
TBS20G	TBS	2	400	75	1.1	5	2
TBS20J	TBS	2	600	75	1.1	5	2
TBS20K	TBS	2	800	75	1.1	5	2
TBS20M	TBS	2	1000	75	1.1	5	2
TBS22A	TBS	2.2	50	90	0.95	5	2
TBS22B	TBS	2.2	100	90	0.95	5	2
TBS22D	TBS	2.2	200	90	0.95	5	2
TBS22G	TBS	2.2	400	90	0.95	5	2
TBS22J	TBS	2.2	600	90	0.95	5	2
TBS22K	TBS	2.2	800	90	0.95	5	2
TBS22M	TBS	2.2	1000	90	0.95	5	2
TBS30A	TBS	3	50	95	0.95	5	1.5
TBS30B	TBS	3	100	95	0.95	5	1.5
TBS30D	TBS	3	200	95	0.95	5	1.5
TBS30G	TBS	3	400	95	0.95	5	1.5
TBS30J	TBS	3	600	95	0.95	5	1.5
TBS30K	TBS	3	800	95	0.95	5	1.5
TBS30M	TBS	3	1000	95	0.95	5	1.5
TBSL30A	TBSL	3	50	95	1.1	5	3
TBSL30B	TBSL	3	100	95	1.1	5	3
TBSL30D	TBSL	3	200	95	1.1	5	3
TBSL30G	TBSL	3	400	95	1.1	5	3
TBSL30J	TBSL	3	600	95	1.1	5	3
TBSL30K	TBSL	3	800	95	1.1	5	3
TBSL30M	TBSL	3	1000	95	1.1	5	3
TBSL40A	TBSL	4	50	110	1	5	4
TBSL40B	TBSL	4	100	110	1	5	4
TBSL40D	TBSL	4	200	110	1	5	4
TBSL40G	TBSL	4	400	110	1	5	4
TBSL40J	TBSL	4	600	110	1	5	4
TBSL40K	TBSL	4	800	110	1	5	4
TBSL40M	TBSL	4	1000	110	1	5	4
MT3504A	MT-35A	35	400	400	1.2	10	12
MT3506A	MT-35A	35	600	400	1.2	10	12
MT3508A	MT-35A	35	800	400	1.2	10	12
MT3510A	MT-35A	35	1000	400	1.2	10	12
MT3512A	MT-35A	35	1200	400	1.2	10	12
MT3514A	MT-35A	35	1400	400	1.2	10	12

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MT3516A	MT-35A	35	1600	400	1.2	10	12
MT5004A	MT-35A	50	400	500	1.2	10	17
MT5006A	MT-35A	50	600	500	1.2	10	17
MT5008A	MT-35A	50	800	500	1.2	10	17
MT5010A	MT-35A	50	1000	500	1.2	10	17
MT5012A	MT-35A	50	1200	500	1.2	10	17
MT5014A	MT-35A	50	1400	500	1.2	10	17
MT5016A	MT-35A	50	1600	500	1.2	10	17
GBPC15005	GBPC	15	50	250	1.1	5	7.5
GBPC1501	GBPC	15	100	250	1.1	5	7.5
GBPC1502	GBPC	15	200	250	1.1	5	7.5
GBPC1504	GBPC	15	400	250	1.1	5	7.5
GBPC1506	GBPC	15	600	250	1.1	5	7.5
GBPC1508	GBPC	15	800	250	1.1	5	7.5
GBPC1510	GBPC	15	1000	250	1.1	5	7.5
GBPC25005	GBPC	25	50	300	1.1	5	12.5
GBPC2501	GBPC	25	100	300	1.1	5	12.5
GBPC2502	GBPC	25	200	300	1.1	5	12.5
GBPC2504	GBPC	25	400	300	1.1	5	12.5
GBPC2506	GBPC	25	600	300	1.1	5	12.5
GBPC2508	GBPC	25	800	300	1.1	5	12.5
GBPC2510	GBPC	25	1000	300	1.1	5	12.5
GBPC35005	GBPC	35	50	400	1.1	5	17.5
GBPC3501	GBPC	35	100	400	1.1	5	17.5
GBPC3502	GBPC	35	200	400	1.1	5	17.5
GBPC3504	GBPC	35	400	400	1.1	5	17.5
GBPC3506	GBPC	35	600	400	1.1	5	17.5
GBPC3508	GBPC	35	800	400	1.1	5	17.5
GBPC3510	GBPC	35	1000	400	1.1	5	17.5
GBPC50005	GBPC	50	50	500	1.1	5	25
GBPC5001	GBPC	50	100	500	1.1	5	25
GBPC5002	GBPC	50	200	500	1.1	5	25
GBPC5004	GBPC	50	400	500	1.1	5	25
GBPC5006	GBPC	50	600	500	1.1	5	25
GBPC5008	GBPC	50	800	500	1.1	5	25
GBPC5010	GBPC	50	1000	500	1.1	5	25
GBPC25005W	GBPC-W	25	50	300	1.1	5	12.5
GBPC2501W	GBPC-W	25	100	300	1.1	5	12.5
GBPC2502W	GBPC-W	25	200	300	1.1	5	12.5
GBPC2504W	GBPC-W	25	400	300	1.1	5	12.5
GBPC2506W	GBPC-W	25	600	300	1.1	5	12.5
GBPC2508W	GBPC-W	25	800	300	1.1	5	12.5
GBPC2510W	GBPC-W	25	1000	300	1.1	5	12.5
GBPC35005W	GBPC-W	35	50	400	1.1	5	17.5

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBPC3501W	GBPC-W	35	100	400	1.1	5	17.5
GBPC3502W	GBPC-W	35	200	400	1.1	5	17.5
GBPC3504W	GBPC-W	35	400	400	1.1	5	17.5
GBPC3506W	GBPC-W	35	600	400	1.1	5	17.5
GBPC3508W	GBPC-W	35	800	400	1.1	5	17.5
GBPC3510W	GBPC-W	35	1000	400	1.1	5	17.5
MB2505	MB-35	25	50	300	1.1	10	12.5
MB251	MB-35	25	100	300	1.1	10	12.5
MB252	MB-35	25	200	300	1.1	10	12.5
MB254	MB-35	25	400	300	1.1	10	12.5
MB256	MB-35	25	600	300	1.1	10	12.5
MB258	MB-35	25	800	300	1.1	10	12.5
MB2510	MB-35	25	1000	300	1.1	10	12.5
MB3505	MB-35	35	50	400	1.1	10	17.5
MB351	MB-35	35	100	400	1.1	10	17.5
MB352	MB-35	35	200	400	1.1	10	17.5
MB354	MB-35	35	400	400	1.1	10	17.5
MB356	MB-35	35	600	400	1.1	10	17.5
MB358	MB-35	35	800	400	1.1	10	17.5
MB3510	MB-35	35	1000	400	1.1	10	17.5
MP5005	MP-50	50	50	500	1.2	10	25
MP501	MP-50	50	100	500	1.2	10	25
MP502	MP-50	50	200	500	1.2	10	25
MP504	MP-50	50	400	500	1.2	10	25
MP506	MP-50	50	600	500	1.2	10	25
MP508	MP-50	50	800	500	1.2	10	25
MP5010	MP-50	50	1000	500	1.2	10	25
MB1505W	MB-35W	15	50	300	1.2	10	7.5
MB251W	MB-35W	25	100	300	1.2	10	12.5
MP156W	MP-50W	15	600	300	1.1	5	7.5
MP358W	MP-50W	35	800	400	1.1	5	17.5
MP5005W	MP-50W	50	50	450	1.1	10	25
MP501W	MP-50W	50	100	450	1.1	10	25
MP502W	MP-50W	50	200	450	1.1	10	25
MP504W	MP-50W	50	400	450	1.1	10	25
MP506W	MP-50W	50	600	450	1.1	10	25
MP508W	MP-50W	50	800	450	1.1	10	25
MP5010W	MP-50W	50	1000	450	1.1	10	25
UD2KB05	D3K	2	50	75	1	10	1
UD2KB10	D3K	2	100	75	1	10	1
UD2KB20	D3K	2	200	75	1	10	1
UD2KB40	D3K	2	400	75	1	10	1
UD2KB60	D3K	2	600	75	1	10	1
UD2KB80	D3K	2	800	75	1	10	1

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
UD2KB100	D3K	2	1000	75	1	10	1
UD3KB05	D3K	3	50	90	1	10	1.5
UD3KB10	D3K	3	100	90	1	10	1.5
UD3KB20	D3K	3	200	90	1	10	1.5
UD3KB40	D3K	3	400	90	1	10	1.5
UD3KB60	D3K	3	600	90	1	10	1.5
UD3KB80	D3K	3	800	90	1	10	1.5
UD3KB100	D3K	3	1000	90	1	10	1.5
UD4KB05	D3K	4	50	130	1	10	2
UD4KB10	D3K	4	100	130	1	10	2
UD4KB20	D3K	4	200	130	1	10	2
UD4KB40	D3K	4	400	130	1	10	2
UD4KB60	D3K	4	600	130	1	10	2
UD4KB80	D3K	4	800	130	1	10	2
UD4KB100	D3K	4	1000	130	1	10	2
UD6KB05	D3K	6	50	170	1	10	3
UD6KB10	D3K	6	100	170	1	10	3
UD6KB20	D3K	6	200	170	1	10	3
UD6KB40	D3K	6	400	170	1	10	3
UD6KB60	D3K	6	600	170	1	10	3
UD6KB80	D3K	6	800	170	1	10	3
UD6KB100	D3K	6	1000	170	1	10	3
UD8KB05	D3K	8	50	170	1	5	4
UD8KB10	D3K	8	100	170	1	5	4
UD8KB20	D3K	8	200	170	1	5	4
UD8KB40	D3K	8	400	170	1	5	4
UD8KB60	D3K	8	600	170	1	5	4
UD8KB80	D3K	8	800	170	1	5	4
UD8KB100	D3K	8	1000	170	1	5	4
GBJA6005	JA	6	50	135	1.1	10	3
GBJA601	JA	6	100	135	1.1	10	3
GBJA602	JA	6	200	135	1.1	10	3
GBJA604	JA	6	400	135	1.1	10	3
GBJA606	JA	6	600	135	1.1	10	3
GBJA608	JA	6	800	135	1.1	10	3
GBJA610	JA	6	1000	135	1.1	10	3
GBJA8005	JA	8	50	150	1.1	10	4
GBJA801	JA	8	100	150	1.1	10	4
GBJA802	JA	8	200	150	1.1	10	4
GBJA804	JA	8	400	150	1.1	10	4
GBJA806	JA	8	600	150	1.1	10	4
GBJA808	JA	8	800	150	1.1	10	4
GBJA810	JA	8	1000	150	1.1	10	4
GBJA10005	JA	10	50	150	1.1	10	5

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJA1001	JA	10	100	150	1.1	10	5
GBJA1002	JA	10	200	150	1.1	10	5
GBJA1004	JA	10	400	150	1.1	10	5
GBJA1006	JA	10	600	150	1.1	10	5
GBJA1008	JA	10	800	150	1.1	10	5
GBJA1010	JA	10	1000	150	1.1	10	5
GBJA15005	JA	15	50	220	1.05	10	7.5
GBJA1501	JA	15	100	220	1.05	10	7.5
GBJA1502	JA	15	200	220	1.05	10	7.5
GBJA1504	JA	15	400	220	1.05	10	7.5
GBJA1506	JA	15	600	220	1.05	10	7.5
GBJA1508	JA	15	800	220	1.05	10	7.5
GBJA1510	JA	15	1000	220	1.05	10	7.5
GBJA20005	JA	20	50	240	1.1	10	10
GBJA2001	JA	20	100	240	1.1	10	10
GBJA2002	JA	20	200	240	1.1	10	10
GBJA2004	JA	20	400	240	1.1	10	10
GBJA2006	JA	20	600	240	1.1	10	10
GBJA2008	JA	20	800	240	1.1	10	10
GBJA2010	JA	20	1000	240	1.1	10	10
GBJA25005	JA	25	50	350	1.05	10	12.5
GBJA2501	JA	25	100	350	1.05	10	12.5
GBJA2502	JA	25	200	350	1.05	10	12.5
GBJA2504	JA	25	400	350	1.05	10	12.5
GBJA2506	JA	25	600	350	1.05	10	12.5
GBJA2508	JA	25	800	350	1.05	10	12.5
GBJA2510	JA	25	1000	350	1.05	10	12.5
KBJA4005	JB	4	50	120	1.05	10	2
KBJA401	JB	4	100	120	1.05	10	2
KBJA402	JB	4	200	120	1.05	10	2
KBJA404	JB	4	400	120	1.05	10	2
KBJA406	JB	4	600	120	1.05	10	2
KBJA408	JB	4	800	120	1.05	10	2
KBJA410	JB	4	1000	120	1.05	10	2
KBJA6005	JB	6	50	135	1.05	10	3
KBJA601	JB	6	100	135	1.05	10	3
KBJA602	JB	6	200	135	1.05	10	3
KBJA604	JB	6	400	135	1.05	10	3
KBJA606	JB	6	600	135	1.05	10	3
KBJA608	JB	6	800	135	1.05	10	3
KBJA610	JB	6	1000	135	1.05	10	3
KBJA8005	JB	8	50	150	1.1	10	4
KBJA801	JB	8	100	150	1.1	10	4
KBJA802	JB	8	200	150	1.1	10	4

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
KBJA804	JB	8	400	150	1.1	10	4
KBJA806	JB	8	600	150	1.1	10	4
KBJA808	JB	8	800	150	1.1	10	4
KBJA810	JB	8	1000	150	1.1	10	4
KBJA10005	JB	10	50	150	1.1	10	5
KBJA1001	JB	10	100	150	1.1	10	5
KBJA1002	JB	10	200	150	1.1	10	5
KBJA1004	JB	10	400	150	1.1	10	5
KBJA1006	JB	10	600	150	1.1	10	5
KBJA1008	JB	10	800	150	1.1	10	5
KBJA1010	JB	10	1000	150	1.1	10	5
KBJL4005G	KBJL	4	50	150	1	10	2
KBJL401G	KBJL	4	100	150	1	10	2
KBJL402G	KBJL	4	200	150	1	10	2
KBJL404G	KBJL	4	400	150	1	10	2
KBJL406G	KBJL	4	600	150	1	10	2
KBJL408G	KBJL	4	800	150	1	10	2
KBJL410G	KBJL	4	1000	150	1	10	2
KBJL6005G	KBJL	6	50	170	1	5	3
KBJL601G	KBJL	6	100	170	1	5	3
KBJL602G	KBJL	6	200	170	1	5	3
KBJL604G	KBJL	6	400	170	1	5	3
KBJL606G	KBJL	6	600	170	1	5	3
KBJL608G	KBJL	6	800	170	1	5	3
KBJL610G	KBJL	6	1000	170	1	5	3
KBJL8005G	KBJL	8	50	180	1	5	4
KBJL801G	KBJL	8	100	180	1	5	4
KBJL802G	KBJL	8	200	180	1	5	4
KBJL804G	KBJL	8	400	180	1	5	4
KBJL806G	KBJL	8	600	180	1	5	4
KBJL808G	KBJL	8	800	180	1	5	4
KBJL810G	KBJL	8	1000	180	1	5	4
KBJL10005G	KBJL	10	50	180	1.1	5	5
KBJL1001G	KBJL	10	100	180	1.1	5	5
KBJL1002G	KBJL	10	200	180	1.1	5	5
KBJL1004G	KBJL	10	400	180	1.1	5	5
KBJL1006G	KBJL	10	600	180	1.1	5	5
KBJL1008G	KBJL	10	800	180	1.1	5	5
KBJL1010G	KBJL	10	1000	180	1.1	5	5
KBJL15005G	KBJL	15	50	250	1.05	5	7.5
KBJL1501G	KBJL	15	100	250	1.05	5	7.5
KBJL1502G	KBJL	15	200	250	1.05	5	7.5
KBJL1504G	KBJL	15	400	250	1.05	5	7.5
KBJL1506G	KBJL	15	600	250	1.05	5	7.5

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
KBJL1508G	KBJL	15	800	250	1.05	5	7.5
KBJL1510G	KBJL	15	1000	250	1.05	5	7.5
KBJ4005G	KBJ	4	50	150	1	5	2
KBJ401G	KBJ	4	100	150	1	5	2
KBJ402G	KBJ	4	200	150	1	5	2
KBJ404G	KBJ	4	400	150	1	5	2
KBJ406G	KBJ	4	600	150	1	5	2
KBJ408G	KBJ	4	800	150	1	5	2
KBJ410G	KBJ	4	1000	150	1	5	2
KBJ6005G	KBJ	6	50	170	1	5	3
KBJ601G	KBJ	6	100	170	1	5	3
KBJ602G	KBJ	6	200	170	1	5	3
KBJ604G	KBJ	6	400	170	1	5	3
KBJ606G	KBJ	6	600	170	1	5	3
KBJ608G	KBJ	6	800	170	1	5	3
KBJ610G	KBJ	6	1000	170	1	5	3
KBJ10005G	KBJ	10	50	170	1	5	5
KBJ1001G	KBJ	10	100	170	1	5	5
KBJ1002G	KBJ	10	200	170	1	5	5
KBJ1004G	KBJ	10	400	170	1	5	5
KBJ1006G	KBJ	10	600	170	1	5	5
KBJ1008G	KBJ	10	800	170	1	5	5
KBJ1010G	KBJ	10	1000	170	1	5	5
GBJL6005	GBJL	6	50	170	1	5	3
GBJL601	GBJL	6	100	170	1	5	3
GBJL602	GBJL	6	200	170	1	5	3
GBJL604	GBJL	6	400	170	1	5	3
GBJL606	GBJL	6	600	170	1	5	3
GBJL608	GBJL	6	800	170	1	5	3
GBJL610	GBJL	6	1000	170	1	5	3
GBJL10005	GBJL	10	50	170	1.05	10	5
GBJL1001	GBJL	10	100	170	1.05	10	5
GBJL1002	GBJL	10	200	170	1.05	10	5
GBJL1004	GBJL	10	400	170	1.05	10	5
GBJL1006	GBJL	10	600	170	1.05	10	5
GBJL1008	GBJL	10	800	170	1.05	10	5
GBJL1010	GBJL	10	1000	170	1.05	10	5
GBJL15005	GBJL	15	50	240	1.05	10	7.5
GBJL1501	GBJL	15	100	240	1.05	10	7.5
GBJL1502	GBJL	15	200	240	1.05	10	7.5
GBJL1504	GBJL	15	400	240	1.05	10	7.5
GBJL1506	GBJL	15	600	240	1.05	10	7.5
GBJL1508	GBJL	15	800	240	1.05	10	7.5
GBJL1510	GBJL	15	1000	240	1.05	10	7.5

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJL20005	GBJL	20	50	240	1.05	10	10
GBJL2001	GBJL	20	100	240	1.05	10	10
GBJL2002	GBJL	20	200	240	1.05	10	10
GBJL2004	GBJL	20	400	240	1.05	10	10
GBJL2006	GBJL	20	600	240	1.05	10	10
GBJL2008	GBJL	20	800	240	1.05	10	10
GBJL2010	GBJL	20	1000	240	1.05	10	10
GBJL25005	GBJL	25	50	350	1.05	10	12.5
GBJL2501	GBJL	25	100	350	1.05	10	12.5
GBJL2502	GBJL	25	200	350	1.05	10	12.5
GBJL2504	GBJL	25	400	350	1.05	10	12.5
GBJL2506	GBJL	25	600	350	1.05	10	12.5
GBJL2508	GBJL	25	800	350	1.05	10	12.5
GBJL2510	GBJL	25	1000	350	1.05	10	12.5
GBJL35005	GBJL	35	50	350	1.05	10	17.5
GBJL3501	GBJL	35	100	350	1.05	10	17.5
GBJL3502	GBJL	35	200	350	1.05	10	17.5
GBJL3504	GBJL	35	400	350	1.05	10	17.5
GBJL3506	GBJL	35	600	350	1.05	10	17.5
GBJL3508	GBJL	35	800	350	1.05	10	17.5
GBJL3510	GBJL	35	1000	350	1.05	10	17.5
GBJ6005	GBJ	6	50	170	1	5	3
GBJ601	GBJ	6	100	170	1	5	3
GBJ602	GBJ	6	200	170	1	5	3
GBJ604	GBJ	6	400	170	1	5	3
GBJ606	GBJ	6	600	170	1	5	3
GBJ608	GBJ	6	800	170	1	5	3
GBJ610	GBJ	6	1000	170	1	5	3
GBJ8005	GBJ	8	50	170	1	5	4
GBJ801	GBJ	8	100	170	1	5	4
GBJ802	GBJ	8	200	170	1	5	4
GBJ804	GBJ	8	400	170	1	5	4
GBJ806	GBJ	8	600	170	1	5	4
GBJ808	GBJ	8	800	170	1	5	4
GBJ810	GBJ	8	1000	170	1	5	4
GBJ10005	GBJ	10	50	170	1.05	10	5
GBJ1001	GBJ	10	100	170	1.05	10	5
GBJ1002	GBJ	10	200	170	1.05	10	5
GBJ1004	GBJ	10	400	170	1.05	10	5
GBJ1006	GBJ	10	600	170	1.05	10	5
GBJ1008	GBJ	10	800	170	1.05	10	5
GBJ1010	GBJ	10	1000	170	1.05	10	5
GBJ15005	GBJ	15	50	240	1	10	7.5
GBJ1501	GBJ	15	100	240	1	10	7.5

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJ1502	GBJ	15	200	240	1	10	7.5
GBJ1504	GBJ	15	400	240	1	10	7.5
GBJ1506	GBJ	15	600	240	1	10	7.5
GBJ1508	GBJ	15	800	240	1	10	7.5
GBJ1510	GBJ	15	1000	240	1	10	7.5
GBJ20005	GBJ	20	50	240	1.05	10	10
GBJ2001	GBJ	20	100	240	1.05	10	10
GBJ2002	GBJ	20	200	240	1.05	10	10
GBJ2004	GBJ	20	400	240	1.05	10	10
GBJ2006	GBJ	20	600	240	1.05	10	10
GBJ2008	GBJ	20	800	240	1.05	10	10
GBJ2010	GBJ	20	1000	240	1.05	10	10
GBJ25005	GBJ	25	50	350	1	10	12.5
GBJ2501	GBJ	25	100	350	1	10	12.5
GBJ2502	GBJ	25	200	350	1	10	12.5
GBJ2504	GBJ	25	400	350	1	10	12.5
GBJ2506	GBJ	25	600	350	1	10	12.5
GBJ2508	GBJ	25	800	350	1	10	12.5
GBJ2508L	GBJ	25	800	420	0.92	5	12.5
GBJ2510	GBJ	25	1000	350	1	10	12.5
GBJ2510H	GBJ	25	1600	400	1.2	10	12.5
GBJ35005	GBJ	35	50	400	1.05	10	17.5
GBJ3501	GBJ	35	100	400	1.05	10	17.5
GBJ3502	GBJ	35	200	400	1.05	10	17.5
GBJ3504	GBJ	35	400	400	1.05	10	17.5
GBJ3506	GBJ	35	600	400	1.05	10	17.5
GBJ3508	GBJ	35	800	400	1.05	10	17.5
GBJ3510	GBJ	35	1000	400	1.05	10	17.5
GBJ50005	GBJ	50	50	400	1.1	10	25
GBJ5001	GBJ	50	100	400	1.1	10	25
GBJ5002	GBJ	50	200	400	1.1	10	25
GBJ5004	GBJ	50	400	400	1.1	10	25
GBJ5006	GBJ	50	600	400	1.1	10	25
GBJ5006L	GBJ	50	600	420	0.97	5	25
GBJ5008	GBJ	50	800	400	1.1	10	25
GBJ5010	GBJ	50	1000	400	1.1	10	25
GBU4A	GBU	4	50	160	1	5	2
GBU4B	GBU	4	100	160	1	5	2
GBU4D	GBU	4	200	160	1	5	2
GBU4G	GBU	4	400	160	1	5	2
GBU4J	GBU	4	600	160	1	5	2
GBU4K	GBU	4	800	160	1	5	2
GBU4M	GBU	4	1000	160	1	5	2
GBU4JL	GBU	4	600	150	0.9	10	4

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBU4KL	GBU	4	800	150	0.9	10	4
GBU6A	GBU	6	50	175	1	5	3
GBU6B	GBU	6	100	175	1	5	3
GBU6D	GBU	6	200	175	1	5	3
GBU6G	GBU	6	400	175	1	5	3
GBU6J	GBU	6	600	175	1	5	3
GBU6K	GBU	6	800	175	1	5	3
GBU6M	GBU	6	1000	175	1	5	3
GBU8A	GBU	8	50	220	1	5	4
GBU8B	GBU	8	100	220	1	5	4
GBU8D	GBU	8	200	220	1	5	4
GBU8G	GBU	8	400	220	1	5	4
GBU8J	GBU	8	600	220	1	5	4
GBU8K	GBU	8	800	220	1	5	4
GBU8M	GBU	8	1000	220	1	5	4
GBU10A	GBU	10	50	240	1	5	5
GBU10B	GBU	10	100	240	1	5	5
GBU10D	GBU	10	200	240	1	5	5
GBU10G	GBU	10	400	240	1	5	5
GBU10J	GBU	10	600	240	1	5	5
GBU10K	GBU	10	800	240	1	5	5
GBU10M	GBU	10	1000	240	1	5	5
GBU10KL	GBU	10	800	200	0.9	5	5
GBU15A	GBU	15	50	240	1.1	5	7.5
GBU15B	GBU	15	100	240	1.1	5	7.5
GBU15D	GBU	15	200	240	1.1	5	7.5
GBU15G	GBU	15	400	240	1.1	5	7.5
GBU15J	GBU	15	600	240	1.1	5	7.5
GBU15K	GBU	15	800	240	1.1	5	7.5
GBU15M	GBU	15	1000	240	1.1	5	7.5
GBU20005	GBU	20	50	240	1.1	5	10
GBU2001	GBU	20	100	240	1.1	5	10
GBU2002	GBU	20	200	240	1.1	5	10
GBU2004	GBU	20	400	240	1.1	5	10
GBU2006	GBU	20	600	240	1.1	5	10
GBU2008	GBU	20	800	240	1.1	5	10
GBU2010	GBU	20	1000	240	1.1	5	10
GBU25005	GBU	25	50	300	1	10	12.5
GBU2501	GBU	25	100	300	1	10	12.5
GBU2502	GBU	25	200	300	1	10	12.5
GBU2504	GBU	25	400	300	1	10	12.5
GBU2506	GBU	25	600	300	1	10	12.5
GBU2508	GBU	25	800	300	1	10	12.5
GBU2510	GBU	25	1000	300	1	10	12.5

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBL2005	GBL	2	50	80	1.05	10	1
GBL201	GBL	2	100	80	1.05	10	1
GBL202	GBL	2	200	80	1.05	10	1
GBL204	GBL	2	400	80	1.05	10	1
GBL206	GBL	2	600	80	1.05	10	1
GBL208	GBL	2	800	80	1.05	10	1
GBL210	GBL	2	1000	80	1.05	10	1
GBL4005-BPC01	GBL	4	50	135	1	5	2
GBL401-BPC01	GBL	4	100	135	1	5	2
GBL402-BPC01	GBL	4	200	135	1	5	2
GBL404-BPC01	GBL	4	400	135	1	5	2
GBL406-BPC01	GBL	4	600	135	1	5	2
GBL408-BPC01	GBL	4	800	135	1	5	2
GBL410-BPC01	GBL	4	1000	135	1	5	2
GBL6005	GBL	6	50	135	1	5	3
GBL601	GBL	6	100	135	1	5	3
GBL602	GBL	6	200	135	1	5	3
GBL604	GBL	6	400	135	1	5	3
GBL606	GBL	6	600	135	1	5	3
GBL608	GBL	6	800	135	1	5	3
GBL610	GBL	6	1000	135	1	5	3
KBP2005G	GBP	2	50	60	1.05	10	2
KBP201G	GBP	2	100	60	1.05	10	2
KBP202G	GBP	2	200	60	1.05	10	2
KBP204G	GBP	2	400	60	1.05	10	2
KBP206G	GBP	2	600	60	1.05	10	2
KBP208G	GBP	2	800	60	1.05	10	2
KBP210G	GBP	2	1000	60	1.05	10	2
KBP3005G	GBP	3	50	80	1.1	10	2
KBP301G	GBP	3	100	80	1.1	10	2
KBP302G	GBP	3	200	80	1.1	10	2
KBP304G	GBP	3	400	80	1.1	10	2
KBP306G	GBP	3	600	80	1.1	10	2
KBP308G	GBP	3	800	80	1.1	10	2
KBP310G	GBP	3	1000	80	1.1	10	2
KBP4005G	GBP	4	50	110	1.05	10	2
KBP401G	GBP	4	100	110	1.05	10	2
KBP402G	GBP	4	200	110	1.05	10	2
KBP404G	GBP	4	400	110	1.05	10	2
KBP406G	GBP	4	600	110	1.05	10	2
KBP408G	GBP	4	800	110	1.05	10	2
KBP410G	GBP	4	1000	110	1.05	10	2
KBP005M	KBPR	1.5	50	50	1.1	10	1.5
KBP01M	KBPR	1.5	100	50	1.1	10	1.5

Diodes

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
KBP02M	KBPR	1.5	200	50	1.1	10	1.5
KBP04M	KBPR	1.5	400	50	1.1	10	1.5
KBP06M	KBPR	1.5	600	50	1.1	10	1.5
KBP08M	KBPR	1.5	800	50	1.1	10	1.5
KBP10M	KBPR	1.5	1000	50	1.1	10	1.5
RS401GL	RS-4L	4	50	200	1.1	5	4
RS402GL	RS-4L	4	100	200	1.1	5	4
RS403GL	RS-4L	4	200	200	1.1	5	4
RS404GL	RS-4L	4	400	200	1.1	5	4
RS405GL	RS-4L	4	600	200	1.1	5	4
RS406GL	RS-4L	4	800	200	1.1	5	4
RS407GL	RS-4L	4	1000	200	1.1	5	4
RS601	RS-6	6	50	200	1.1	10	3
RS602	RS-6	6	100	200	1.1	10	3
RS603	RS-6	6	200	200	1.1	10	3
RS604	RS-6	6	400	200	1.1	10	3
RS605	RS-6	6	600	200	1.1	10	3
RS606	RS-6	6	800	200	1.1	10	3
RS607	RS-6	6	1000	200	1.1	10	3
RS801	RS-6	8	50	300	1.1	10	4
RS802	RS-6	8	100	300	1.1	10	4
RS803	RS-6	8	200	300	1.1	10	4
RS804	RS-6	8	400	300	1.1	10	4
RS805	RS-6	8	600	300	1.1	10	4
RS806	RS-6	8	800	300	1.1	10	4
RS807	RS-6	8	1000	300	1.1	10	4
RS1001	RS-6	10	50	250	1	10	5
RS1002	RS-6	10	100	250	1	10	5
RS1003	RS-6	10	200	250	1	10	5
RS1004	RS-6	10	400	250	1	10	5
RS1005	RS-6	10	600	250	1	10	5
RS1006	RS-6	10	800	250	1	10	5
RS1007	RS-6	10	1000	250	1	10	5
PB605	PB-6	6	50	150	1	10	3
PB61	PB-6	6	100	150	1	10	3
PB62	PB-6	6	200	150	1	10	3
PB64	PB-6	6	400	150	1	10	3
PB66	PB-6	6	600	150	1	10	3
PB68	PB-6	6	800	150	1	10	3
PB610	PB-6	6	1000	150	1	10	3
BR1005	PB-6	10	50	150	1.1	10	5
BR101	PB-6	10	100	150	1.1	10	5
BR102	PB-6	10	200	150	1.1	10	5
BR104	PB-6	10	400	150	1.1	10	5

Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
BR106	PB-6	10	600	150	1.1	10	5
BR108	PB-6	10	800	150	1.1	10	5
BR1010	PB-6	10	1000	150	1.1	10	5
PB805	PB-10	8	50	250	1.1	10	4
PB81	PB-10	8	100	250	1.1	10	4
PB82	PB-10	8	200	250	1.1	10	4
PB84	PB-10	8	400	250	1.1	10	4
PB86	PB-10	8	600	250	1.1	10	4
PB88	PB-10	8	800	250	1.1	10	4
PB810	PB-10	8	1000	250	1.1	10	4
3GBJ3508	TSB-5	35	800	400	1.1	10	17.5
3GBJ3510	TSB-5	35	1000	400	1.1	10	17.5
3GBJ3516	TSB-5	35	1600	400	1.1	10	17.5

Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
1N4004W	SOD-123	1	400	7.5	1.1	5	1
SM4001PL	SOD-123FL	1	50	25	1.1	5	1
SM4002PL	SOD-123FL	1	100	25	1.1	5	1
SM4003PL	SOD-123FL	1	200	25	1.1	5	1
SM4004PL	SOD-123FL	1	400	25	1.1	5	1
SM4005PL	SOD-123FL	1	600	25	1.1	5	1
SM4006PL	SOD-123FL	1	800	25	1.1	5	1
SM4007PL	SOD-123FL	1	1000	25	1.1	5	1
SM5391PL	SOD-123FL	1.5	50	50	1.1	5	1.5
SM5392PL	SOD-123FL	1.5	100	50	1.1	5	1.5
SM5393PL	SOD-123FL	1.5	200	50	1.1	5	1.5
SM5395PL	SOD-123FL	1.5	400	50	1.1	5	1.5
SM5397PL	SOD-123FL	1.5	600	50	1.1	5	1.5
SM5398PL	SOD-123FL	1.5	800	50	1.1	5	1.5
SM5399PL	SOD-123FL	1.5	1000	50	1.1	5	1.5
GS1A-L	SMA	1	50	30	1	5	1
GS1B-L	SMA	1	100	30	1	5	1
GS1D-L	SMA	1	200	30	1	5	1
GS1G-L	SMA	1	400	30	1	5	1
GS1J-L	SMA	1	600	30	1	5	1
GS1K-L	SMA	1	800	30	1	5	1
GS1M-L	SMA	1	1000	30	1	5	1
GS1R-L	SMA	1	1300	30	1	5	1
GS1Y-L	SMA	1	1600	30	1.25	5	1
GS1Z-L	SMA	1	2000	30	1.15	1	1
S1YA	SMA	1	1600	30	1.25	5	1
GS2Y-L	SMA	1.5	1600	30	1.15	3	1.5
GS2A-L	SMA	2	50	50	1.1	5	2
GS2B-L	SMA	2	100	50	1.1	5	2
GS2D-L	SMA	2	200	50	1.1	5	2
GS2G-L	SMA	2	400	50	1.1	5	2
GS2J-L	SMA	2	600	50	1.1	5	2
GS2K-L	SMA	2	800	50	1.1	5	2
GS2M-L	SMA	2	1000	50	1.1	5	2
GS1AE	SMAE	1	50	30	1.1	5	1
GS1BE	SMAE	1	100	30	1.1	5	1
GS1DE	SMAE	1	200	30	1.1	5	1
GS1GE	SMAE	1	400	30	1.1	5	1
GS1JE	SMAE	1	600	30	1.1	5	1
GS1KE	SMAE	1	800	30	1.1	5	1
GS1ME	SMAE	1	1000	30	1.1	5	1
GS1AE-TPS05	SMAE	1	50	30	1.1	10	1
GS1BE-TPS05	SMAE	1	100	30	1.1	10	1
GS1DE-TPS05	SMAE	1	200	30	1.1	10	1

Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GS1GE-TPS05	SMAE	1	400	30	1.1	10	1
GS1JE-TPS05	SMAE	1	600	30	1.1	10	1
GS1KE-TPS05	SMAE	1	800	30	1.1	10	1
GS1ME-TPS05	SMAE	1	1000	30	1.1	10	1
S1A-L	SMB	1	50	30	1.1	5	1
S1B-L	SMB	1	100	30	1.1	5	1
S1D-L	SMB	1	200	30	1.1	5	1
S1G-L	SMB	1	400	30	1.1	5	1
S1J-L	SMB	1	600	30	1.1	5	1
S1K-L	SMB	1	800	30	1.1	5	1
S1M-L	SMB	1	1000	30	1.1	5	1
S1Z-L	SMB	1	2000	30	1.2	5	1
S2Y-L	SMB	1.5	1600	30	1.15	5	1.5
S2A-L	SMB	2	50	50	1.15	5	2
S2B-L	SMB	2	100	50	1.15	5	2
S2D-L	SMB	2	200	50	1.15	5	2
S2G-L	SMB	2	400	50	1.15	5	2
S2J-L	SMB	2	600	50	1.15	5	2
S2K-L	SMB	2	800	50	1.15	5	2
S2M-L	SMB	2	1000	50	1.15	5	2
S3AB	SMB	3	50	100	1.15	10	3
S3BB	SMB	3	100	100	1.15	10	3
S3DB	SMB	3	200	100	1.15	10	3
S3GB	SMB	3	400	100	1.15	10	3
S3JB	SMB	3	600	100	1.15	10	3
S3KB	SMB	3	800	100	1.15	10	3
S3MB	SMB	3	1000	100	1.15	10	3
S3A	SMC	3	50	100	1.2	10	3
S3B	SMC	3	100	100	1.2	10	3
S3D	SMC	3	200	100	1.2	10	3
S3G	SMC	3	400	100	1.2	10	3
S3J	SMC	3	600	100	1.2	10	3
S3K	SMC	3	800	100	1.2	10	3
S3M	SMC	3	1000	100	1.2	10	3
S3Q	SMC	3	1200	100	1.2	10	3
HS5JL	SMC	5	600	250	1.1	10	5
S5AL	SMC	5	50	100	1.15	10	5
S5BL	SMC	5	100	100	1.15	10	5
S5DL	SMC	5	200	100	1.15	10	5
S5GL	SMC	5	400	100	1.15	10	5
S5JL	SMC	5	600	100	1.15	10	5
S5KL	SMC	5	800	100	1.15	10	5
S5ML	SMC	5	1000	100	1.15	10	5
SMLJ60S05	SMC	6	50	200	1	5	6

Diodes

Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SMLJ60S1	SMC	6	100	200	1	5	6
SMLJ60S2	SMC	6	200	200	1	5	6
SMLJ60S4	SMC	6	400	200	1	5	6
SMLJ60S6	SMC	6	600	200	1	5	6
SMLJ60S8	SMC	6	800	200	1	5	6
SMLJ60S10	SMC	6	1000	200	1	5	6
S8AL	SMC	8	50	200	1.1	5	8
S8BL	SMC	8	100	200	1.1	5	8
S8DL	SMC	8	200	200	1.1	5	8
S8GL	SMC	8	400	200	1.1	5	8
S8JL	SMC	8	600	200	1.1	5	8
S8KL	SMC	8	800	200	1.1	5	8
S8ML	SMC	8	1000	200	1.1	5	8
S10AL	SMC	10	50	200	1.2	10	10
S10BL	SMC	10	100	200	1.2	10	10
S10DL	SMC	10	200	200	1.2	10	10
S10GL	SMC	10	400	200	1.2	10	10
S10JL	SMC	10	600	200	1.2	10	10
S10KL	SMC	10	800	200	1.2	10	10
S10ML	SMC	10	1000	200	1.2	10	10
S10DLHE3 *	SMC	10	200	200	1	5	10
TGS5G	TO-277B	5	400	150	1.1	5	5
RL101GP	A-405	1	50	30	1.1	5	1
RL102GP	A-405	1	100	30	1.1	5	1
RL103GP	A-405	1	200	30	1.1	5	1
RL104GP	A-405	1	400	30	1.1	5	1
RL105GP	A-405	1	600	30	1.1	5	1
RL106GP	A-405	1	800	30	1.1	5	1
RL107GP	A-405	1	1000	30	1.1	5	1
RL101	A-405	1	50	30	1.1	5	1
RL102	A-405	1	100	30	1.1	5	1
RL103	A-405	1	200	30	1.1	5	1
RL104	A-405	1	400	30	1.1	5	1
RL105	A-405	1	600	30	1.1	5	1
RL106	A-405	1	800	30	1.1	5	1
RL107	A-405	1	1000	30	1.1	5	1
R4000GPS	DO-41	0.2	4000	15	3.5	5	0.5
1N4001	DO-41	1	50	30	1	5	1
1N4002	DO-41	1	100	30	1	5	1
1N4003	DO-41	1	200	30	1	5	1
1N4004	DO-41	1	400	30	1	5	1
1N4005	DO-41	1	600	30	1	5	1
1N4006	DO-41	1	800	30	1	5	1
1N4007	DO-41	1	1000	30	1	5	1

*** AEC-Q101 Qualified**

Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
1N4001GP	DO-41	1	50	30	1.1	5	1
1N4002GP	DO-41	1	100	30	1.1	5	1
1N4003GP	DO-41	1	200	30	1.1	5	1
1N4004GP	DO-41	1	400	30	1.1	5	1
1N4005GP	DO-41	1	600	30	1.1	5	1
1N4006GP	DO-41	1	800	30	1.1	5	1
1N4007GP	DO-41	1	1000	30	1.1	5	1
BY133GP	DO-41	1	1300	30	1.1	5	1
EM513GP	DO-41	1	1600	25	1.25	5	1
EM516GP	DO-41	1	1800	25	1.25	5	1
EM518GP	DO-41	1	2000	25	1.25	5	1
R3000GP	DO-15	0.2	3000	15	2.3	5	0.5
R4000GP	DO-15	0.2	4000	15	3.5	5	0.5
R5000GP	DO-15	0.2	5000	15	5	5	0.5
R6000GP	DO-15	0.2	6000	15	5	5	0.5
1N5391	DO-15	1.5	50	50	1.1	5	1.5
1N5392	DO-15	1.5	100	50	1.1	5	1.5
1N5393	DO-15	1.5	200	50	1.1	5	1.5
1N5394	DO-15	1.5	300	50	1.1	5	1.5
1N5395	DO-15	1.5	400	50	1.1	5	1.5
1N5396	DO-15	1.5	500	50	1.1	5	1.5
1N5397	DO-15	1.5	600	50	1.1	5	1.5
1N5398	DO-15	1.5	800	50	1.1	5	1.5
1N5399	DO-15	1.5	1000	50	1.1	5	1.5
1N5391GP	DO-15	1.5	50	50	1.4	5	1.5
1N5392GP	DO-15	1.5	100	50	1.4	5	1.5
1N5393GP	DO-15	1.5	200	50	1.4	5	1.5
1N5394GP	DO-15	1.5	300	50	1.4	5	1.5
1N5395GP	DO-15	1.5	400	50	1.4	5	1.5
1N5396GP	DO-15	1.5	500	50	1.4	5	1.5
1N5397GP	DO-15	1.5	600	50	1.4	5	1.5
1N5398GP	DO-15	1.5	800	50	1.4	5	1.5
1N5399GP	DO-15	1.5	1000	50	1.4	5	1.5
RL201GP	DO-15	2	50	70	1	5	2
RL202GP	DO-15	2	100	70	1	5	2
RL203GP	DO-15	2	200	70	1	5	2
RL204GP	DO-15	2	400	70	1	5	2
RL205GP	DO-15	2	600	70	1	5	2
RL206GP	DO-15	2	800	70	1	5	2
RL207GP	DO-15	2	1000	70	1	5	2
RL201	DO-15	2	50	60	1	5	2
RL202	DO-15	2	100	60	1	5	2
RL203	DO-15	2	200	60	1	5	2
RL204	DO-15	2	400	60	1	5	2

Diodes

Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
RL205	DO-15	2	600	60	1	5	2
RL206	DO-15	2	800	60	1	5	2
RL207	DO-15	2	1000	60	1	5	2
GS1AFL	DO-221AC	1	50	30	1	10	1
GS1BFL	DO-221AC	1	100	30	1	10	1
GS1DFL	DO-221AC	1	200	30	1	10	1
GS1GFL	DO-221AC	1	400	30	1	10	1
GS1JFL	DO-221AC	1	600	30	1	10	1
GS1KFL	DO-221AC	1	800	30	1	10	1
GS1MFL	DO-221AC	1	1000	30	1	10	1
M1FL	DO-221AC	1	50	30	1.1	5	1
M2FL	DO-221AC	1	100	30	1.1	5	1
M3FL	DO-221AC	1	200	30	1.1	5	1
M4FL	DO-221AC	1	400	30	1.1	5	1
M5FL	DO-221AC	1	600	30	1.1	5	1
M6FL	DO-221AC	1	800	30	1.1	5	1
M7FL	DO-221AC	1	1000	30	1.1	5	1
GS2AFL	DO-221AC	2	50	50	1.1	5	2
GS2BFL	DO-221AC	2	100	50	1.1	5	2
GS2DFL	DO-221AC	2	200	50	1.1	5	2
GS2GFL	DO-221AC	2	400	50	1.1	5	2
GS2JFL	DO-221AC	2	600	50	1.1	5	2
GS2KFL	DO-221AC	2	800	50	1.1	5	2
GS2MFL	DO-221AC	2	1000	50	1.1	5	2
1N5400	DO-201AD	3	50	200	1	5	3
1N5401	DO-201AD	3	100	200	1	5	3
1N5402	DO-201AD	3	200	200	1	5	3
1N5404	DO-201AD	3	400	200	1	5	3
1N5406	DO-201AD	3	600	200	1	5	3
1N5407	DO-201AD	3	800	200	1	5	3
1N5408	DO-201AD	3	1000	200	1	5	3
1N5400GP	DO-201AD	3	50	200	1.1	5	3
1N5401GP	DO-201AD	3	100	200	1.1	5	3
1N5402GP	DO-201AD	3	200	200	1.1	5	3
1N5404GP	DO-201AD	3	400	200	1.1	5	3
1N5406GP	DO-201AD	3	600	200	1.1	5	3
1N5407GP	DO-201AD	3	800	200	1.1	5	3
1N5408GP	DO-201AD	3	1000	200	1.1	5	3
1N5413GP	DO-201AD	3	1300	100	1.1	5	3
1N5416GP	DO-201AD	3	1600	100	1.2	5	3
60S05	DO-201AD	6	50	200	1	5	6
60S1	DO-201AD	6	100	200	1	5	6
60S2	DO-201AD	6	200	200	1	5	6
60S4	DO-201AD	6	400	200	1	5	6

Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
60S6	DO-201AD	6	600	200	1	5	6
60S8	DO-201AD	6	800	200	1	5	6
60S10	DO-201AD	6	1000	200	1	5	6
RL251GP	R-3	2.5	50	70	1.1	5	2.5
RL252GP	R-3	2.5	100	70	1.1	5	2.5
RL253GP	R-3	2.5	200	70	1.1	5	2.5
RL254GP	R-3	2.5	400	70	1.1	5	2.5
RL255GP	R-3	2.5	600	70	1.1	5	2.5
RL256GP	R-3	2.5	800	70	1.1	5	2.5
RL257GP	R-3	2.5	1000	70	1.1	5	2.5
6A05	R-6	6	50	400	0.95	10	6
6A1	R-6	6	100	400	0.95	10	6
6A2	R-6	6	200	400	0.95	10	6
6A4	R-6	6	400	400	0.95	10	6
6A6	R-6	6	600	400	0.95	10	6
6A8	R-6	6	800	400	0.95	10	6
6A10	R-6	6	1000	400	0.95	10	6
6A05G	R-6	6	50	200	1	10	6
6A1G	R-6	6	100	200	1	10	6
6A2G	R-6	6	200	200	1	10	6
6A4G	R-6	6	400	200	1	10	6
6A6G	R-6	6	600	200	1	10	6
6A8G	R-6	6	800	200	1	10	6
6A10G	R-6	6	1000	200	1	10	6
DR750	R-6	6	50	200	1.1	10	6
DR751	R-6	6	100	200	1.1	10	6
DR752	R-6	6	200	200	1.1	10	6
DR754	R-6	6	400	200	1.1	10	6
DR756	R-6	6	600	200	1.1	10	6
DR758	R-6	6	800	200	1.1	10	6
DR7510	R-6	6	1000	200	1.1	10	6
10A01	R-6	10	50	400	1	10	10
10A02	R-6	10	100	400	1	10	10
10A03	R-6	10	200	400	1	10	10
10A04	R-6	10	400	400	1	10	10
10A05	R-6	10	600	400	1	10	10
10A06	R-6	10	800	400	1	10	10
10A07	R-6	10	1000	400	1	10	10
10A01GP	R-6	10	50	200	1.2	10	10
10A02GP	R-6	10	100	200	1.2	10	10
10A03GP	R-6	10	200	200	1.2	10	10
10A04GP	R-6	10	400	200	1.2	10	10
10A05GP	R-6	10	600	200	1.2	10	10
10A06GP	R-6	10	800	200	1.2	10	10

Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
10A07GP	R-6	10	1000	200	1.2	10	10
30SQ045	R-6	30	45	275	0.52	100	30

Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
FSM11PL	SOD-123FL	1	50	30	1.3	5	1	0.15
FSM12PL	SOD-123FL	1	100	30	1.3	5	1	0.15
FSM13PL	SOD-123FL	1	200	30	1.3	5	1	0.15
FSM14PL	SOD-123FL	1	400	30	1.3	5	1	0.15
FSM15PL	SOD-123FL	1	600	30	1.3	5	1	0.25
FSM16PL	SOD-123FL	1	800	30	1.3	5	1	0.5
FSM17PL	SOD-123FL	1	1000	30	1.3	5	1	0.5
SM4933A	SMA	1	50	30	1.3	5	1	0.2
SM4934A	SMA	1	100	30	1.3	5	1	0.2
SM4935A	SMA	1	200	30	1.3	5	1	0.2
SM4936A	SMA	1	400	30	1.3	5	1	0.2
SM4937A	SMA	1	600	30	1.3	5	1	0.2
FS1A-L	SMA	1	50	30	1.3	5	1	0.15
FS1B-L	SMA	1	100	30	1.3	5	1	0.15
FS1D-L	SMA	1	200	30	1.3	5	1	0.15
FS1G-L	SMA	1	400	30	1.3	5	1	0.15
FS1J-L	SMA	1	600	30	1.3	5	1	0.25
FS1K-L	SMA	1	800	30	1.3	5	1	0.5
FS1M-L	SMA	1	1000	30	1.3	5	1	0.5
FS2A-L	SMA	2	50	50	1.3	5	2	0.15
FS2B-L	SMA	2	100	50	1.3	5	2	0.15
FS2D-L	SMA	2	200	50	1.3	5	2	0.15
FS2G-L	SMA	2	400	50	1.3	5	2	0.15
FS2J-L	SMA	2	600	50	1.3	5	2	0.25
FS2K-L	SMA	2	800	50	1.3	5	2	0.5
FS2M-L	SMA	2	1000	50	1.3	5	2	0.5
FS1AE	SMAE	1	50	30	1.3	5	1	0.15
FS1BE	SMAE	1	100	30	1.3	5	1	0.15
FS1DE	SMAE	1	200	30	1.3	5	1	0.15
FS1GE	SMAE	1	400	30	1.3	5	1	0.15
FS1JE	SMAE	1	600	30	1.3	5	1	0.25
FS1KE	SMAE	1	800	30	1.3	5	1	0.5
FS1ME	SMAE	1	1000	30	1.3	5	1	0.5
RA157E	SMAE	1	400	35	1.3	5	1	0.15
RA158E	SMAE	1	600	35	1.3	5	1	0.15
RA159E	SMAE	1	1000	35	1.3	5	1	0.25
FR1A-L	SMB	1	50	30	1.3	5	1	0.15
FR1B-L	SMB	1	100	30	1.3	5	1	0.15
FR1D-L	SMB	1	200	30	1.3	5	1	0.15
FR1G-L	SMB	1	400	30	1.3	5	1	0.15
FR1J-L	SMB	1	600	30	1.3	5	1	0.25
FR1K-L	SMB	1	800	30	1.3	5	1	0.5
FR1M-L	SMB	1	1000	30	1.3	5	1	0.5
FR2A-L	SMB	2	50	50	1.3	5	2	0.15

Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
FR2B-L	SMB	2	100	50	1.3	5	2	0.15
FR2D-L	SMB	2	200	50	1.3	5	2	0.15
FR2G-L	SMB	2	400	50	1.3	5	2	0.15
FR2J-L	SMB	2	600	50	1.3	5	2	0.25
FR2K-L	SMB	2	800	50	1.3	5	2	0.5
FR2M-L	SMB	2	1000	50	1.3	5	2	0.5
FR3AB	SMB	3	50	100	1.3	10	3	0.15
FR3BB	SMB	3	100	100	1.3	10	3	0.15
FR3DB	SMB	3	200	100	1.3	10	3	0.15
FR3GB	SMB	3	400	100	1.3	10	3	0.15
FR3JB	SMB	3	600	100	1.3	10	3	0.25
FR3KB	SMB	3	800	100	1.3	10	3	0.5
FR3MB	SMB	3	1000	100	1.3	10	3	0.5
FR3A	SMC	3	50	100	1.3	10	3	0.15
FR3B	SMC	3	100	100	1.3	10	3	0.15
FR3D	SMC	3	200	100	1.3	10	3	0.15
FR3G	SMC	3	400	100	1.3	10	3	0.15
FR3J	SMC	3	600	100	1.3	10	3	0.25
FR3K	SMC	3	800	100	1.3	10	3	0.5
FR3M	SMC	3	1000	100	1.3	10	3	0.5
FRB2504	D2-PAK	25	400	280	1.3	10	25	0.25
FRA801GF	ITO-220AC	8	50	150	1.3	5	8	0.15
FRA802GF	ITO-220AC	8	100	150	1.3	5	8	0.15
FRA803GF	ITO-220AC	8	200	150	1.3	5	8	0.15
FRA804GF	ITO-220AC	8	400	150	1.3	5	8	0.15
FRA805GF	ITO-220AC	8	600	150	1.3	5	8	0.25
FRA806GF	ITO-220AC	8	800	150	1.3	5	8	0.5
FRA807GF	ITO-220AC	8	1000	150	1.3	5	8	0.5
PB62F	PB-6	6	200	150	1.3	10	3	0.2
1F1G	R-1	1	50	30	1.3	5	1	0.15
1F2G	R-1	1	100	30	1.3	5	1	0.15
1F3G	R-1	1	200	30	1.3	5	1	0.15
1F4G	R-1	1	400	30	1.3	5	1	0.15
1F5G	R-1	1	600	30	1.3	5	1	0.25
1F6G	R-1	1	800	30	1.3	5	1	0.5
1F7G	R-1	1	1000	30	1.3	5	1	0.5
1N4933GP	DO-41	1	50	30	1.2	5	1	0.2
1N4934GP	DO-41	1	100	30	1.2	5	1	0.2
1N4935GP	DO-41	1	200	30	1.2	5	1	0.2
1N4936GP	DO-41	1	400	30	1.2	5	1	0.2
1N4937GP	DO-41	1	600	30	1.2	5	1	0.2
1N4942GP	DO-41	1	200	25	1.3	5	1	0.15
1N4944GP	DO-41	1	400	25	1.3	5	1	0.15
1N4946GP	DO-41	1	600	25	1.3	5	1	0.25

Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
1N4947GP	DO-41	1	800	25	1.3	5	1	0.25
1N4948GP	DO-41	1	1000	25	1.3	5	1	0.5
BA157GP	DO-41	1	400	30	1.3	5	1	0.15
BA158GP	DO-41	1	600	30	1.3	5	1	0.15
BA159GP	DO-41	1	1000	30	1.3	5	1	0.25
FR101GP	DO-41	1	50	30	1.3	5	1	0.15
FR102GP	DO-41	1	100	30	1.3	5	1	0.15
FR103GP	DO-41	1	200	30	1.3	5	1	0.15
FR104GP	DO-41	1	400	30	1.3	5	1	0.15
FR105GP	DO-41	1	600	30	1.3	5	1	0.25
FR106GP	DO-41	1	800	30	1.3	5	1	0.5
FR107GP	DO-41	1	1000	30	1.3	5	1	0.5
FR151GP	DO-15	1.5	50	50	1.3	5	1.5	0.15
FR152GP	DO-15	1.5	100	50	1.3	5	1.5	0.15
FR153GP	DO-15	1.5	200	50	1.3	5	1.5	0.15
FR154GP	DO-15	1.5	400	50	1.3	5	1.5	0.15
FR155GP	DO-15	1.5	600	50	1.3	5	1.5	0.25
FR156GP	DO-15	1.5	800	50	1.3	5	1.5	0.5
FR157GP	DO-15	1.5	1000	50	1.3	5	1.5	0.5
FR201GP	DO-15	2	50	60	1.3	5	2	0.15
FR202GP	DO-15	2	100	60	1.3	5	2	0.15
FR203GP	DO-15	2	200	60	1.3	5	2	0.15
FR204GP	DO-15	2	400	60	1.3	5	2	0.15
FR205GP	DO-15	2	600	60	1.3	5	2	0.25
FR206GP	DO-15	2	800	60	1.3	5	2	0.5
FR207GP	DO-15	2	1000	60	1.3	5	2	0.5
FS2AFL	DO-221AC	2	50	50	1.3	5	2	0.15
FS2BFL	DO-221AC	2	100	50	1.3	5	2	0.15
FS2DFL	DO-221AC	2	200	50	1.3	5	2	0.15
FS2GFL	DO-221AC	2	400	50	1.3	5	2	0.15
FS2JFL	DO-221AC	2	600	50	1.3	5	2	0.25
FS2KFL	DO-221AC	2	800	50	1.3	5	2	0.5
FS2MFL	DO-221AC	2	1000	50	1.3	5	2	0.5
FR301GP	DO-201AD	3	50	150	1.3	5	3	0.15
FR302GP	DO-201AD	3	100	150	1.3	5	3	0.15
FR303GP	DO-201AD	3	200	150	1.3	5	3	0.15
FR304GP	DO-201AD	3	400	150	1.3	5	3	0.15
FR305GP	DO-201AD	3	600	150	1.3	5	3	0.25
FR306GP	DO-201AD	3	800	150	1.3	5	3	0.5
FR307GP	DO-201AD	3	1000	150	1.3	5	3	0.5
FR501GP	DO-201AD	5	50	200	1.35	10	5	0.15
FR502GP	DO-201AD	5	100	200	1.35	10	5	0.15
FR503GP	DO-201AD	5	200	200	1.35	10	5	0.15
FR504GP	DO-201AD	5	400	200	1.35	10	5	0.15

Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
FR505GP	DO-201AD	5	600	200	1.35	10	5	0.25
FR506GP	DO-201AD	5	800	200	1.35	10	5	0.5
FR507GP	DO-201AD	5	1000	200	1.35	10	5	0.5
FR601GP	R-6	6	50	200	1.3	10	6	0.15
FR602GP	R-6	6	100	200	1.3	10	6	0.15
FR603GP	R-6	6	200	200	1.3	10	6	0.15
FR604GP	R-6	6	400	200	1.3	10	6	0.15
FR605GP	R-6	6	600	200	1.3	10	6	0.25
FR606GP	R-6	6	800	200	1.3	10	6	0.5
FR607GP	R-6	6	1000	200	1.3	10	6	0.5
FR1001GP	R-6	10	50	250	1.3	5	10	0.15
FR1002GP	R-6	10	100	250	1.3	5	10	0.15
FR1003GP	R-6	10	200	250	1.3	5	10	0.15
FR1004GP	R-6	10	400	250	1.3	5	10	0.15
FR1005GP	R-6	10	600	250	1.3	5	10	0.25
FR1006GP	R-6	10	800	250	1.3	5	10	0.5
FR1007GP	R-6	10	1000	250	1.3	5	10	0.5

High Voltage Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
FM2000GP	SMA	0.5	2000	30	4.0	0.5	5.0	0.5
R5000FGP	DO-15	0.5	5000	20	6.0	0.5	5.0	0.3
R6000FGP	DO-15	0.5	6000	20	6.0	0.5	5.0	0.3
R2000FGP	DO-41	0.5	2000	30	4.0	0.5	5.0	0.5
R3000FGP	DO-41	0.2	3000	20	5.0	0.5	5.0	0.3

High Efficient Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
HER101G	DO-41	1	50	30	1	5	1	0.05
HER102G	DO-41	1	100	30	1	5	1	0.05
HER103G	DO-41	1	200	30	1	5	1	0.05
HER104G	DO-41	1	300	30	1	5	1	0.05
HER105G	DO-41	1	400	30	1.3	5	1	0.05
HER106G	DO-41	1	600	30	1.7	5	1	0.075
HER107G	DO-41	1	800	30	1.7	5	1	0.075
HER108G	DO-41	1	1000	30	1.7	5	1	0.075
1H1G	R-1	1	50	30	1	5	1	0.05
1H2G	R-1	1	100	30	1	5	1	0.05
1H3G	R-1	1	200	30	1	5	1	0.05
1H4G	R-1	1	400	30	1.3	5	1	0.05
1H5G	R-1	1	600	30	1.7	5	1	0.075
1H6G	R-1	1	800	30	1.7	5	1	0.075
1H7G	R-1	1	1000	30	1.7	5	1	0.075
HER201G	DO-15	2	50	60	1	5	2	0.05
HER202G	DO-15	2	100	60	1	5	2	0.05
HER203G	DO-15	2	200	60	1	5	2	0.05
HER204G	DO-15	2	300	60	1	5	2	0.05
HER205G	DO-15	2	400	60	1.3	5	2	0.05
HER206G	DO-15	2	600	60	1.7	5	2	0.075
HER207G	DO-15	2	800	60	1.7	5	2	0.075
HER208G	DO-15	2	1000	60	1.7	5	2	0.075
HER301G	DO-201AD	3	50	125	0.95	10	3	0.05
HER302G	DO-201AD	3	100	125	0.95	10	3	0.05
HER303G	DO-201AD	3	200	125	0.95	10	3	0.05
HER304G	DO-201AD	3	300	125	0.95	10	3	0.05
HER305G	DO-201AD	3	400	125	1.3	10	3	0.05
HER306G	DO-201AD	3	600	125	1.7	10	3	0.075
HER307G	DO-201AD	3	800	125	1.7	10	3	0.075
HER308G	DO-201AD	3	1000	125	1.7	10	3	0.075
HER501GP	DO-201AD	5	50	160	1	5	5	0.05
HER502GP	DO-201AD	5	100	160	1	5	5	0.05
HER503GP	DO-201AD	5	200	160	1	5	5	0.05
HER504GP	DO-201AD	5	300	160	1.3	5	5	0.05
HER505GP	DO-201AD	5	400	160	1.3	5	5	0.05
HER506GP	DO-201AD	5	600	160	1.7	5	5	0.075
HER507GP	DO-201AD	5	800	160	1.7	5	5	0.075
HER508GP	DO-201AD	5	1000	160	1.7	5	5	0.075
HER601GP	R-6	6	50	200	1.1	10	6	0.05
HER602GP	R-6	6	100	200	1.1	10	6	0.05
HER603GP	R-6	6	200	200	1.1	10	6	0.05
HER604GP	R-6	6	300	200	1.1	10	6	0.05
HER605GP	R-6	6	400	200	1.3	10	6	0.05

High Efficient Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
HER606GP	R-6	6	600	200	1.7	10	6	0.075
HER607GP	R-6	6	800	200	1.7	10	6	0.075
HER608GP	R-6	6	1000	200	1.7	10	6	0.075

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
SFM11PL	SOD-123FL	1	50	30	0.95	5	1	0.035
SFM12PL	SOD-123FL	1	100	30	0.95	5	1	0.035
SFM13PL	SOD-123FL	1	150	30	0.95	5	1	0.035
SFM14PL	SOD-123FL	1	200	30	0.95	5	1	0.035
SFM15PL	SOD-123FL	1	300	30	1.25	5	1	0.035
SFM16PL	SOD-123FL	1	400	30	1.25	5	1	0.035
SFM17PL	SOD-123FL	1	500	30	1.7	5	1	0.035
SFM18PL	SOD-123FL	1	600	30	1.7	5	1	0.035
UFM11PL	SOD-123FL	1	50	30	1	10	1	0.035
UFM12PL	SOD-123FL	1	100	30	1	10	1	0.035
UFM13PL	SOD-123FL	1	200	30	1	10	1	0.035
UFM14PL	SOD-123FL	1	400	30	1.4	10	1	0.05
UFM15PL	SOD-123FL	1	600	30	1.7	10	1	0.075
UFM16PL	SOD-123FL	1	800	30	1.7	10	1	0.075
UFM17PL	SOD-123FL	1	1000	30	1.7	10	1	0.075
ES1A-L	SMA	1	50	30	0.95	1	1	0.035
ES1B-L	SMA	1	100	30	0.95	1	1	0.035
ES1D-L	SMA	1	200	30	0.95	1	1	0.035
ES1G-L	SMA	1	400	30	1.25	1	1	0.035
ES1J-L	SMA	1	600	30	1.7	1	1	0.035
HS1K	SMA	1	800	30	2.2	5	1	0.035
MURS1A	SMA	1	50	30	0.92	5	1	0.015
MURS1B	SMA	1	100	30	0.92	5	1	0.015
MURS1D	SMA	1	200	30	0.92	5	1	0.015
MURS1G	SMA	1	400	30	1.25	5	1	0.025
MURS1J	SMA	1	600	30	1.25	5	1	0.075
MURS1JAL	SMA	1	600	30	1.4	5	1	0.035
UG1A	SMA	1	50	30	0.92	5	1	0.025
UG1B	SMA	1	100	30	0.92	5	1	0.025
UG1C	SMA	1	150	30	0.92	5	1	0.025
UG1D	SMA	1	200	30	0.92	5	1	0.025
UG1F	SMA	1	300	30	1.25	5	1	0.025
UG1G	SMA	1	400	30	1.25	5	1	0.025
US1A	SMA	1	50	30	1	10	1	0.05
US1B	SMA	1	100	30	1	10	1	0.05
US1C	SMA	1	150	30	1	10	1	0.05
US1D	SMA	1	200	30	1	10	1	0.05
US1G	SMA	1	400	30	1.4	10	1	0.05
US1J	SMA	1	600	30	1.7	10	1	0.075
US1K	SMA	1	800	30	1.7	10	1	0.075
US1M	SMA	1	1000	30	1.7	10	1	0.075
US1ML	SMA	1	1000	30	1.5	5	1	0.12
US1Q	SMA	1	1200	30	1.9	5	1	0.075
ES2A-L	SMA	2	50	50	0.95	5	2	0.035

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
ES2B-L	SMA	2	100	50	0.95	5	2	0.035
ES2C-L	SMA	2	150	50	0.95	5	2	0.035
ES2D-L	SMA	2	200	50	0.95	5	2	0.035
ES2G-L	SMA	2	400	50	1.25	5	2	0.035
ES2J-L	SMA	2	600	50	1.7	5	2	0.035
US2AA	SMA	2	50	50	1	5	2	0.05
US2BA	SMA	2	100	50	1	5	2	0.05
US2CA	SMA	2	150	50	1	5	2	0.05
US2DA	SMA	2	200	50	1	5	2	0.05
US2GA	SMA	2	400	50	1.4	5	2	0.05
US2JA	SMA	2	600	50	1.7	5	2	0.075
US2KA	SMA	2	800	50	1.7	5	2	0.075
US2MA	SMA	2	1000	50	1.7	5	2	0.075
ES1AE	SMAE	1	50	30	0.975	5	1	0.05
ES1BE	SMAE	1	100	30	0.975	5	1	0.05
ES1CE	SMAE	1	150	30	0.975	5	1	0.05
ES1DE	SMAE	1	200	30	0.975	5	1	0.05
ES1GE	SMAE	1	400	30	1.35	5	1	0.075
ES1JE	SMAE	1	600	30	1.35	5	1	0.075
ES1KE	SMAE	1	800	30	1.7	5	1	0.075
ES1ME	SMAE	1	1000	30	1.7	5	1	0.1
US1AE	SMAE	1	50	30	1	10	1	0.05
US1BE	SMAE	1	100	30	1	10	1	0.05
US1CE	SMAE	1	150	30	1	10	1	0.05
US1DE	SMAE	1	200	30	1	10	1	0.05
US1GE	SMAE	1	400	30	1.4	10	1	0.05
US1JE	SMAE	1	600	30	1.7	10	1	0.075
US1KE	SMAE	1	800	30	1.7	10	1	0.075
US1ME	SMAE	1	1000	30	1.7	10	1	0.075
UF1A	SMB	1	50	30	1	10	1	0.05
UF1B	SMB	1	100	30	1	10	1	0.05
UF1D	SMB	1	200	30	1	10	1	0.05
UF1G	SMB	1	400	30	1.4	10	1	0.05
UF1J	SMB	1	600	30	1.7	10	1	0.1
UF1K	SMB	1	800	30	1.7	10	1	0.1
UF1M	SMB	1	1000	30	1.7	10	1	0.1
ER1A-L	SMB	1	50	30	0.95	5	1	0.035
ER1B-L	SMB	1	100	30	0.95	5	1	0.035
ER1D-L	SMB	1	200	30	0.95	5	1	0.035
ER1G-L	SMB	1	400	30	1.25	5	1	0.035
ER1J-L	SMB	1	600	30	1.7	5	1	0.035
ER1Q-L	SMB	1	1200	30	1.85	5	1	0.15
MURS1DBL	SMB	1	200	40	0.9	2	1	0.025
MURS1JBL	SMB	1	600	35	1.25	5	1	0.05

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
MURS2D	SMB	2	200	50	0.92	2	2	0.025
MURS2J	SMB	2	600	50	1.25	5	2	0.05
ER2A-L	SMB	2	50	50	0.95	5	2	0.035
ER2B-L	SMB	2	100	50	0.95	5	2	0.035
ER2D-L	SMB	2	200	50	0.95	5	2	0.035
ER2G-L	SMB	2	400	50	1.25	5	2	0.035
ER2J-L	SMB	2	600	50	1.7	5	2	0.035
US2A	SMB	2	50	50	1	5	2	0.05
US2B	SMB	2	100	50	1	5	2	0.05
US2C	SMB	2	150	50	1	5	2	0.05
US2D	SMB	2	200	50	1	5	2	0.05
US2G	SMB	2	400	50	1.4	5	2	0.05
US2J	SMB	2	600	50	1.65	5	2	0.075
US2K	SMB	2	800	50	1.65	5	2	0.075
US2M	SMB	2	1000	50	1.65	5	2	0.075
US2Q	SMB	2	1200	50	1.7	5	2	0.1
ER3AB	SMB	3	50	100	0.95	5	3	0.035
ER3BB	SMB	3	100	100	0.95	5	3	0.035
ER3CB	SMB	3	150	100	0.95	5	3	0.035
ER3DB	SMB	3	200	100	0.95	5	3	0.035
ER3GB	SMB	3	400	100	1.25	5	3	0.035
ER3JB	SMB	3	600	100	1.7	5	3	0.035
ER3KB	SMB	3	800	100	1.7	5	3	0.075
ER3MB	SMB	3	1000	100	1.7	5	3	0.075
MURS3GB	SMB	3	400	100	1	5	3	0.035
MURS3JB	SMB	3	600	100	1.25	10	3	0.05
UG3AB	SMB	3	50	90	0.92	5	3	0.025
UG3BB	SMB	3	100	90	0.92	5	3	0.025
UG3CB	SMB	3	150	90	0.92	5	3	0.025
UG3DB	SMB	3	200	90	0.92	5	3	0.025
UG3GB	SMB	3	400	90	1.25	5	3	0.025
ER3A	SMC	3	50	100	0.95	5	3	0.035
ER3B	SMC	3	100	100	0.95	5	3	0.035
ER3C	SMC	3	150	100	0.95	5	3	0.035
ER3D	SMC	3	200	100	0.95	5	3	0.035
ER3G	SMC	3	400	100	1.25	5	3	0.035
ER3J	SMC	3	600	100	1.7	5	3	0.035
ER3K	SMC	3	800	100	1.7	5	3	0.075
ER3M	SMC	3	1000	100	1.7	5	3	0.075
ER3JL	SMC	3	600	120	1.25	10	3	0.05
MURS3D	SMC	3	200	100	0.92	5	3	0.035
MURS3G	SMC	3	400	100	1	5	3	0.035
MURS4J	SMC	4	600	100	1.28	10	4	0.05
ER5A	SMC	5	50	175	1	10	5	0.035

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
ER5B	SMC	5	100	175	1	10	5	0.035
ER5C	SMC	5	150	175	1	10	5	0.035
ER5D	SMC	5	200	175	1	10	5	0.035
ER5G	SMC	5	400	175	1.3	10	5	0.035
ER5J	SMC	5	600	175	1.7	10	5	0.035
US5A	SMC	5	50	150	1	10	5	0.05
US5B	SMC	5	100	150	1	10	5	0.05
US5D	SMC	5	200	150	1	10	5	0.05
US5F	SMC	5	300	150	1.3	10	5	0.05
US5G	SMC	5	400	150	1.3	10	5	0.05
US5J	SMC	5	600	150	1.7	10	5	0.075
US5K	SMC	5	800	150	1.7	10	5	0.075
US5M	SMC	5	1000	150	1.7	10	5	0.075
MURD420	DPAK	4	200	90	0.84	100	4	0.028
MURD5120	DPAK	5	1200	80	2.2	5	5	0.065
MURD820	DPAK	8	200	80	1.05	10	8	0.025
MURD860	DPAK	8	600	80	3	10	8	0.025
MURB820	D2-PAK	8	200	125	0.95	10	8	0.04
MURB1010CT	D2-PAK	10	100	100	0.95	10	5	-
MURB1020CT	D2-PAK	10	200	100	0.95	10	5	-
MURB1040CT	D2-PAK	10	400	100	1.3	10	5	-
MURB1060CT	D2-PAK	10	600	100	1.5	10	5	-
MURB10120C	D2-PAK	10	1200	110	2.4	10	10	0.075
MURB15120C	D2-PAK	15	1200	150	2.4	10	15	0.075
MURB2020C	D2-PAK	20	200	350	1.15	10	20	0.035
MURB2060C	D2-PAK	20	600	350	1.6	10	20	0.05
MURB2540C	D2-PAK	25	400	480	1.35	10	25	0.05
MUR605CT	TO-220AB	6	50	60	0.975	5	3	0.035
MUR610CT	TO-220AB	6	100	60	0.975	5	3	0.035
MUR620CT	TO-220AB	6	200	60	0.975	5	3	0.035
MUR640CT	TO-220AB	6	400	60	1.3	5	3	0.06
MUR660CT	TO-220AB	6	600	60	1.7	5	3	0.075
MUR1010CT	TO-220AB	10	100	80	0.975	10	5	0.035
MUR1015CT	TO-220AB	10	150	80	0.975	10	5	0.035
MUR1020CT	TO-220AB	10	200	80	0.975	10	5	0.035
MUR1040CT	TO-220AB	10	400	80	1.25	10	5	0.05
MUR1060CT	TO-220AB	10	600	80	1.7	10	5	0.05
MUR1605CT	TO-220AB	16	50	100	0.975	5	8	0.035
MUR1610CT	TO-220AB	16	100	100	0.975	5	8	0.035
MUR1620CT	TO-220AB	16	200	100	0.975	5	8	0.035
MUR1640CT	TO-220AB	16	400	100	1.3	5	8	0.05
MUR1660CT	TO-220AB	16	600	100	1.7	5	8	0.05
MUR2010CT	TO-220AB	20	100	125	0.975	10	10	0.035
MUR2015CT	TO-220AB	20	150	125	0.975	10	10	0.035

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
MUR2020CT	TO-220AB	20	200	125	0.975	10	10	0.035
MUR2040CT	TO-220AB	20	400	125	1.3	10	10	0.05
MUR2060CT	TO-220AB	20	600	125	1.5	10	10	0.05
MUR605FCT	ITO-220AB	6	50	80	0.975	5	3	0.035
MUR610FCT	ITO-220AB	6	100	80	0.975	5	3	0.035
MUR620FCT	ITO-220AB	6	200	80	0.975	5	3	0.035
MUR640FCT	ITO-220AB	6	400	80	1.3	5	3	0.06
MUR660FCT	ITO-220AB	6	600	80	1.7	5	3	0.075
MURS640FCT	ITO-220AB	6	400	80	1.25	5	3	0.035
SF1040FCT	ITO-220AB	10	400	80	1.3	5	5	0.035
MUR1005FCT	ITO-220AB	10	50	80	0.975	10	5	0.035
MUR1010FCT	ITO-220AB	10	100	80	0.975	10	5	0.035
MUR1015FCT	ITO-220AB	10	150	80	0.975	10	5	0.035
MUR1020FCT	ITO-220AB	10	200	80	0.975	10	5	0.035
MUR1040FCT	ITO-220AB	10	400	80	1.3	10	5	0.05
MUR1060FCT	ITO-220AB	10	600	80	1.5	10	5	0.05
MUR1605FCT	ITO-220AB	16	50	125	0.95	5	8	0.035
MUR1610FCT	ITO-220AB	16	100	125	0.95	5	8	0.035
MUR1615FCT	ITO-220AB	16	150	125	0.95	5	8	0.035
MUR1620FCT	ITO-220AB	16	200	125	0.95	5	8	0.035
MUR1630FCT	ITO-220AB	16	300	125	1.3	5	8	0.05
MUR1640FCT	ITO-220AB	16	400	125	1.3	5	8	0.05
MUR1660FCT	ITO-220AB	16	600	125	1.7	5	8	0.05
MUR2010FCT	ITO-220AB	20	100	125	0.975	10	10	0.035
MUR2015FCT	ITO-220AB	20	150	125	0.975	10	10	0.035
MUR2020FCT	ITO-220AB	20	200	125	0.975	10	10	0.035
MUR2040FCT	ITO-220AB	20	400	125	1.3	10	10	0.05
MUR2060FCT	ITO-220AB	20	600	125	1.5	10	10	0.05
MUR805	TO-220AC	8	50	125	0.975	5	8	0.035
MUR810	TO-220AC	8	100	125	0.975	5	8	0.035
MUR820	TO-220AC	8	200	125	0.975	5	8	0.035
MUR840	TO-220AC	8	400	125	1.3	5	8	0.05
MUR860	TO-220AC	8	600	125	1.5	5	8	0.05
MUR880	TO-220AC	8	800	125	1.9	10	8	0.1
MUR8120	TO-220AC	8	1200	110	2.3	10	8	0.065
MURS820	TO-220AC	8	200	125	0.975	5	8	0.025
MUR1005	TO-220AC	10	50	100	1.3	5	10	0.035
MUR1010	TO-220AC	10	100	100	1.3	5	10	0.035
MUR1020	TO-220AC	10	200	100	1.3	5	10	0.035
MUR1040	TO-220AC	10	400	100	1.5	5	10	0.05
MUR1060	TO-220AC	10	600	100	1.5	5	10	0.05
MUR15120	TO-220AC	15	1200	150	2.4	10	15	0.075
MUR1605	TO-220AC	16	50	200	0.975	5	16	0.035
MUR1610	TO-220AC	16	100	200	0.975	5	16	0.035

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
MUR1620	TO-220AC	16	200	200	0.975	5	16	0.035
MUR1640	TO-220AC	16	400	200	1.5	5	16	0.05
MUR1660	TO-220AC	16	600	200	1.5	5	16	0.05
MURS3060	TO-220AC	30	600	200	1.7	50	30	0.05
MUR810F	ITO-220AC	8	100	125	0.95	5	8	0.035
MUR820F	ITO-220AC	8	200	125	0.95	5	8	0.035
MUR840F	ITO-220AC	8	400	125	1.3	5	8	0.05
MUR860F	ITO-220AC	8	600	125	1.5	5	8	0.05
MUR8120F	ITO-220AC	8	1200	110	2.3	10	8	0.065
MUR1020F	ITO-220AC	10	200	125	1.15	5	10	0.035
MUR1040F	ITO-220AC	10	400	125	1.5	5	10	0.05
MUR1060F	ITO-220AC	10	600	125	1.6	5	10	0.05
MUR15120F	ITO-220AC	15	1200	110	2.7	10	15	0.065
MUR1605F	ITO-220AC	16	50	200	0.975	5	16	0.035
MUR1610F	ITO-220AC	16	100	200	0.975	5	16	0.035
MUR1620F	ITO-220AC	16	200	200	0.975	5	16	0.035
MUR1640F	ITO-220AC	16	400	200	1.5	5	16	0.05
MUR1660F	ITO-220AC	16	600	200	1.5	5	16	0.05
MUR3060F	ITO-220AC	30	600	200	1.7	50	30	0.05
MUR2020PT	TO-247	20	200	125	1	10	10	0.03
MUR2030PT	TO-247	20	300	125	1.2	10	10	0.03
MUR30120PT	TO-247	30	1200	150	2.9	10	15	0.05
MUR3030PT	TO-247	30	300	180	1.35	10	15	0.035
MUR3060PT	TO-247	30	600	180	1.55	10	15	0.04
MUR10100A	TO-247AC	10	1000	110	2.4	10	10	0.065
MUR3060A	TO-247AC	30	600	200	1.7	50	30	0.05
TES6D	TO-277B	6	200	150	0.92	2	6	0.025
US1AFL	DO-221AC	1	50	30	1	10	1	0.05
US1BFL	DO-221AC	1	100	30	1	10	1	0.05
US1CFL	DO-221AC	1	150	30	1	10	1	0.05
US1DFL	DO-221AC	1	200	30	1	10	1	0.05
US1GFL	DO-221AC	1	400	30	1.4	10	1	0.05
US1JFL	DO-221AC	1	600	30	1.7	10	1	0.075
US1KFL	DO-221AC	1	800	30	1.7	10	1	0.075
US1MFL	DO-221AC	1	1000	30	1.7	10	1	0.075
US2AFL	DO-221AC	2	50	50	1	5	1	0.05
US2BFL	DO-221AC	2	100	50	1	5	1	0.05
US2CFL	DO-221AC	2	150	50	1	5	1	0.05
US2DFL	DO-221AC	2	200	50	1	5	1	0.05
US2GFL	DO-221AC	2	400	50	1.4	5	1	0.05
US2JFL	DO-221AC	2	600	50	1.7	5	1	0.075
US2KFL	DO-221AC	2	800	50	1.7	5	1	0.075
US2MFL	DO-221AC	2	1000	50	1.7	5	1	0.075
MURS3JAFL	DO-221AC	3	600	100	1.7	5	3	0.035

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
MUR105GP	DO-41	1	50	25	0.97	5	1	0.045
MUR110GP	DO-41	1	100	25	0.97	5	1	0.045
MUR115GP	DO-41	1	150	25	0.97	5	1	0.045
MUR120GP	DO-41	1	200	25	1.35	5	1	0.045
MUR140GP	DO-41	1	400	25	1.35	5	1	0.045
MUR160GP	DO-41	1	600	25	1.35	5	1	0.06
SF11G	DO-41	1	50	30	0.95	5	1	0.035
SF12G	DO-41	1	100	30	0.95	5	1	0.035
SF13G	DO-41	1	150	30	0.95	5	1	0.035
SF14G	DO-41	1	200	30	0.95	5	1	0.035
SF15G	DO-41	1	300	30	1.3	5	1	0.035
SF16G	DO-41	1	400	30	1.3	5	1	0.035
SF18G	DO-41	1	600	30	1.7	5	1	0.035
SF18GL	DO-41	1	600	35	1.25	5	1	0.05
UF4001GP	DO-41	1	50	30	1	5	1	0.05
UF4002GP	DO-41	1	100	30	1	5	1	0.05
UF4003GP	DO-41	1	200	30	1	5	1	0.05
UF4004GP	DO-41	1	400	30	1.3	5	1	0.05
UF4005GP	DO-41	1	600	30	1.7	5	1	0.075
UF4006GP	DO-41	1	800	30	1.7	5	1	0.075
UF4007GP	DO-41	1	1000	30	1.7	5	1	0.075
UF4007GPL	DO-41	1	1000	30	1.7	5	1	0.075
MUR260GP	DO-41	2	600	50	1.35	5	2	0.05
MUR260GPL	DO-15	2	600	50	1.35	5	2	0.05
SF21G	DO-15	2	50	50	0.95	5	2	0.035
SF22G	DO-15	2	100	50	0.95	5	2	0.035
SF23G	DO-15	2	150	50	0.95	5	2	0.035
SF24G	DO-15	2	200	50	0.95	5	2	0.035
SF25G	DO-15	2	300	50	1.3	5	2	0.035
SF26G	DO-15	2	400	50	1.3	5	2	0.035
SF28G	DO-15	2	600	50	1.7	5	2	0.035
SF26GS	DO-15	2	400	50	1.3	5	2	0.035
UF5400GP	DO-201AD	3	50	100	0.95	10	3	0.05
UF5401GP	DO-201AD	3	100	100	0.95	10	3	0.05
UF5402GP	DO-201AD	3	200	100	0.95	10	3	0.05
UF5404GP	DO-201AD	3	400	100	1.3	10	3	0.05
UF5406GP	DO-201AD	3	600	100	1.7	10	3	0.075
UF5407GP	DO-201AD	3	800	100	1.7	10	3	0.075
UF5408GP	DO-201AD	3	1000	100	1.7	10	3	0.075
SF31G	DO-201AD	3	50	125	0.95	5	3	0.035
SF32G	DO-201AD	3	100	125	0.95	5	3	0.035
SF34G	DO-201AD	3	200	125	0.95	5	3	0.035
SF35G	DO-201AD	3	300	125	1.27	5	3	0.035
SF36G	DO-201AD	3	400	125	1.27	5	3	0.035

Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
SF38G	DO-201AD	3	600	125	1.75	5	3	0.035
MUR405GP	DO-201AD	4	50	150	1	10	4	0.045
MUR4100GP	DO-201AD	4	1000	150	1.85	10	4	0.075
MUR410GP	DO-201AD	4	100	150	1	10	4	0.045
MUR415GP	DO-201AD	4	150	150	1	10	4	0.045
MUR420GP	DO-201AD	4	200	150	1.35	10	4	0.06
MUR440GP	DO-201AD	4	400	150	1.35	10	4	0.06
MUR460GP	DO-201AD	4	600	150	1.35	10	4	0.06
MUR480GP	DO-201AD	4	800	150	1.85	10	4	0.075
MURS480GP	DO-201AD	4	800	125	1.85	5	4	0.075
NUR440GP	DO-201AD	4	400	100	1.25	10	4	0.05
NUR460GP	DO-201AD	4	600	100	1.25	10	4	0.05
SF41G	DO-201AD	4	50	150	0.95	5	4	0.035
SF42G	DO-201AD	4	100	150	0.95	5	4	0.035
SF44G	DO-201AD	4	200	150	0.95	5	4	0.035
SF45G	DO-201AD	4	300	150	1.27	5	4	0.035
SF46G	DO-201AD	4	400	150	1.27	5	4	0.035
SF48G	DO-201AD	4	600	150	1.75	5	4	0.035
SF51G	DO-201AD	5	50	150	0.95	5	5	0.035
SF52G	DO-201AD	5	100	150	0.95	5	5	0.035
SF54G	DO-201AD	5	200	150	0.95	5	5	0.035
SF55G	DO-201AD	5	300	150	1.27	5	5	0.035
SF56G	DO-201AD	5	400	150	1.27	5	5	0.035
SF58G	DO-201AD	5	600	150	1.75	5	5	0.035
SF61G	DO-201AD	6	50	150	0.975	5	6	0.035
SF62G	DO-201AD	6	100	150	0.975	5	6	0.035
SF63G	DO-201AD	6	150	150	0.975	5	6	0.035
SF64G	DO-201AD	6	200	150	0.975	5	6	0.035
SF65G	DO-201AD	6	300	150	1.3	5	6	0.035
SF66G	DO-201AD	6	400	150	1.3	5	6	0.035
SF67G	DO-201AD	6	500	150	1.7	5	6	0.035
SF68G	DO-201AD	6	600	150	1.7	5	6	0.035

Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
BAS70LP	SOD-882	0.07	70	0.1	1	100	0.015	-
BAS40LP	SOD-882	0.12	40	0.2	0.5	10	0.01	-
BAS70X	SOD-523	0.07	70	100	1	0.1	0.015	0.005
BAS40X	SOD-523	0.2	40	0.6	1	0.2	0.04	0.005
BAT54WX	SOD-523	0.2	30	0.6	0.8	2	0.1	0.005
SD103AX	SOD-523	0.35	40	1	0.6	5	0.2	0.01
BAS70WX	SOD-323	0.07	70	0.1	1	0.1	0.015	0.005
SD107WS	SOD-323	0.1	30	0.75	0.55	1	0.05	-
BAS40WX	SOD-323	0.2	40	0.6	1	0.2	0.04	0.005
BAT54WS	SOD-323	0.2	30	0.6	1	2	0.1	0.005
SD106WS	SOD-323	0.2	30	1	0.55	5	0.2	-
SD103AWS	SOD-323	0.35	40	1.5	0.37	5	0.02	0.01
SD103BWS	SOD-323	0.35	30	1.5	0.37	5	0.02	0.01
SD103CWS	SOD-323	0.35	20	1.5	0.37	5	0.02	0.01
B0530WS	SOD-323	0.5	30	5	0.55	300	0.5	-
BAT60B	SOD-323	3	10	5	0.3	15	0.01	-
SD101AWS	SOD-323	-	60	2	0.41	0.2	0.001	0.001
SD101BWS	SOD-323	-	50	2	0.4	0.2	0.001	0.001
SD101CWS	SOD-323	-	40	2	0.39	0.2	0.001	0.001
SD101AW	SOD-123	0.015	60	2	0.41	0.2	0.001	0.001
SD101BW	SOD-123	0.015	50	2	0.4	0.2	0.001	0.001
SD101CW	SOD-123	0.015	40	2	0.39	0.2	0.001	0.001
BAT54W	SOD-123	0.2	30	0.6	1	2	0.1	-
SD103AW	SOD-123	0.35	40	1.5	0.37	5	0.02	0.01
SD103BW	SOD-123	0.35	30	1.5	0.37	5	0.02	0.01
SD103CW	SOD-123	0.35	20	1.5	0.37	5	0.02	0.01
BAT54CM	SOT-723	0.2	30	0.6	1	2	0.1	0.005
BAT54M	SOT-723	0.2	30	0.6	0.4	2	0.01	0.005
BAS70-04T	SOT-523	0.07	70	0.1	1	0.1	0.015	0.005
BAS70-05T	SOT-523	0.07	70	0.1	1	0.1	0.015	0.005
BAS70-06T	SOT-523	0.07	70	0.1	1	0.1	0.015	0.005
BAS70T	SOT-523	0.07	70	0.1	1	0.1	0.015	0.005
BAS40-04T	SOT-523	0.2	40	-	1	0.2	0.04	0.005
BAS40-05T	SOT-523	0.2	40	-	1	0.2	0.04	0.005
BAS40-06T	SOT-523	0.2	40	-	1	0.2	0.04	0.005
BAS40T	SOT-523	0.2	40	-	1	0.2	0.04	0.005
BAT54AT	SOT-523	0.2	30	0.6	1	2	0.1	0.005
BAT54CT	SOT-523	0.2	30	0.6	1	2	0.1	0.005
BAT54ST	SOT-523	0.2	30	0.6	1	2	0.1	0.005
BAT54T	SOT-523	0.2	30	0.6	1	2	0.1	0.005
BAS40V	SOT-563	0.2	40	-	1	0.2	0.04	0.005
BAT54V	SOT-563	0.2	30	-	1	2	0.1	0.005
BAS70WT	SOT-323	0.07	70	-	1	0.1	0.015	0.005
BAS70WT-04	SOT-323	0.07	70	-	1	0.1	0.015	0.005

Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (µs)
BAS70WT-05	SOT-323	0.07	70	-	1	0.1	0.015	0.005
BAS70WT-06	SOT-323	0.07	70	-	1	0.1	0.015	0.005
BAS40WT	SOT-323	0.2	40	-	1	1	0.04	0.005
BAS40WT-04	SOT-323	0.2	40	-	1	1	0.04	0.005
BAS40WT-05	SOT-323	0.2	40	-	1	1	0.04	0.005
BAS40WT-06	SOT-323	0.2	40	-	1	1	0.04	0.005
BAT54AWT	SOT-323	0.2	30	0.6	1	2	0.1	0.005
BAT54CWT	SOT-323	0.2	30	0.6	1	2	0.1	0.005
BAT54SWT	SOT-323	0.2	30	0.6	1	2	0.1	0.005
BAT54WT	SOT-323	0.2	30	0.6	1	2	0.1	0.005
BAT64-04W	SOT-323	0.25	40	0.8	0.3	2	0.03	0.005
BAT64-05W	SOT-323	0.25	40	0.8	0.3	2	0.03	0.005
BAT64-06W	SOT-323	0.25	40	0.8	0.3	2	0.03	0.005
BAS70BRW	SOT-363	0.07	70	0.1	1	0.1	0.015	0.005
BAS70DW-04	SOT-363	0.07	70	0.1	1	0.1	0.015	0.005
BAS70DW-05	SOT-363	0.07	70	0.1	1	0.1	0.015	0.005
BAS70DW-06	SOT-363	0.07	70	0.1	1	0.1	0.015	0.005
BAS70TW	SOT-363	0.07	70	0.1	1	0.1	0.015	0.005
BAS40TW	SOT-363	0.2	40	-	1	0.2	0.04	0.005
BAS40BRW	SOT-363	0.2	40	-	1	0.2	0.04	0.005
BAS40DW-04	SOT-363	0.2	40	-	1	0.2	0.04	0.005
BAS40DW-05	SOT-363	0.2	40	-	1	0.2	0.04	0.005
BAS40DW-06	SOT-363	0.2	40	-	1	0.2	0.04	0.005
BAT54ADW	SOT-363	0.2	30	0.6	1	2	0.1	0.005
BAT54BRW	SOT-363	0.2	30	0.6	1	2	0.1	0.005
BAT54CDW	SOT-363	0.2	30	0.6	1	2	0.1	0.005
BAT54SDW	SOT-363	0.2	30	0.6	1	2	0.1	0.005
BAT54TW	SOT-363	0.2	30	0.6	1	2	0.1	0.005
BAT54DW	SOT-363	0.2	30	0.6	1	2	0.1	0.005
BAS70	SOT-23	0.07	70	0.1	1	0.01	0.015	0.005
BAS70-04	SOT-23	0.07	70	0.1	1	0.01	0.015	0.005
BAS70-05	SOT-23	0.07	70	0.1	1	0.01	0.015	0.005
BAS70-06	SOT-23	0.07	70	0.1	1	0.01	0.015	0.005
BAS40	SOT-23	0.2	40	0.6	1	0.01	0.04	0.005
BAS40-04	SOT-23	0.2	40	0.6	1	0.01	0.04	0.005
BAS40-05	SOT-23	0.2	40	0.6	1	0.01	0.04	0.005
BAS40-06	SOT-23	0.2	40	0.6	1	0.01	0.04	0.005
BAT54	SOT-23	0.2	30	0.6	0.4	2	0.01	0.005
BAT54A	SOT-23	0.2	30	0.6	0.4	2	0.01	0.005
BAT54C	SOT-23	0.2	30	0.6	0.4	2	0.01	0.005
BAT54S	SOT-23	0.2	30	0.6	0.4	2	0.01	0.005
BAT64-04	SOT-23	0.25	40	0.8	0.43	2	0.01	-
BAT64-05	SOT-23	0.25	40	0.8	0.43	2	0.01	-
BAT64-06	SOT-23	0.25	40	0.8	0.43	2	0.01	-

Diodes

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SM5819L2	DFN1006-2	1	40	10	0.6	60	1
RB751S-40L2	DFN1006-2L	0.03	40	0.15	0.37	0.5	0.001
RB520S-30L2	DFN1006-2L	0.1	30	0.5	0.45	0.5	0.01
RB521S-30L2	DFN1006-2L	0.1	30	1	0.35	10	0.01
BAT54L2	DFN1006-2L	0.2	30	0.6	0.5	2.0	0.3
MBR20P50	DFN5060	20	50	275	0.53	300	20
MBRLP20100	DFN5060-8L	20	100	280	0.7	250	20
MBRLP2050	DFN5060-8L	20	50	280	0.51	300	20
RB751S-40DP	0201	0.03	40	0.2	0.37	0.5	0.001
RB520S-30DP	0201	0.1	30	0.5	0.56	20	0.1
RB521S-30DP	0201	0.1	30	0.5	0.53	50	0.1
B5819XP	FBP-02L	1	40	5	0.55	50	0.7
B58195XP	FBP-02L	1.5	40	8	0.58	50	1.5
RB751S-40LP	SOD-882	0.03	40	0.15	0.37	0.5	0.001
RB520S-30LP	SOD-882	0.1	30	0.5	0.45	0.5	0.01
RB521S-30LP	SOD-882	0.1	30	1	0.35	10	0.01
BAT54LP	SOD-882	0.2	30	0.6	0.5	2.0	0.03
RB751G-40	SOD-723	0.03	40	0.2	0.37	0.5	0.001
RB520G-30	SOD-723	0.1	30	0.5	0.45	0.5	0.01
RB521G-30	SOD-723	0.1	30	1	0.35	10	0.01
RB751S-40	SOD-523	0.03	40	0.5	0.37	0.5	0.001
BAT43X	SOD-523	0.2	30	4	1	0.5	0.2
RB520S-30	SOD-523	0.2	30	1	0.6	1.0	0.2
RB520S-40	SOD-523	0.2	40	1	0.55	1.0	0.1
RB521S-30	SOD-523	0.2	30	1	0.5	30	0.2
RB521S-40	SOD-523	0.2	40	1	0.54	90	0.2
B0520WTL	SOD-523	0.5	20	5.5	0.385	250	0.5
B5817X	SOD-523	1	20	4	0.5	100	1
BAT46W	SOD-123	0.15	100	-	1	5.0	0.25
BAT42W	SOD-123	0.2	30	4	1	0.5	0.2
BAT43W	SOD-123	0.2	30	4	1	0.5	0.2
B0540W	SOD-123	0.5	40	5.5	0.55	80	0.5
MBR0520L	SOD-123	0.5	20	5.5	0.385	250	0.5
MBR0530L	SOD-123	0.5	30	5.5	0.43	130	0.5
MBR0540L	SOD-123	0.5	40	5.5	0.51	20	0.5
MBR0520	SOD-123	0.5	20	5.5	0.45	200	0.5
MBR0530	SOD-123	0.5	30	5.5	0.55	200	0.5
MBR0540	SOD-123	0.5	40	5.5	0.55	200	0.5
MBR0560	SOD-123	0.5	60	5.5	0.7	200	0.5
MBR0580	SOD-123	0.5	80	5.5	0.8	200	0.5
B5817W	SOD-123	1	20	10	0.45	200	1
B5818W	SOD-123	1	30	10	0.55	40	1
B5819W	SOD-123	1	40	10	0.6	40	1
MBRX120LF	SOD-123	1	20	12	0.2	260	0.1

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MBR140LSF	SOD-123FL	1	40	30	0.4	1000	1
SL110PL	SOD-123FL	1	100	28	0.6	500	1
SL14PL	SOD-123FL	1	40	28	0.4	500	1
SL16PL	SOD-123FL	1	60	28	0.55	500	1
SM5817PL	SOD-123FL	1	20	30	0.45	100	1
SM5818PL	SOD-123FL	1	30	30	0.53	100	1
SM5819PL	SOD-123FL	1	40	30	0.53	100	1
SMD110PL	SOD-123FL	1	100	30	0.85	500	1
SMD1150PL	SOD-123FL	1	150	30	0.85	500	1
SMD1200PL	SOD-123FL	1	200	30	0.95	500	1
SMD15PL	SOD-123FL	1	50	30	0.7	500	1
SMD16PL	SOD-123FL	1	60	30	0.7	500	1
SMD18PL	SOD-123FL	1	80	30	0.85	500	1
SSL16PL	SOD-123FL	1	60	30	0.45	65	1
SL22PL	SOD-123FL	2	20	40	0.42	1000	2
SL210PL	SOD-123FL	2	100	50	0.72	500	2
SL24PL	SOD-123FL	2	40	50	0.47	500	2
SL26PL	SOD-123FL	2	60	50	0.55	500	2
SL24UPL	SOD-123FL	2	40	80	0.42	300	2
SMD210HPL	SOD-123FL	2	100	50	0.85	5.0	2
SMD2150PL	SOD-123FL	2	150	50	0.9	500	2
SMD220PL	SOD-123FL	2	200	50	0.9	500	2
SMD210PL	SOD-123FL	2	100	50	0.85	500	2
SMD22PL	SOD-123FL	2	20	50	0.5	500	2
SMD24PL	SOD-123FL	2	40	50	0.5	500	2
SMD26PL	SOD-123FL	2	60	50	0.7	500	2
SMD28PL	SOD-123FL	2	80	50	0.85	500	2
SL310PL	SOD-123FL	3	100	60	0.6	500	3
SL34PL	SOD-123FL	3	40	60	0.45	500	3
SL36PL	SOD-123FL	3	60	60	0.5	500	3
SMD310PL	SOD-123FL	3	100	80	0.85	100	3
SMD32PL	SOD-123FL	3	20	80	0.5	100	3
SMD34PL	SOD-123FL	3	40	80	0.5	100	3
SMD36PL	SOD-123FL	3	60	80	0.65	100	3
SMD38PL	SOD-123FL	3	80	80	0.85	100	3
SMD33LHE1	SOD-123HE1	3	30	80	0.42	120	3
SMD34LHE1	SOD-123HE1	3	40	80	0.45	120	3
SMD36LHE1	SOD-123HE1	3	60	80	0.48	150	3
SS310HT	SOD-123HT	3	100	50	0.85	200	3
SS32HT	SOD-123HT	3	20	50	0.55	200	3
SS33HT	SOD-123HT	3	30	50	0.55	200	3
SS34HT	SOD-123HT	3	40	50	0.55	200	3
SS35HT	SOD-123HT	3	50	50	0.7	200	3
SS36HT	SOD-123HT	3	60	50	0.7	200	3

Diodes

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SS38HT	SOD-123HT	3	80	50	0.85	200	3
RB751V-40	SOD-323	0.03	40	0.2	0.37	0.5	0.001
RB500V-40	SOD-323	0.1	40	1	0.45	1.0	0.01
RB501V-40	SOD-323	0.1	40	1	0.34	30	0.01
BAT46WS	SOD-323	0.15	100	0.75	0.45	0.5	0.01
BAT42WS	SOD-323	0.2	30	4	1	0.5	0.2
BAT43WS	SOD-323	0.2	30	4	1	0.5	0.2
B0540WS	SOD-323	0.5	40	5	0.55	80	0.5
B0560WS	SOD-323	0.5	60	5	0.7	100	0.5
MBRX0520L	SOD-323	0.5	20	5.5	0.39	250	0.5
RB551V-30	SOD-323	0.5	30	2	0.47	100	0.5
RB551V-40	SOD-323	0.5	40	2	0.47	100	0.5
B5817WS	SOD-323	1	20	10	0.45	200	1
B5818WS	SOD-323	1	30	10	0.55	40	1
B5819WS	SOD-323	1	40	10	0.6	40	1
B5818LWS	SOD-323	1	30	10	0.45	200	1
BSR106WS	SOD-323	1	60	10	0.7	100	1
SMD22WS	SOD-323	2	20	9	0.45	80	1
B5819WSL	SOD-323FL	1	40	10	0.6	50	1
SSL16XL	SOD-323FL	1	60	30	0.45	65	1
1SS294	SOT-23	0.1	40	0.3	0.54	5.0	0.1
RB420DS	SOT-23	0.1	40	1	0.45	1.0	0.01
RB421DS	SOT-23	0.1	40	1	0.55	30	0.1
RB425DS	SOT-23	0.1	40	1	0.55	30	0.1
RB495DS	SOT-23	0.4	40	2	0.5	70	0.2
BAT720	SOT-23	0.5	40	2	0.55	100	0.5
RB400DS	SOT-23	0.5	40	3	0.55	50	0.5
RB411DS	SOT-23	0.5	20	3	0.5	30	0.5
BAT750	SOT-23	0.75	40	5.5	0.45	60	0.75
RB491DS	SOT-23	1	20	3	0.45	200	1
MMBD301	SOT-23	-	30	-	0.52	0.2	0.01
RB715W	SOT-523	0.03	40	0.2	0.37	1.0	0.001
RB480KS	SOT-353	0.1	40	1	0.45	1.0	0.01
SD103ATW	SOT-363	0.35	40	1	0.37	5.0	0.02
RB706F-40	SOT-323	0.03	40	0.2	0.37	1.0	0.001
RB715F	SOT-323	0.03	40	0.2	0.37	1.0	0.001
RB717F	SOT-323	0.03	40	0.2	0.37	1.0	0.001
1SS372	SOT-323	0.1	10	1	0.18	20	0.001
BAT720WT	SOT-323	0.5	40	2	0.55	100	0.5
RB461F	SOT-323	0.7	20	-	0.49	200	0.7
SS12-L	SMA	1	20	30	0.5	500	1
SS13-L	SMA	1	30	30	0.5	500	1
SS14-L	SMA	1	40	30	0.5	500	1
SS15-L	SMA	1	50	30	0.7	500	1

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SS16-L	SMA	1	60	30	0.7	500	1
SS18-L	SMA	1	80	30	0.85	100	1
SS110-L	SMA	1	100	30	0.85	100	1
SS1150-L	SMA	1	150	30	0.9	50	1
SS1200-L	SMA	1	200	30	0.92	50	1
SL14A	SMA	1	40	28	0.4	500	1
SL16A	SMA	1	60	28	0.55	500	1
SL110A	SMA	1	100	28	0.6	500	1
SK225L	SMA	2	25	50	0.55	500	2
SL24A	SMA	2	40	50	0.47	500	2
SL26A	SMA	2	60	50	0.55	500	2
SL210A	SMA	2	100	50	0.75	500	2
SS22-L	SMA	2	20	50	0.55	500	2
SS23-L	SMA	2	30	50	0.55	500	2
SS24-L	SMA	2	40	50	0.55	500	2
SS25-L	SMA	2	50	50	0.7	500	2
SS26-L	SMA	2	60	50	0.7	500	2
SS28-L	SMA	2	80	50	0.85	500	2
SS210-L	SMA	2	100	50	0.85	500	2
SS2150-L	SMA	2	150	50	0.9	500	2
SS220-L	SMA	2	200	50	0.9	500	2
SS210H-L	SMA	2	100	50	0.85	5.0	2
SL34A	SMA	3	40	60	0.45	500	3
SL345A	SMA	3	45	60	0.45	500	3
SL36A	SMA	3	60	60	0.5	500	3
SL310A	SMA	3	100	60	0.6	500	3
SK3150A-L	SMA	3	150	80	0.9	200	3
SK3200A-L	SMA	3	200	80	0.86	50	3
SK310A-L	SMA	3	100	80	0.85	500	3
SK32A-L	SMA	3	20	80	0.5	500	3
SK33A-L	SMA	3	30	80	0.5	500	3
SK345A-L	SMA	3	45	80	0.5	500	3
SK34A-L	SMA	3	40	80	0.5	500	3
SK35A-L	SMA	3	50	80	0.75	500	3
SK36A-L	SMA	3	60	80	0.75	500	3
SK38A-L	SMA	3	80	80	0.85	500	3
SK34AL-TPS02	SMA	3	40	90	0.43	1000	3
SK510A-L	SMA	5	100	100	0.85	1000	5
SK52A-L	SMA	5	20	100	0.55	1000	5
SK53A-L	SMA	5	30	100	0.55	1000	5
SK54A-L	SMA	5	40	100	0.55	1000	5
SK55A-L	SMA	5	50	100	0.75	1000	5
SK56A-L	SMA	5	60	100	0.75	1000	5
SK58A-L	SMA	5	80	100	0.85	1000	5

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SS12E	SMAE	1	20	30	0.6	500	1
SS13E	SMAE	1	30	30	0.6	500	1
SS14E	SMAE	1	40	30	0.6	500	1
SS15E	SMAE	1	50	30	0.7	500	1
SS16E	SMAE	1	60	30	0.7	500	1
SS18E	SMAE	1	80	30	0.85	500	1
SS110E	SMAE	1	100	30	0.85	500	1
SK12-L	SMB	1	20	30	0.5	500	1
SK13-L	SMB	1	30	30	0.5	500	1
SK14-L	SMB	1	40	30	0.5	500	1
SK15-L	SMB	1	50	30	0.72	500	1
SK16-L	SMB	1	60	30	0.72	500	1
SK18-L	SMB	1	80	30	0.85	500	1
SK110-L	SMB	1	100	30	0.85	500	1
SK1150-L	SMB	1	150	30	0.9	50	1
SK1200-L	SMB	1	200	30	0.92	50	1
SK22-L	SMB	2	20	50	0.5	2000	2
SK23-L	SMB	2	30	50	0.5	2000	2
SK24-L	SMB	2	40	50	0.5	2000	2
SK25-L	SMB	2	50	50	0.7	1000	2
SK26-L	SMB	2	60	50	0.7	1000	2
SK28-L	SMB	2	80	50	0.85	1000	2
SK210-L	SMB	2	100	50	0.85	1000	2
SK2150-L	SMB	2	150	50	0.9	500	2
SK220-L	SMB	2	200	50	0.9	500	2
SL24B	SMB	2	40	50	0.47	500	2
SL26B	SMB	2	60	50	0.55	500	2
SL210B	SMB	2	100	50	0.75	100	2
SK32B-L	SMB	3	20	100	0.5	500	3
SK33B-L	SMB	3	30	100	0.5	500	3
SK34B-L	SMB	3	40	100	0.5	500	3
SK35B-L	SMB	3	50	100	0.75	500	3
SK36B-L	SMB	3	60	100	0.75	500	3
SK38B-L	SMB	3	80	100	0.85	500	3
SK310B-L	SMB	3	100	100	0.85	500	3
SK3150B-L	SMB	3	150	80	0.86	200	3
SK3200B-L	SMB	3	200	100	0.86	2.0	3
SL34B	SMB	3	40	60	0.45	500	3
SL36B	SMB	3	60	60	0.5	500	3
SL310B	SMB	3	100	60	0.6	500	3
SK42BL	SMB	4	20	100	0.45	500	4
SK43BL	SMB	4	30	100	0.45	500	4
SK44BL	SMB	4	40	100	0.45	500	4
SK52B-L	SMB	5	20	100	0.55	1000	5

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SK53B-L	SMB	5	30	100	0.55	1000	5
SK54B-L	SMB	5	40	100	0.55	1000	5
SK55B-L	SMB	5	50	100	0.75	1000	5
SK56B-L	SMB	5	60	100	0.75	1000	5
SK58B-L	SMB	5	80	100	0.85	1000	5
SK510B-L	SMB	5	100	100	0.85	1000	5
SK5150B-L	SMB	5	150	100	0.87	1000	5
SK520B-L	SMB	5	200	100	0.9	1000	5
SL510B	SMB	5	100	100	0.7	500	5
SL54B	SMB	5	40	100	0.45	500	5
SL56B	SMB	5	60	100	0.5	500	5
SK32	SMC	3	20	100	0.5	500	3
SK33	SMC	3	30	100	0.5	500	3
SK34	SMC	3	40	100	0.5	500	3
SK35	SMC	3	50	100	0.75	500	3
SK36	SMC	3	60	100	0.75	500	3
SK38	SMC	3	80	100	0.85	500	3
SK310	SMC	3	100	100	0.85	500	3
SK3150	SMC	3	150	80	0.9	200	3
SK3200	SMC	3	200	100	0.86	500	3
SK42L	SMC	4	20	150	0.45	500	4
SK43L	SMC	4	30	150	0.45	500	4
SK44L	SMC	4	40	150	0.45	500	4
SK4200L	SMC	4	200	100	0.86	500	4
SK52L	SMC	5	20	100	0.55	1000	5
SK53L	SMC	5	30	100	0.55	1000	5
SK54L	SMC	5	40	100	0.55	1000	5
SK55L	SMC	5	50	100	0.75	1000	5
SK56L	SMC	5	60	100	0.75	1000	5
SK58L	SMC	5	80	100	0.85	1000	5
SK510L	SMC	5	100	100	0.85	1000	5
SK5150L	SMC	5	150	150	0.87	200	5
SK5200L	SMC	5	200	150	0.9	200	5
SL54	SMC	5	40	100	0.45	500	5
SL56	SMC	5	60	100	0.5	500	5
SL510	SMC	5	100	100	0.7	500	5
SK62L	SMC	6	20	150	0.65	1000	6
SK63L	SMC	6	30	150	0.65	1000	6
SK64L	SMC	6	40	150	0.65	1000	6
SK645L	SMC	6	45	150	0.65	1000	6
SK65L	SMC	6	50	150	0.85	1000	6
SK66L	SMC	6	60	150	0.85	1000	6
SK68L	SMC	6	80	150	0.85	1000	6
SK610L	SMC	6	100	150	0.85	1000	6

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SK82L	SMC	8	20	200	0.65	1000	8
SK83L	SMC	8	30	200	0.65	1000	8
SK835L	SMC	8	35	200	0.65	1000	8
SK84L	SMC	8	40	200	0.65	1000	8
SK845L	SMC	8	45	200	0.65	1000	8
SK86L	SMC	8	60	200	0.65	1000	8
SK88L	SMC	8	80	200	0.8	1000	8
SK810L	SMC	8	100	200	0.8	1000	8
SK1045-L	SMC	10	45	250	0.55	500	10
MBRD5100	DPAK	5	100	80	0.72	3.0	5
MBRD5100HL	DPAK	5	100	100	0.73	3.5	5
MBRD5200	DPAK	5	200	130	0.86	5.0	5
MBRD5200CT	DPAK	5	200	140	0.84	5.0	2.5
MBRD640CT	DPAK	6	40	78	0.54	100	3
MBRD660CT	DPAK	6	60	80	0.74	50	3
MBRD6100CT	DPAK	6	100	78	0.74	200	3
MBRD845C	DPAK	8	45	150	0.51	100	8
MBRD1020CT	DPAK	10	20	150	0.65	500	5
MBRD1030CT	DPAK	10	30	150	0.65	500	5
MBRD1045CT	DPAK	10	45	150	0.65	500	5
MBRD1045C	DPAK	10	45	150	0.51	100	10
MBRD1050CT	DPAK	10	50	150	0.75	500	5
MBRD1060CT	DPAK	10	60	150	0.75	500	5
MBRD1080CT	DPAK	10	80	150	0.8	500	5
MBRD10100	DPAK	10	100	180	0.73	50	10
MBRD10100CT	DPAK	10	100	150	0.85	500	5
MBRD10150CT	DPAK	10	150	100	0.92	50	5
MBRD10200CT	DPAK	10	200	100	0.92	50	5
MBRD1220CT	DPAK	12	20	150	0.47	500	6
MBRD1230CT	DPAK	12	30	150	0.47	500	6
MBRD1245CT	DPAK	12	45	150	0.47	500	6
MBRD20100	DPAK	20	100	200	0.76	50	20
MBRD20150CTH	DPAK	20	150	125	0.9	10	10
MBRB8100	D2-PAK	8	100	150	0.85	500	8
MBRB820	D2-PAK	8	20	150	0.55	500	8
MBRB830	D2-PAK	8	30	150	0.55	500	8
MBRB840	D2-PAK	8	40	150	0.55	500	8
MBRB850	D2-PAK	8	50	150	0.75	500	8
MBRB860	D2-PAK	8	60	150	0.75	500	8
MBRB880	D2-PAK	8	80	150	0.85	500	8
SBLB1040	D2-PAK	10	40	250	0.6	1000	10
MBRB10100CT	D2-PAK	10	100	150	0.85	100	5
MBRB10150CT	D2-PAK	10	150	120	0.92	50	5
MBRB10200CT	D2-PAK	10	200	150	0.98	50	5

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MBRB10100	D2-PAK	10	100	150	0.85	500	10
MBRB10150	D2-PAK	10	150	150	0.9	500	10
MBRB1020	D2-PAK	10	20	150	0.6	500	10
MBRB10200	D2-PAK	10	200	150	0.95	500	10
MBRB1030	D2-PAK	10	30	150	0.6	500	10
MBRB1035	D2-PAK	10	35	150	0.6	500	10
MBRB1040	D2-PAK	10	40	150	0.6	500	10
MBRB1050	D2-PAK	10	50	150	0.75	500	10
MBRB1060	D2-PAK	10	60	150	0.75	500	10
MBRB1080	D2-PAK	10	80	150	0.85	500	10
MBRB1030CT	D2-PAK	10	30	125	0.55	500	5
MBRB1035CT	D2-PAK	10	35	125	0.55	500	5
MBRB1040CT	D2-PAK	10	40	125	0.55	500	5
MBRB1045CT	D2-PAK	10	45	125	0.55	500	5
MBRB1050CT	D2-PAK	10	50	125	0.55	500	5
MBRB1060CT	D2-PAK	10	60	125	0.55	500	5
MBRB15100CT	D2-PAK	15	100	150	0.92	1000	15
MBRB1520CT	D2-PAK	15	20	150	0.84	100	15
MBRB1530CT	D2-PAK	15	30	150	0.84	100	15
MBRB1535CT	D2-PAK	15	35	150	0.84	100	15
MBRB1540CT	D2-PAK	15	40	150	0.84	100	15
MBRB1545CT	D2-PAK	15	45	150	0.84	100	15
MBRB1560CT	D2-PAK	15	60	150	0.75	1000	15
MBRB1580CT	D2-PAK	15	80	150	0.92	1000	15
MBRB1535	D2-PAK	15	35	250	0.52	150	15
MBRB1545	D2-PAK	15	45	250	0.52	150	15
MBRB1620CT	D2-PAK	16	20	150	0.7	100	8
MBRB1630CT	D2-PAK	16	30	150	0.7	100	8
MBRB1635CT	D2-PAK	16	35	150	0.7	100	8
MBRB1640CT	D2-PAK	16	40	150	0.7	100	8
MBRB1645CT	D2-PAK	16	45	150	0.7	100	8
MBRB1660CT	D2-PAK	16	60	150	0.8	100	8
MBRB20200CT	D2-PAK	20	200	150	0.95	50	10
MBRB20100CT	D2-PAK	20	100	150	0.95	100	20
MBRB2020CT	D2-PAK	20	20	150	0.84	100	20
MBRB2030CT	D2-PAK	20	30	150	0.84	100	20
MBRB2035CT	D2-PAK	20	35	150	0.84	100	20
MBRB2040CT	D2-PAK	20	40	150	0.84	100	20
MBRB2045CT	D2-PAK	20	45	150	0.84	100	20
MBRB2060CT	D2-PAK	20	60	150	0.95	100	20
MBRB2080CT	D2-PAK	20	80	150	0.95	100	20
MBRBL20200CT	D2-PAK	20	200	150	0.86	50	5
MBRBL2045C	D2-PAK	20	45	300	0.53	100	20
MBRB2520CT	D2-PAK	30	20	150	0.82	200	30

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MBRB2530CT	D2-PAK	30	30	150	0.82	200	30
MBRB2535CT	D2-PAK	30	35	150	0.82	200	30
MBRB2540CT	D2-PAK	30	40	150	0.82	200	30
MBRB2545CT	D2-PAK	30	45	150	0.75	200	15
MBRB2560CT	D2-PAK	30	60	150	0.75	200	15
MBRB3030CT	D2-PAK	30	30	250	0.55	1000	15
MBRB3040CT	D2-PAK	30	40	250	0.55	1000	15
MBRB3045CT	D2-PAK	30	45	250	0.55	1000	15
MBRB3060CT	D2-PAK	30	60	250	0.72	1000	15
MBRB30100CT	D2-PAK	30	100	250	0.85	500	15
MBRB30150CT	D2-PAK	30	150	200	0.9	20	15
MBRBL3045CT	D2-PAK	30	45	200	0.53	50	15
MBRBL3060CT	D2-PAK	30	60	240	0.63	200	15
MBRBL40120CT	D2-PAK	40	120	300	0.82	200	20
MBRB40200CT	D2-PAK	40	200	450	0.9	10	20
MBR1020CT	TO-220AB	10	20	125	0.7	100	5
MBR1030CT	TO-220AB	10	30	125	0.7	100	5
MBR1035CT	TO-220AB	10	35	125	0.7	100	5
MBR1040CT	TO-220AB	10	40	125	0.7	100	5
MBR1045CT	TO-220AB	10	45	125	0.7	100	5
MBR1050CT	TO-220AB	10	50	125	0.8	100	5
MBR1060CT	TO-220AB	10	60	125	0.8	100	5
MBR1080CT	TO-220AB	10	80	120	0.85	200	5
MBR10100CT	TO-220AB	10	100	120	0.85	200	5
MBR10150CT	TO-220AB	10	150	120	0.92	50	5
MBR10200CT	TO-220AB	10	200	150	0.95	100	10
MBRL1045CT	TO-220AB	10	45	120	0.52	200	5
MBRL1050CT	TO-220AB	10	50	120	0.52	200	5
MBRL10100CT	TO-220AB	10	100	120	0.72	100	5
MBRL10150CT	TO-220AB	10	150	120	0.85	100	5
MBR1520CT	TO-220AB	15	20	150	0.84	100	15
MBR1530CT	TO-220AB	15	30	150	0.84	100	15
MBR1535CT	TO-220AB	15	35	150	0.84	100	15
MBR1540CT	TO-220AB	15	40	150	0.84	100	15
MBR1545CT	TO-220AB	15	45	150	0.84	100	15
MBR1560CT	TO-220AB	15	60	150	0.9	1000	15
MBR1580CT	TO-220AB	15	80	150	0.95	1000	15
MBR15100CT	TO-220AB	15	100	150	0.95	1000	15
MBR1620CT	TO-220AB	16	20	125	0.7	100	8
MBR1630CT	TO-220AB	16	30	125	0.7	100	8
MBR1635CT	TO-220AB	16	35	125	0.7	100	8
MBR1640CT	TO-220AB	16	40	125	0.7	100	8
MBR1645CT	TO-220AB	16	45	125	0.7	100	8
MBR1660CT	TO-220AB	16	60	125	0.8	100	8

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MBR16100CT	TO-220AB	16	100	125	0.85	100	8
MBRL2045CT	TO-220AB	20	45	150	0.52	200	10
MBRL20U45CT	TO-220AB	20	45	280	0.45	180	10
MBRL20U60CT	TO-220AB	20	60	150	0.56	120	10
MBRL20100CT	TO-220AB	20	100	200	0.7	100	10
MBRL20150CT	TO-220AB	20	150	200	0.85	100	10
MBR2020CT	TO-220AB	20	20	150	0.84	100	20
MBR2030CT	TO-220AB	20	30	150	0.84	100	20
MBR2035CT	TO-220AB	20	35	150	0.84	100	20
MBR2040CT	TO-220AB	20	40	150	0.84	100	20
MBR2045CT	TO-220AB	20	45	150	0.84	100	20
MBR2060CT	TO-220AB	20	60	150	0.95	150	20
MBR2080CT	TO-220AB	20	80	150	0.95	150	20
MBR20100CT	TO-220AB	20	100	150	0.95	150	20
MBR20150CT	TO-220AB	20	150	150	0.92	25	10
MBR20200CT	TO-220AB	20	200	150	0.95	50	10
MBR2520CT	TO-220AB	25	20	150	0.82	200	25
MBR2530CT	TO-220AB	25	30	150	0.82	200	25
MBR2535CT	TO-220AB	25	35	150	0.82	200	25
MBR2540CT	TO-220AB	25	40	150	0.82	200	25
MBR2545CT	TO-220AB	25	45	150	0.75	1000	15
MBR2560CT	TO-220AB	25	60	150	0.75	1000	15
MBR3030CT	TO-220AB	30	30	200	0.84	200	30
MBR3035CT	TO-220AB	30	35	200	0.84	200	30
MBR3040CT	TO-220AB	30	40	200	0.84	200	30
MBR3045CT	TO-220AB	30	45	200	0.84	200	30
MBR3050CT	TO-220AB	30	50	200	0.95	200	30
MBR3060CT	TO-220AB	30	60	200	0.95	200	30
MBR30100CT	TO-220AB	30	100	250	0.85	500	15
MBR30150CT	TO-220AB	30	150	200	0.9	100	15
MBR30200CT	TO-220AB	30	200	200	0.95	100	15
ST30100C	TO-220AB	30	100	250	0.91	500	30
ST40100CT	TO-220AB	40	100	250	0.73	1000	20
ST40120CT	TO-220AB	40	120	250	0.85	200	20
STU40100CT	TO-220AB	40	100	300	0.71	200	20
MBR1020FCT	ITO-220AB	10	20	120	0.7	100	5
MBR1030FCT	ITO-220AB	10	30	120	0.7	100	5
MBR1040FCT	ITO-220AB	10	40	120	0.7	100	5
MBR1045FCT	ITO-220AB	10	45	120	0.7	100	5
MBR1050FCT	ITO-220AB	10	50	120	0.75	100	5
MBR1060FCT	ITO-220AB	10	60	120	0.75	100	5
MBR1080FCT	ITO-220AB	10	80	120	0.85	100	5
MBR10100FCT	ITO-220AB	10	100	120	0.85	100	5
MBR10150FCT	ITO-220AB	10	150	120	0.92	50	5

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MBR10200FCT	ITO-220AB	10	200	125	0.92	500	5
MBRL10100FCT	ITO-220AB	10	100	120	0.72	100	5
MBRL10150FCT	ITO-220AB	10	150	120	0.9	100	5
MBR1620FCT	ITO-220AB	16	20	150	0.55	500	8
MBR1630FCT	ITO-220AB	16	30	150	0.55	500	8
MBR1640FCT	ITO-220AB	16	40	150	0.55	500	8
MBR1650FCT	ITO-220AB	16	50	150	0.75	500	8
MBR1660FCT	ITO-220AB	16	60	150	0.75	500	8
MBR1680FCT	ITO-220AB	16	80	150	0.85	500	8
MBR16100FCT	ITO-220AB	16	100	150	0.85	500	8
MBRL2045FCT	ITO-220AB	20	45	150	0.52	200	10
MBRL20100FCT	ITO-220AB	20	100	200	0.72	100	10
MBRL20150FCT	ITO-220AB	20	150	200	0.9	100	10
MBR2020FCT	ITO-220AB	20	20	150	0.7	100	10
MBR2030FCT	ITO-220AB	20	30	150	0.7	100	10
MBR2035FCT	ITO-220AB	20	35	150	0.7	100	10
MBR2040FCT	ITO-220AB	20	40	150	0.7	100	10
MBR2045FCT	ITO-220AB	20	45	150	0.7	100	10
MBR2060FCT	ITO-220AB	20	60	150	0.8	50	10
MBR2080FCT	ITO-220AB	20	80	150	0.85	50	10
MBR20100FCT	ITO-220AB	20	100	150	0.85	50	10
MBR20150FCT	ITO-220AB	20	150	150	0.92	25	10
MBR20200FCT	ITO-220AB	20	200	150	0.95	50	10
MBR2535FCT	ITO-220AB	30	35	150	0.82	200	30
MBR2545FCT	ITO-220AB	30	45	150	0.82	200	30
MBR2550FCT	ITO-220AB	30	50	150	0.75	1000	15
MBR2560FCT	ITO-220AB	30	60	150	0.75	1000	15
MBR3020FCT	ITO-220AB	30	20	250	0.6	500	15
MBR3030FCT	ITO-220AB	30	30	250	0.6	500	15
MBR3040FCT	ITO-220AB	30	40	250	0.6	500	15
MBR3045FCT	ITO-220AB	30	45	250	0.6	500	15
MBR3060FCT	ITO-220AB	30	60	250	0.85	500	15
MBR3080FCT	ITO-220AB	30	80	250	0.85	500	15
MBR30100FCT	ITO-220AB	30	100	250	0.85	500	15
MBR30150FCT	ITO-220AB	30	150	260	0.9	5.0	15
MBR30200FCT	ITO-220AB	30	200	200	0.99	100	30
ST30120FC	ITO-220AB	30	120	300	0.95	200	30
MBR545	TO-220AC	5	45	150	0.6	100	5
MBR545F	ITO-220AC	5	45	80	0.55	1000	5
MBR720	TO-220AC	7.5	20	150	0.84	100	15
MBR730	TO-220AC	7.5	30	150	0.84	100	15
MBR735	TO-220AC	7.5	35	150	0.84	100	15
MBR740	TO-220AC	7.5	40	150	0.84	100	15
MBR745	TO-220AC	7.5	45	150	0.84	100	15

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MBR760	TO-220AC	7.5	60	150	0.75	500	7.5
MBR870	TO-220AC	8	70	125	0.85	150	8
MBR880	TO-220AC	8	80	125	0.85	150	8
MBR890	TO-220AC	8	90	125	0.85	150	8
MBR8100	TO-220AC	8	100	125	0.85	150	8
MBR1020	TO-220AC	10	20	150	0.65	100	10
MBR1030	TO-220AC	10	30	150	0.65	100	10
MBR1035	TO-220AC	10	35	150	0.65	100	10
MBR1040	TO-220AC	10	40	150	0.65	100	10
MBR1045	TO-220AC	10	45	150	0.65	100	10
MBR1060	TO-220AC	10	60	150	0.75	100	10
MBR1080	TO-220AC	10	80	150	0.84	100	10
MBR10100	TO-220AC	10	100	150	0.84	100	10
MBR10150	TO-220AC	10	150	150	0.9	500	10
MBR1520	TO-220AC	15	20	150	0.63	200	15
MBR1530	TO-220AC	15	30	150	0.63	200	15
MBR1535	TO-220AC	15	35	150	0.63	200	15
MBR1540	TO-220AC	15	40	150	0.63	200	15
MBR1545	TO-220AC	15	45	150	0.63	200	15
MBR1560	TO-220AC	15	60	150	0.75	200	15
MBR1580	TO-220AC	15	80	150	0.84	200	15
MBR15100	TO-220AC	15	100	150	0.84	200	15
MBRL1535	TO-220AC	15	35	250	0.52	150	15
MBRL1545	TO-220AC	15	45	250	0.52	150	15
MBR1620	TO-220AC	16	20	150	0.63	200	16
MBR1630	TO-220AC	16	30	150	0.63	200	16
MBR1635	TO-220AC	16	35	150	0.63	200	16
MBR1640	TO-220AC	16	40	150	0.63	200	16
MBR1645	TO-220AC	16	45	150	0.63	200	16
MBR1660	TO-220AC	16	60	150	0.75	1000	16
MBR1020F	ITO-220AC	10	20	150	0.55	500	10
MBR1030F	ITO-220AC	10	30	150	0.55	500	10
MBR1040F	ITO-220AC	10	40	150	0.55	500	10
MBR1050F	ITO-220AC	10	50	150	0.75	500	10
MBR1060F	ITO-220AC	10	60	150	0.75	500	10
MBR1080F	ITO-220AC	10	80	150	0.85	500	10
MBR1090F	ITO-220AC	10	90	150	0.85	500	10
MBR10100F	ITO-220AC	10	100	150	0.85	500	10
MBR1520F	ITO-220AC	15	20	150	0.63	100	15
MBR1530F	ITO-220AC	15	30	150	0.63	100	15
MBR1540F	ITO-220AC	15	40	150	0.63	100	15
MBR1545F	ITO-220AC	15	45	150	0.63	100	15
MBR1550F	ITO-220AC	15	50	150	0.75	100	15
MBR1560F	ITO-220AC	15	60	150	0.75	100	15

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MBR4045PT	TO-247	40	45	250	0.61	100	20
MBR4060PT	TO-247	40	60	400	0.72	200	20
MBR40100PT	TO-247	40	100	400	0.8	50	20
MBR40200PT	TO-247	40	200	250	0.91	50	20
MBR60150PT	TO-247	60	150	400	0.9	10	30
MBR60200PT	TO-247	60	200	450	0.9	20	30
MBRJL30100CT	TO-262	30	100	200	0.77	50	15
MBRJL30150CT	TO-262	30	150	200	0.9	10	15
MBRJL30100CTL	TO-262L	30	100	200	0.77	50	15
MBR10U45L	TO-277	10	45	275	0.47	500	10
MBR10U60	TO-277	10	60	275	0.5	500	10
MBR12U100L	TO-277	12	100	180	0.6	500	12
MBR15U45	TO-277	15	45	275	0.47	500	15
MBR15U60	TO-277	15	60	300	0.5	500	15
MBR15U100	TO-277	15	100	275	0.85	100	15
MBR3100LPS	TO-277B	3	100	90	0.57	100	3
MBR510LPS	TO-277B	5	100	200	0.72	100	5
MBR860ULPS	TO-277B	8	60	275	0.43	600	8
MBR1045LPS	TO-277B	10	45	275	0.47	500	10
MBR1045ULPS	TO-277B	10	45	275	0.47	250	10
MBR10100ULPS	TO-277B	10	100	200	0.7	500	10
MBR10150ULPS	TO-277B	10	150	180	0.84	20	10
MBR10200UPS	TO-277B	10	200	180	0.88	100	10
MBR12100LPS	TO-277B	12	100	250	0.8	250	12
MBR12120LPS	TO-277B	12	120	200	0.8	70	12
MBR12150LPS	TO-277B	12	150	200	0.82	30	12
MBR1550LPS	TO-277B	15	50	260	0.55	500	15
MBR1550ULPS	TO-277B	15	50	320	0.47	300	15
MBR15100ULPS	TO-277B	15	100	280	0.68	90	15
MBR20100ULPS	TO-277B	20	100	300	0.66	80	20
SB220L	DO-15	2	20	35	0.45	200	2
SB230L	DO-15	2	30	35	0.45	200	2
SB240L	DO-15	2	40	35	0.45	200	2
SB250L	DO-15	2	50	35	0.48	200	2
SB260L	DO-15	2	60	35	0.48	200	2
SB280L	DO-15	2	80	35	0.7	200	2
SB2010L	DO-15	2	100	35	0.7	200	2
SB220	DO-15	2	20	50	0.5	500	2
SB230	DO-15	2	30	50	0.5	500	2
SB240	DO-15	2	40	50	0.5	500	2
SB245	DO-15	2	45	50	0.5	500	2
SB250	DO-15	2	50	50	0.7	500	2
SB260	DO-15	2	60	50	0.7	500	2
SB280	DO-15	2	80	50	0.85	500	2

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SB2010	DO-15	2	100	50	0.85	500	2
SB2150	DO-15	2	150	50	0.95	500	2
SB2200	DO-15	2	200	50	0.9	200	2
1N5820	DO-201AD	3	20	80	0.475	500	3
1N5821	DO-201AD	3	30	80	0.5	500	3
1N5822	DO-201AD	3	40	80	0.525	500	3
SR302	DO-201AD	3	20	80	0.5	500	3
SR303	DO-201AD	3	30	80	0.5	500	3
SR304	DO-201AD	3	40	80	0.5	500	3
SR345	DO-201AD	3	45	80	0.5	500	3
SR3010	DO-201AD	3	100	80	0.85	1000	3
SR305	DO-201AD	3	50	80	0.72	1000	3
SR306	DO-201AD	3	60	80	0.72	1000	3
SR308	DO-201AD	3	80	80	0.85	1000	3
SR3150	DO-201AD	3	150	80	0.92	500	3
SR3200	DO-201AD	3	200	80	0.9	200	3
SD820	DO-201AD	8	20	175	0.62	500	8
SD830	DO-201AD	8	30	175	0.62	500	8
SD840	DO-201AD	8	40	175	0.62	500	8
SD850	DO-201AD	8	50	175	0.62	500	8
SD860	DO-201AD	8	60	175	0.62	500	8
SD880	DO-201AD	8	80	175	0.85	500	8
SD8100	DO-201AD	8	100	175	0.85	500	8
SR502	DO-201AD	5	20	150	0.55	1000	5
SR503	DO-201AD	5	30	150	0.55	1000	5
SR504	DO-201AD	5	40	150	0.55	1000	5
SR505	DO-201AD	5	50	150	0.7	1000	5
SR506	DO-201AD	5	60	150	0.7	1000	5
SR506L	DO-201AD	5	60	120	0.49	200	5
SR508	DO-201AD	5	80	150	0.85	1000	5
SR5010H	DO-201AD	5	100	150	0.8	20	5
SR5010	DO-201AD	5	100	150	0.85	1000	5
SR5150	DO-201AD	5	150	150	0.92	2000	5
SR5200	DO-201AD	5	200	150	0.95	500	5
SR802	DO-201AD	8	20	150	0.65	500	8
SR803	DO-201AD	8	30	150	0.65	500	8
SR804	DO-201AD	8	40	150	0.65	500	8
SR8045	DO-201AD	8	45	150	0.65	500	8
SR805	DO-201AD	8	50	150	0.7	500	8
SR806	DO-201AD	8	60	150	0.7	500	8
SR808	DO-201AD	8	80	150	0.85	500	8
SR810	DO-201AD	8	100	150	0.85	500	8
SB1220	DO-201AD	12	20	250	0.55	500	12
SB1230	DO-201AD	12	30	250	0.55	500	12

Diodes

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SB1240	DO-201AD	12	40	250	0.55	500	12
SB1245	DO-201AD	12	45	180	0.48	100	12
SB1250	DO-201AD	12	50	250	0.7	500	12
SB1260	DO-201AD	12	60	250	0.7	500	12
SB1280	DO-201AD	12	80	250	0.85	500	12
SB12100	DO-201AD	12	100	250	0.85	500	12
SS12FL	DO-221AC	1	20	30	0.5	500	1
SS13FL	DO-221AC	1	30	30	0.5	500	1
SS14FL	DO-221AC	1	40	30	0.5	500	1
SS15FL	DO-221AC	1	50	30	0.7	500	1
SS16FL	DO-221AC	1	60	30	0.7	500	1
SS18FL	DO-221AC	1	80	30	0.85	500	1
SS110FL	DO-221AC	1	100	30	0.85	500	1
SL24FL	DO-221AC	2	40	50	0.47	500	2
SL26FL	DO-221AC	2	60	50	0.53	100	2
SL210FL	DO-221AC	2	100	50	0.72	100	2
SS220FL	DO-221AC	2	200	45	0.9	2.0	2
SK32AFL	DO-221AC	3	20	80	0.5	500	3
SK33AFL	DO-221AC	3	30	80	0.5	500	3
SL34AFL	DO-221AC	3	40	60	0.45	500	3
SK34AFL	DO-221AC	3	40	80	0.5	500	3
SK345AFL	DO-221AC	3	45	80	0.5	500	3
SK35AFL	DO-221AC	3	50	80	0.75	500	3
SL36AFL	DO-221AC	3	60	60	0.5	500	3
SK36AFL	DO-221AC	3	60	80	0.75	500	3
SK38AFL	DO-221AC	3	80	80	0.85	500	3
SL310AFL	DO-221AC	3	100	60	0.6	500	3
SK310AFL	DO-221AC	3	100	80	0.85	500	3
SK52AFL	DO-221AC	5	20	100	0.55	500	5
SK53AFL	DO-221AC	5	30	100	0.55	500	5
SK54AFL	DO-221AC	5	40	100	0.55	500	5
SL54AFL	DO-221AC	5	40	100	0.45	500	5
SK55AFL	DO-221AC	5	50	100	0.7	500	5
SK56AFL	DO-221AC	5	60	100	0.7	500	5
SL56AFL	DO-221AC	5	60	100	0.5	500	5
SK58AFL	DO-221AC	5	80	100	0.85	500	5
SK510AFL	DO-221AC	5	100	100	0.85	200	5
SL510AFL	DO-221AC	5	100	100	0.7	500	5
SK5150AFL	DO-221AC	5	150	100	0.87	200	5
SK5200AFL	DO-221AC	5	200	100	0.9	200	5
1N5817	DO-41	1	20	25	0.45	1000	1
1N5818	DO-41	1	30	25	0.55	1000	1
1N5819	DO-41	1	40	25	0.6	1000	1
SR102	DO-41	1	20	25	0.45	1000	1

Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
SR103	DO-41	1	30	25	0.55	1000	1
SR104	DO-41	1	40	25	0.6	1000	1
SR105	DO-41	1	50	30	0.7	500	1
SR106	DO-41	1	60	30	0.7	500	1
SR108	DO-41	1	80	30	0.85	500	1
SR1010	DO-41	1	100	30	0.85	500	1
SR1150	DO-41	1	150	40	0.87	10	1
SR1200	DO-41	1	200	30	0.9	200	1
SR202	DO-41	2	20	50	0.55	1000	2
SR203	DO-41	2	30	50	0.55	1000	2
SR204	DO-41	2	40	50	0.55	1000	2
SR206	DO-41	2	60	50	0.7	1000	2
SR208	DO-41	2	80	50	0.85	1000	2
SR2010	DO-41	2	100	50	0.85	1000	2
SR2150	DO-41	2	150	50	0.95	500	2
SR1045	R-6	10	45	275	0.55	500	10
SB1520	R-6	15	20	300	0.6	500	15
SB1530	R-6	15	30	300	0.6	500	15
SB1540	R-6	15	40	300	0.6	500	15
SB1550	R-6	15	50	300	0.72	500	15
SB1560	R-6	15	60	300	0.72	500	15
SB1580	R-6	15	80	300	0.85	500	15
SB15100	R-6	15	100	300	0.85	500	15

Switching Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Power Dissipation	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Internal Diagram
		$I_{F(AV)}$ (A)	V_{RWM} (V)	P_D(mW)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	
BAS116L2	DFN1006-2C	0.215	85	300	4	1.25	0.005	0.15	75	3	Fig.7
1N4148WL2	DFN1006-2L	0.15	100	100	4	1	5	0.05	75	0.004	Fig.7
1N4148WLP	SOD-882	0.15	80	100	2	1.2	0.1	0.1	80	0.004	Fig.7
1SS400G	SOD-723	0.1	90	100	0.225	1.2	0.1	0.1	80	0.004	Fig.7
1SS388	SOD-523	0.1	45	150	1	0.36	5	0.01	10		Fig.7
1N4448X	SOD-523	0.25	75	150	4	1	2.5	0.1	75	0.004	Fig.7
BAS16X	SOD-523	0.2	75	150	0.5	1	1	0.05	75	0.006	Fig.7
BAS716	SOD-523	0.2	75	225	1	1	0.005	0.01	75	3	Fig.7
1SS387	SOD-523	0.1	85	150	1	0.62	0.1	0.001	30	0.004	Fig.7
1SS400	SOD-523	0.1	90	150	0.225	1.2	0.1	0.1	80	0.004	Fig.7
1N4148X	SOD-523	0.15	100	200	2	1.25	1	0.15	75	0.004	Fig.7
BAS516	SOD-523	0.25	100	-	0.5	0.715	0.03	0.001	25	0.004	Fig.7
BAS21X	SOD-523	0.2	250	150	2.5	1.25	0.1	0.2	200	0.05	Fig.7
BAV3004X	SOD-523	0.225	300	150	4	1.25	0.1	0.2	240	0.05	Fig.7
1SS404	SOD-323	0.3	25	200	0.7	0.16	50	0.001	20		Fig.7
1SS357	SOD-323	0.1	45	200	1	0.36	5	0.01	45		Fig.7
1N4448WX	SOD-323	0.25	75	200	4	1	2.5	0.1	75	0.004	Fig.7
BAS16WX	SOD-323	0.2	75	350	1	1.25	1	0.15	75	0.006	Fig.7
1SS355	SOD-323	0.15	90	-	0.5	1.2	0.1	0.1	80	0.004	Fig.7
1N4148WX	SOD-323	0.15	100	200	2	1	1	0.05	75	0.004	Fig.7
BAS16WXH	SOD-323	0.2	100	350	1	1.25	1	0.15	100	0.006	Fig.7
BAS316	SOD-323	0.25	100	400	4	0.715	1	0.001	75	0.004	Fig.7
MMDL914	SOD-323	0.2	100	200	0.5	1	0.025	0.01	20	0.004	Fig.7
1N4148WXL	SOD-323FL	0.15	100	200	4	1	5	0.05	75	0.004	Fig.7
BAV19WS	SOD-323	0.2	120	250	2.5	1.25	0.1	0.2	100	0.05	Fig.7
BAV316	SOD-323	0.215	130	250	2	1.1	0.005	0.15	75	3	Fig.7
BAV20WS	SOD-323	0.2	200	250	2.5	1.25	0.1	0.2	150	0.05	Fig.7
BAS21WS	SOD-323	0.2	250	200	0.625	1.25	0.1	0.2	200	0.05	Fig.7
BAV21WS	SOD-323	0.2	250	250	2.5	1.25	0.1	0.2	200	0.05	Fig.7
BAS16W	SOD-123	0.1	75	350	1	1.25	1	0.15	75	0.006	Fig.7
MMSD914	SOD-123	0.2	75	400	2	1	5	0.01	75	0.004	Fig.7
1N4148W	SOD-123	0.15	100	400	1	0.715	50	0.001	75	0.004	Fig.7
1N4448W	SOD-123	0.25	100	500	2	1	0.025	0.1	75	0.004	Fig.7
1N4148WL	SOD-123FL	0.15	100	400	2	1	1	0.01	75	0.004	Fig.7
BAV19W	SOD-123	0.25	120	410	1	1	0.1	0.1	100	0.05	Fig.7
BAV116W	SOD-123	0.5	130	350	1	1.25	0.005	0.15	75	3	Fig.7
BAV20W	SOD-123	0.25	200	410	1	1	0.1	0.1	150	0.05	Fig.7
BAV21W	SOD-123	0.25	250	410	1	1	0.1	0.1	200	0.05	Fig.7
BAV3004W	SOD-123	0.225	300	400	4	0.93	0.1	0.1	240	0.05	Fig.7
BAV70M	SOT-723	0.2	75	150	2	1.25	2.5	0.15	75	0.004	Fig.5
BAS28	SOT-143	0.215	85	250	4	1	1	0.05	75	0.004	Fig.18
DAN222	SOT-523	0.1	80	-	0.3	1.2	0.1	0.001	10	0.004	Fig.5
DAP222	SOT-523	0.1	80	-	0.3	1.2	0.1	0.001	10	0.004	Fig.4
BAS16T	SOT-523	0.075	85	150	4	1	2	0.05	75	0.004	Fig.1

Switching Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Power Dissipation	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Internal Diagram
		$I_{F(AV)}$ (A)	V_{RWM} (V)	P_D(mW)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	
BAV70T	SOT-523	0.075	85	150	4	1	2	0.05	75	0.004	Fig.5
BAV99T	SOT-523	0.075	85	150	4	1	2	0.05	75	0.004	Fig.6
BAW56T	SOT-523	0.075	85	150	4	1	2	0.05	75	0.004	Fig.4
MMBD4448HT	SOT-523	0.25	100	150	2	0.72	0.025	0.005	20	0.004	Fig.1
MMBD4448HTA	SOT-523	0.25	100	150	2	0.72	0.025	0.005	20	0.004	Fig.4
MMBD4448HTC	SOT-523	0.25	100	150	2	0.72	0.025	0.005	20	0.004	Fig.5
MMBD4448HTS	SOT-523	0.25	100	150	2	0.72	0.025	0.005	20	0.004	Fig.6
BAS21T	SOT-523	0.2	250	150	2.5	1	0.1	0.1	250	0.05	Fig.1
BAS16V	SOT-563	0.2	75	150	-	1	1	0.05	75	0.004	Fig.8
MMBD4448V	SOT-563	0.25	80	150	4	1	0.1	0.1	70	0.004	Fig.8
DA227	SOT-353	0.3	80	200	2	1.2	0.1	0.1	70	0.004	Fig.17
BAS16TW	SOT-363	0.15	75	200	-	1	1	0.05	75	0.004	Fig.9
MMBD4148TW	SOT-363	0.15	75	200	-	1	1	0.05	75	0.004	Fig.9
BAV70DW	SOT-363	0.3	75	200	2	1	2.5	0.05	75	0.004	Fig.10
BAV756DW	SOT-363	0.15	75	200	2	1.25	2.5	0.15	75	0.004	Fig.14
BAV99BRW	SOT-363	0.15	75	200	1	0.855	2.5	0.01	75	0.004	Fig.13
BAV99DW	SOT-363	0.15	75	200	2	0.855	2.5	0.01	75	0.004	Fig.12
BAW56DW	SOT-363	0.15	75	200	2	1	2.5	0.05	75	0.004	Fig.11
MMBD4448DW	SOT-363	0.25	75	200	4	1	2.5	0.05	75	0.004	Fig.8
MMBD4448HADW	SOT-363	0.25	80	200	4	1	0.1	0.05	70	0.004	Fig.11
MMBD4448HAQW	SOT-363	0.25	80	200	4	1	0.1	0.05	70	0.004	Fig.15
MMBD4448HCDW	SOT-363	0.25	80	200	4	1	0.1	0.05	70	0.004	Fig.10
MMBD4448HCQW	SOT-363	0.25	80	200	4	1	0.1	0.05	70	0.004	Fig.16
MMBD4448HSDW	SOT-363	0.25	80	200	4	1	0.1	0.05	70	0.004	Fig.12
MMBD4448HTW	SOT-363	0.25	80	200	4	1	0.1	0.05	70	0.004	Fig.9
BAV199DW	SOT-363	0.16	85	200	-	1	0.005	0.01	75	3	Fig.12
DA204U	SOT-323	0.1	20	200	-	1	0.1	0.01	15	-	Fig.6
BAS16WT	SOT-323	0.15	75	200	2	1	1	0.05	75	0.004	Fig.1
MMBD4148WT	SOT-323	0.15	75	200	2	1	1	0.05	75	0.004	Fig.1
BAV70WT	SOT-323	0.15	75	200	2	1	2.5	0.05	75	0.004	Fig.5
BAV99WT	SOT-323	0.15	75	200	2	1	2.5	0.05	75	0.004	Fig.6
BAW56WT	SOT-323	0.15	75	200	2	1	2.5	0.05	75	0.004	Fig.4
DAN202U	SOT-323	0.1	80	200	0.3	1.2	0.1	0.1	70	0.004	Fig.5
DAN217U	SOT-323	0.3	80	200	1	1.2	0.2	0.1	70	-	Fig.6
DAP202U	SOT-323	0.1	80	200	0.3	1.2	0.1	0.1	70	0.004	Fig.4
BAV199WT	SOT-323	0.16	85	200	4	1	0.005	0.01	75	3	Fig.6
BAS19WT	SOT-323	0.2	100	200	-	1	0.1	0.1	100	0.05	Fig.1
MMBD4448WT	SOT-323	0.25	100	200	2	0.72	0.025	0.005	20	0.004	Fig.1
BAS20WT	SOT-323	0.2	150	200	-	1	0.1	0.1	150	0.05	Fig.1
BAS21WT	SOT-323	0.2	200	200	-	1	0.1	0.1	200	0.05	Fig.1
MMBD2004SWT	SOT-323	0.225	300	250	1	1	0.1	0.1	240	0.05	Fig.6
CMPSH-3	SOT-23	0.1	30	350	-	1	0.5	0.1	25	0.004	Fig.1
CMPSH-3A	SOT-23	0.1	30	350	-	1	0.5	0.1	25	0.004	Fig.4
CMPSH-3C	SOT-23	0.1	30	350	-	1	0.5	0.1	25	0.004	Fig.5

Switching Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Power Dissipation	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Internal Diagram
		$I_{F(AV)}$ (A)	V_{RWM} (V)	P_D(mW)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (µs)	
CMPSH-3S	SOT-23	0.1	30	350	-	1	0.5	0.1	25	0.004	Fig.6
BAV74	SOT-23	0.2	50	225	-	1	0.1	0.1	50	0.004	Fig.5
BAL99	SOT-23	0.1	70	350	-	0.715	2.5	0.001	70	0.006	Fig.3
BAV199	SOT-23	0.215	70	-	-	1.25	0.005	0.15	75	3	Fig.6
BAS116	SOT-23	0.2	75	225	-	1	0.005	0.01	75	3	Fig.1
BAV70	SOT-23	0.15	75	350	1	0.855	2.5	0.01	75	0.004	Fig.5
BAV99	SOT-23	0.215	75	350	1	0.855	2.5	0.01	75	0.004	Fig.6
BAW156	SOT-23	0.16	75	250	-	0.9	0.005	0.001	75	3	Fig.4
BAW56	SOT-23	0.25	75	350	1	0.855	2.5	0.01	75	0.004	Fig.4
MMBD4148CA	SOT-23	0.2	75	350	1	1	0.025	0.01	20	0.004	Fig.4
MMBD4148CC	SOT-23	0.2	75	350	1	1	0.025	0.01	20	0.004	Fig.5
MMBD4148SE	SOT-23	0.2	75	350	1	1	0.025	0.01	20	0.004	Fig.6
1SS181	SOT-23	0.1	80	150	2	1.2	0.5	0.1	80	0.004	Fig.4
1SS184	SOT-23	0.1	80	150	0.3	1.2	0.5	0.1	80	0.004	Fig.5
1SS187	SOT-23	0.1	80	150	2	0.92	0.5	0.1	80	0.004	Fig.2
1SS193	SOT-23	0.1	80	150	-	1.2	0.5	0.1	80	0.004	Fig.1
1SS196	SOT-23	0.1	80	150	-	1.2	0.5	0.1	80	0.004	Fig.1
1SS226	SOT-23	0.1	80	150	0.3	0.715	0.5	0.001	80	0.004	Fig.6
DAN202	SOT-23	0.1	80	200	0.3	1.2	0.1	0.1	70	0.004	Fig.5
DAN217	SOT-23	0.3	80	200	1	1.2	0.1	0.1	70	0.004	Fig.6
DAP202	SOT-23	0.1	80	200	4	1.2	0.1	0.1	70	0.004	Fig.4
BAV170	SOT-23	0.215	85	250	4	0.9	0.005	0.001	75	3	Fig.5
BAS16	SOT-23	0.3	100	350	1	1.25	1	0.15	75	0.004	Fig.1
MMBD4148	SOT-23	0.15	100	350	1	0.855	0.025	0.01	20	0.004	Fig.1
MMBD4448	SOT-23	0.25	100	350	2	0.72	0.025	0.005	20	0.004	Fig.1
MMBD7000	SOT-23	0.2	100	225	0.5	0.82	1	0.01	50	0.004	Fig.6
MMBD914	SOT-23	0.15	100	350	1	0.855	0.025	0.01	20	0.004	Fig.1
BAS19	SOT-23	0.2	120	250	0.5	1.25	0.1	0.2	120	0.05	Fig.1
MMBD1501	SOT-23	0.6	180	350	1	1.5	5	0.3	180	-	Fig.1
MMBD1503	SOT-23	0.6	180	350	1	1.5	5	0.3	180	-	Fig.6
MMBD1504	SOT-23	0.6	180	350	1	1.5	5	0.3	180	-	Fig.5
MMBD1505	SOT-23	0.6	180	350	1	1.5	5	0.3	180	-	Fig.4
BAS20	SOT-23	0.2	200	250	0.5	1.25	0.1	0.2	200	0.05	Fig.1
BAV23A	SOT-23	0.225	200	350	9	1.25	0.1	0.2	250	0.05	Fig.4
BAV23C	SOT-23	0.225	200	350	9	1.25	0.1	0.2	250	0.05	Fig.5
BAV23S	SOT-23	0.225	200	350	9	1.25	0.1	0.2	250	0.05	Fig.6
MMBD3004S	SOT-23	0.225	240	410	4	1	0.1	0.1	240	0.05	Fig.6
BAS21	SOT-23	0.2	250	250	0.5	1.25	0.1	0.2	250	0.05	Fig.1
BAS21A	SOT-23	0.2	250	225	2.5	1.1	1	0.1	200	0.05	Fig.4
BAS21C	SOT-23	0.2	250	225	2.5	1.1	1	0.1	200	0.05	Fig.5
BAS21S	SOT-23	0.2	250	225	2.5	1.1	1	0.1	200	0.05	Fig.6
MMBD2004S	SOT-23	0.225	300	250	1	1	0.1	0.1	240	0.05	Fig.6

Switching Diodes

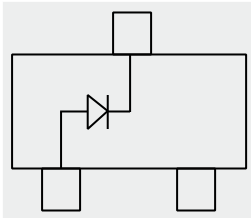


Fig.1

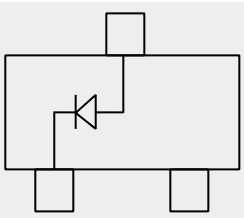


Fig.2

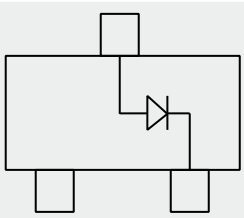


Fig.3

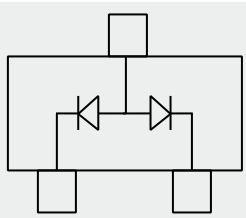


Fig.4

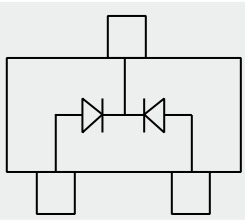


Fig.5

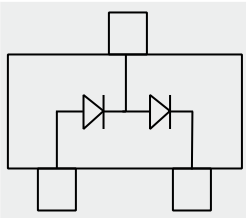


Fig.6

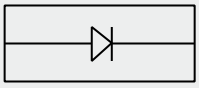


Fig.7

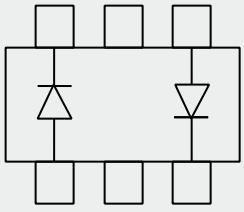


Fig.8

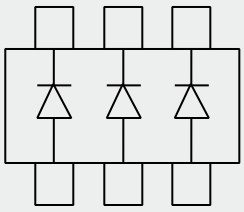


Fig.9

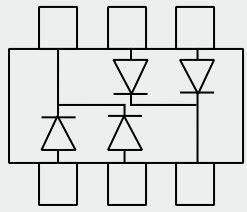


Fig.10

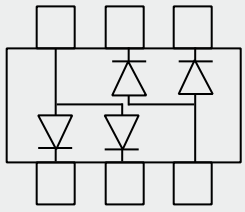


Fig.11

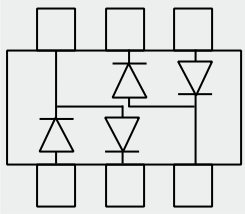


Fig.12

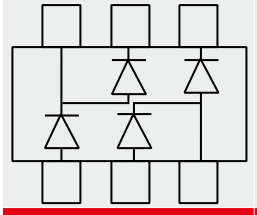


Fig.13

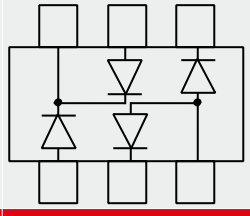


Fig.14

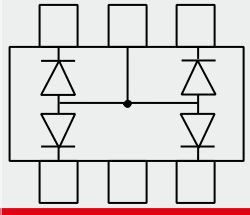


Fig.15

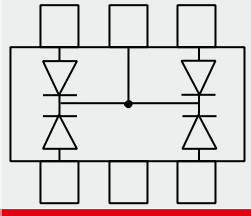


Fig.16

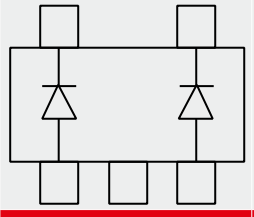


Fig.17

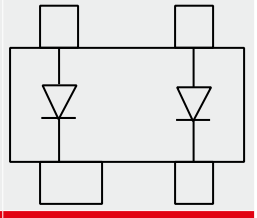
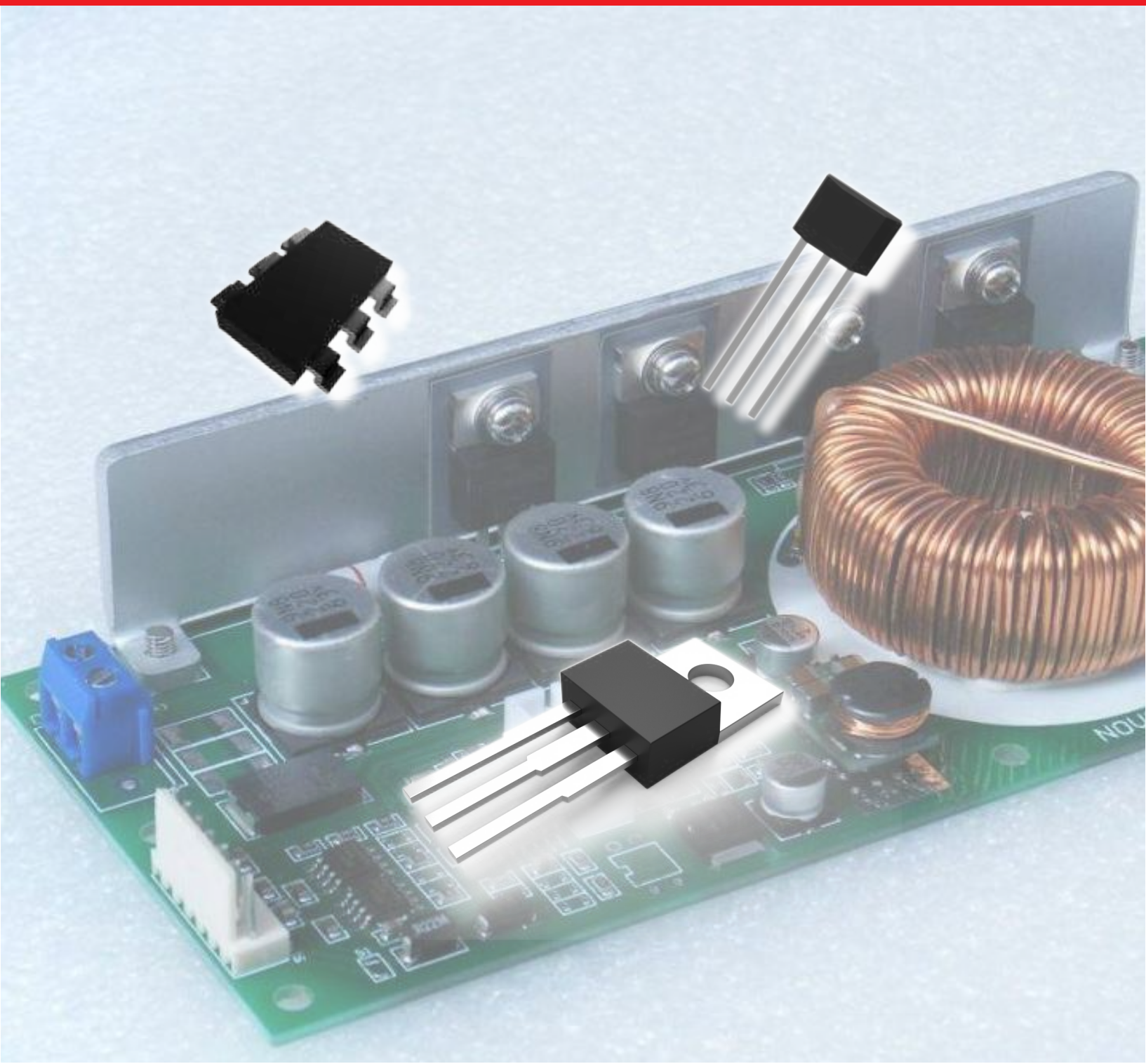


Fig.18

Transistors

* Small signal transistor SMD version
* Power transistor
* Prebiased 100mA/500mA transistor



Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
BC847BM	SOT-883	NPN	0.1	45	0.1	220-475	5	2	0.2	10	0.5	100	Fig.1
MMBT3904M	SOT-883	NPN	0.1	40	0.2	100-300	1	10	0.3	50	5	300	Fig.1
2SC5658-Q	SOT-723	NPN	0.1	50	0.15	120-270	6	1	0.4	50	5	180	Fig.1
2SC5658-R	SOT-723	NPN	0.1	50	0.15	180-390	6	1	0.4	50	5	180	Fig.1
2SC5658-S	SOT-723	NPN	0.1	50	0.15	270-560	6	1	0.4	50	5	180	Fig.1
MMBT2222AT	SOT-523	NPN	0.15	40	0.6	75-300	10	10	1	500	50	300	Fig.1
MMBT3904T	SOT-523	NPN	0.15	40	0.2	100-300	1	10	0.3	50	5	300	Fig.1
BC847AT	SOT-523	NPN	0.15	45	0.1	110-220	5	2	0.6	100	5	100	Fig.1
BC847BT	SOT-523	NPN	0.15	45	0.1	200-450	5	2	0.6	100	5	100	Fig.1
BC847CT	SOT-523	NPN	0.15	45	0.1	420-800	5	2	0.6	100	5	100	Fig.1
2SC4617-Q	SOT-523	NPN	0.15	50	0.15	120-270	6	1	0.4	50	5	180	Fig.1
2SC4617-R	SOT-523	NPN	0.15	50	0.15	180-390	6	1	0.4	50	5	180	Fig.1
2SC4617-S	SOT-523	NPN	0.15	50	0.15	270-560	6	1	0.4	50	5	180	Fig.1
MMSS8050W-H	SOT-323	NPN	0.2	25	1.5	200-350	1	100	0.5	800	80	100	Fig.1
MMSS8050W-J	SOT-323	NPN	0.2	25	1.5	300-400	1	100	0.5	800	80	100	Fig.1
MMSS8050W-L	SOT-323	NPN	0.2	25	1.5	120-200	1	100	0.5	800	80	100	Fig.1
2SC4215-O	SOT-323	NPN	0.1	30	0.02	70-140	6	1	-	-	-	260	Fig.1
2SC4215-R	SOT-323	NPN	0.1	30	0.02	40-80	6	1	-	-	-	260	Fig.1
2SC4215-Y	SOT-323	NPN	0.1	30	0.02	100-200	6	1	-	-	-	260	Fig.1
BC848AW	SOT-323	NPN	0.2	30	0.1	110-220	5	2	0.25	10	0.5	100	Fig.1
BC848BW	SOT-323	NPN	0.2	30	0.1	200-450	5	2	0.25	10	0.5	100	Fig.1
BC848CW	SOT-323	NPN	0.2	30	0.1	420-800	5	2	0.25	10	0.5	100	Fig.1
2SC4097-P	SOT-323	NPN	0.2	32	0.5	82-180	3	10	0.4	100	10	250	Fig.1
2SC4097-Q	SOT-323	NPN	0.2	32	0.5	120-270	3	10	0.4	100	10	250	Fig.1
2SC4097-R	SOT-323	NPN	0.2	32	0.5	180-390	3	10	0.4	100	10	250	Fig.1
MMST2222A	SOT-323	NPN	0.2	40	0.6	100-300	10	150	0.6	500	50	300	Fig.1
MMST3904	SOT-323	NPN	0.2	40	0.2	100-300	1	10	0.3	50	5	300	Fig.1
MMST4401	SOT-323	NPN	0.2	40	0.6	40	2	500	0.4	150	15	250	Fig.1
BC817-16W	SOT-323	NPN	0.2	45	0.5	100-250	1	100	0.7	500	50	100	Fig.1
BC817-25W	SOT-323	NPN	0.2	45	0.5	160-400	1	100	0.7	500	50	100	Fig.1
BC817-40W	SOT-323	NPN	0.2	45	0.5	250-600	1	100	0.7	500	50	100	Fig.1
BC847AW	SOT-323	NPN	0.2	45	0.1	110-220	5	2	0.25	10	0.5	100	Fig.1
BC847BW	SOT-323	NPN	0.2	45	0.1	200-450	5	2	0.25	10	0.5	100	Fig.1
BC847CW	SOT-323	NPN	0.2	45	0.1	420-800	5	2	0.25	10	0.5	100	Fig.1
2SC4081-A	SOT-323	NPN	0.2	50	0.15	120-270	6	1	0.4	50	5	180	Fig.1
2SC4081-B	SOT-323	NPN	0.2	50	0.15	180-390	6	1	0.4	50	5	180	Fig.1
2SC4081-C	SOT-323	NPN	0.2	50	0.15	270-560	6	1	0.4	50	5	180	Fig.1
2SC4116-BL	SOT-323	NPN	0.1	50	0.15	350-700	-6	-1	0.25	-50	-5	80	Fig.1
2SC4116-GR	SOT-323	NPN	0.1	50	0.15	200-400	-6	-1	0.25	-50	-5	80	Fig.1
2SC4116-O	SOT-323	NPN	0.1	50	0.15	70-140	-6	-1	0.25	-50	-5	80	Fig.1
2SC4116-Y	SOT-323	NPN	0.1	50	0.15	120-240	-6	-1	0.25	-50	-5	80	Fig.1
KTC4075-BL	SOT-323	NPN	0.1	50	0.15	350-700	6	2	0.25	100	10	80	Fig.1
KTC4075-GR	SOT-323	NPN	0.1	50	0.15	200-400	6	2	0.25	100	10	80	Fig.1
KTC4075-O	SOT-323	NPN	0.1	50	0.15	70-140	6	2	0.25	100	10	80	Fig.1

Transistors

Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
KTC4075-Y	SOT-323	NPN	0.1	50	0.15	120-240	6	2	0.25	100	10	80	Fig.1
BC846AW	SOT-323	NPN	0.2	80	0.1	110-220	5	2	0.25	10	0.5	100	Fig.1
BC846BW	SOT-323	NPN	0.2	80	0.1	200-450	5	2	0.25	10	0.5	100	Fig.1
MMST5551	SOT-323	NPN	0.2	160	0.2	30	5	50	0.2	50	5	300	Fig.1
MMSTA42	SOT-323	NPN	0.2	300	0.2	40	10	10	0.5	20	2	50	Fig.1
PZT2222A	SOT-223	NPN	1	40	0.6	100-300	10	150	0.3	150	15	300	Fig.1
PZT3904	SOT-223	NPN	1	40	0.2	100-300	1	10	0.2	10	1	300	Fig.1
PZT4401	SOT-223	NPN	1	40	0.6	80	1	10	0.75	500	50	250	Fig.1
BCP54-10	SOT-223	NPN	1.5	45	1	63-160	2	150	0.5	500	50	100	Fig.1
BCP54-16	SOT-223	NPN	1.5	45	1	100-250	2	150	0.5	500	50	100	Fig.1
BCP55-10	SOT-223	NPN	1.5	60	1	63-160	2	150	0.5	500	50	100	Fig.1
BCP55-16	SOT-223	NPN	1.5	60	1	100-250	2	150	0.5	500	50	100	Fig.1
FZT692B	SOT-223	NPN	0.8	70	2.5	500	2	100	0.15	100	0.5	10	Fig.1
BCP56-10	SOT-223	NPN	1.5	80	1	63-160	2	150	0.5	500	50	100	Fig.1
BCP56-16	SOT-223	NPN	1.5	80	1	100-250	2	150	0.5	500	50	100	Fig.1
PZT5551	SOT-223	NPN	1	160	0.6	80	5	1	0.15	10	1	300	Fig.1
PZTA42	SOT-223	NPN	1	300	0.2	25	10	1	0.5	20	2	50	Fig.1
PZTA44	SOT-223	NPN	1	400	0.2	50-200	10	10	0.5	10	1	20	Fig.1
MMS9018-H	SOT-23	NPN	0.31	18	0.05	105-190	5	1	0.5	10	1	600	Fig.1
MMS9018-L	SOT-23	NPN	0.31	18	0.05	70-105	5	1	0.5	10	1	600	Fig.1
FMMT618	SOT-23	NPN	0.35	20	2.5	200	2	10	0.15	1000	10	100	Fig.1
BC818-16	SOT-23	NPN	0.3	25	0.5	100-250	1	100	0.7	500	50	170	Fig.1
BC818-25	SOT-23	NPN	0.3	25	0.5	160-400	1	100	0.7	500	50	170	Fig.1
BC818-40	SOT-23	NPN	0.3	25	0.5	250-630	1	100	0.7	500	50	170	Fig.1
MMBTH10	SOT-23	NPN	0.225	25	0.05	60	10	4	0.5	4	0.4	650	Fig.1
MMS8050-H	SOT-23	NPN	0.3	25	0.5	200-350	1	50	0.6	500	50	150	Fig.1
MMS8050-L	SOT-23	NPN	0.3	25	0.5	120-200	1	50	0.6	500	50	150	Fig.1
MMS9013-H	SOT-23	NPN	0.3	25	0.5	200-350	1	50	0.6	500	50	150	Fig.1
MMS9013-L	SOT-23	NPN	0.3	25	0.5	120-200	1	50	0.6	500	50	150	Fig.1
MMSS8050-H	SOT-23	NPN	0.3	25	1.5	200-350	1	100	0.5	800	80	100	Fig.1
MMSS8050-L	SOT-23	NPN	0.3	25	1.5	120-200	1	100	0.5	800	80	100	Fig.1
MS8050-H	SOT-23	NPN	0.2	25	0.8	200-300	1	5	0.5	800	80	150	Fig.1
MS8050-L	SOT-23	NPN	0.2	25	0.8	80-200	1	5	0.5	800	80	150	Fig.1
2SC2859-GR	SOT-23	NPN	0.15	30	0.5	200-400	1	100	0.25	100	10	300	Fig.1
2SC2859-O	SOT-23	NPN	0.15	30	0.5	70-140	1	100	0.25	100	10	300	Fig.1
2SC2859-Y	SOT-23	NPN	0.15	30	0.5	120-240	1	100	0.25	100	10	300	Fig.1
2SC3265-Y	SOT-23	NPN	0.2	30	0.8	160-320	1	100	0.5	500	20	120	Fig.1
BC848A	SOT-23	NPN	0.225	30	0.1	110-220	5	2	0.5	100	5	100	Fig.1
BC848B	SOT-23	NPN	0.225	30	0.1	200-450	5	2	0.5	100	5	100	Fig.1
BC848C	SOT-23	NPN	0.225	30	0.1	420-800	5	2	0.5	100	5	100	Fig.1
BCV27	SOT-23	NPN	0.3	30	0.5	4000	1	0.1	1	100	0.1	170	Fig.1
FMMT449	SOT-23	NPN	0.2	30	1	100-300	2	500	0.5	1000	100	150	Fig.1
KTC3876-GR	SOT-23	NPN	0.2	30	0.5	200-400	1	100	0.25	100	10	300	Fig.1
KTC3876-Y	SOT-23	NPN	0.2	30	0.5	120-240	1	100	0.25	100	10	300	Fig.1

Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
MMBTA13	SOT-23	NPN	0.225	30	0.3	5000	5	10	1.5	100	0.1	125	Fig.1
MMBTA14	SOT-23	NPN	0.225	30	0.3	10000	5	10	1.5	100	0.1	125	Fig.1
2SC2411-P	SOT-23	NPN	0.2	32	0.5	82-180	3	100	0.4	500	50	250	Fig.1
2SC2411-Q	SOT-23	NPN	0.2	32	0.5	120-270	3	100	0.4	500	50	250	Fig.1
2SC2411-R	SOT-23	NPN	0.2	32	0.5	180-390	3	100	0.4	500	50	250	Fig.1
MMBT2222A	SOT-23	NPN	0.35	40	0.6	75	10	10	0.3	150	15	300	Fig.1
MMBT3904	SOT-23	NPN	0.35	40	0.2	100-300	1	10	0.2	10	1	300	Fig.1
MMBT4401	SOT-23	NPN	0.35	40	0.6	80	1	10	0.4	150	15	250	Fig.1
BC817-16	SOT-23	NPN	0.31	45	0.5	100-250	1	100	0.7	500	50	100	Fig.1
BC817-25	SOT-23	NPN	0.31	45	0.5	160-400	1	100	0.7	500	50	100	Fig.1
BC817-40	SOT-23	NPN	0.31	45	0.5	250-600	1	100	0.7	500	50	100	Fig.1
BC817K-25	SOT-23	NPN	0.5	45	0.5	160-400	1	100	0.7	500	50	100	Fig.1
BC847A	SOT-23	NPN	0.225	45	0.1	110-220	5	2	0.5	100	5	100	Fig.1
BC847B	SOT-23	NPN	0.225	45	0.1	200-450	5	2	0.5	100	5	100	Fig.1
BC847C	SOT-23	NPN	0.225	45	0.1	420-800	5	2	0.5	100	5	100	Fig.1
BCW66F	SOT-23	NPN	0.2	45	0.8	100-250	1	100	0.3	100	10	100	Fig.1
BCW66G	SOT-23	NPN	0.2	45	0.8	110	1	10	0.3	100	10	100	Fig.1
BCW66H	SOT-23	NPN	0.33	45	0.8	180	1	10	0.3	100	10	100	Fig.1
BCX70G	SOT-23	NPN	0.25	45	0.2	120-220	5	2	0.35	10	0.25	100	Fig.1
BCX70H	SOT-23	NPN	0.25	45	0.2	180-310	5	2	0.35	10	0.25	100	Fig.1
BCX70J	SOT-23	NPN	0.25	45	0.2	250-460	5	2	0.35	10	0.25	100	Fig.1
BCX70K	SOT-23	NPN	0.25	45	0.2	380-630	5	2	0.35	10	0.25	100	Fig.1
MMS9014-H	SOT-23	NPN	0.4	45	0.1	450-1000	5	1	0.3	100	5	150	Fig.1
MMS9014-L	SOT-23	NPN	0.4	45	0.1	200-450	5	1	0.3	100	5	150	Fig.1
2SC1623-L5	SOT-23	NPN	0.2	50	0.1	135-270	6	1	0.3	100	10	250	Fig.1
2SC1623-L6	SOT-23	NPN	0.2	50	0.1	200-400	6	1	0.3	100	10	250	Fig.1
2SC1623-L7	SOT-23	NPN	0.2	50	0.1	300-600	6	1	0.3	100	10	250	Fig.1
2SC2412-R	SOT-23	NPN	0.2	50	0.15	180-390	6	1	0.4	50	5	150	Fig.1
2SC2412-S	SOT-23	NPN	0.2	50	0.15	270-560	6	1	0.4	50	5	150	Fig.1
2SC2712-BL	SOT-23	NPN	0.15	50	0.15	350-700	6	2	0.1	100	10	80	Fig.1
2SC2712-GR	SOT-23	NPN	0.15	50	0.15	200-400	6	2	0.1	100	10	80	Fig.1
2SC2712-O	SOT-23	NPN	0.15	50	0.15	70-140	6	2	0.1	100	10	80	Fig.1
2SC2712-Y	SOT-23	NPN	0.15	50	0.15	120-240	6	2	0.1	100	10	80	Fig.1
2SC3052-E	SOT-23	NPN	0.15	50	0.2	150-300	6	1	0.3	100	10	180	Fig.1
2SC3052-F	SOT-23	NPN	0.15	50	0.2	250-500	6	1	0.3	100	10	180	Fig.1
2SC3052-G	SOT-23	NPN	0.15	50	0.2	400-800	6	1	0.3	100	10	180	Fig.1
FMMT619	SOT-23	NPN	0.35	50	2	100	2	2000	0.2	1000	10	100	Fig.1
KTC3875-GR	SOT-23	NPN	0.15	50	0.15	200-400	6	2	0.25	100	10	80	Fig.1
KTC3875-Y	SOT-23	NPN	0.15	50	0.15	120-240	6	2	0.25	100	10	80	Fig.1
MMBT1815-H	SOT-23	NPN	0.2	50	0.15	200-400	6	2	0.25	100	10	80	Fig.1
MMBT1815-L	SOT-23	NPN	0.2	50	0.15	130-200	6	2	0.25	100	10	80	Fig.1
MMBT945-H	SOT-23	NPN	0.2	50	0.15	200-400	6	1	0.3	100	10	150	Fig.1
MMBT945-L	SOT-23	NPN	0.2	50	0.15	130-200	6	1	0.3	100	10	150	Fig.1
BCV47	SOT-23	NPN	0.3	60	0.5	2000	1	0.1	1	100	0.1	170	Fig.1

Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
FMMT491	SOT-23	NPN	0.5	60	1	80	5	1000	0.5	1000	100	150	Fig.1
MMBT1616A-G	SOT-23	NPN	0.35	60	1	200-400	2	100	0.3	1000	50	100	Fig.1
MMBT1616A-L	SOT-23	NPN	0.35	60	1	300-600	2	100	0.3	1000	50	100	Fig.1
MMBT1616A-Y	SOT-23	NPN	0.35	60	1	135-270	2	100	0.3	1000	50	100	Fig.1
MMBTA05	SOT-23	NPN	0.3	60	0.5	100	1	10	0.25	100	10	100	Fig.1
BC846A	SOT-23	NPN	0.225	65	0.1	110-220	5	2	0.5	100	5	100	Fig.1
BC846B	SOT-23	NPN	0.225	65	0.1	200-450	5	2	0.5	100	5	100	Fig.1
MMBTA06	SOT-23	NPN	0.3	80	0.5	100	1	10	0.25	100	10	100	Fig.1
MMBTA28	SOT-23	NPN	0.2	80	0.5	10000	5	10	1.5	100	0.1	125	Fig.1
FMMT493	SOT-23	NPN	0.25	100	1	20	10	1000	0.3	500	50	150	Fig.1
MMBT5550	SOT-23	NPN	0.225	140	0.6	60	5	10	0.15	10	1		Fig.1
MMBT5551	SOT-23	NPN	0.3	160	0.6	100-300	5	10	0.2	50	5	100	Fig.1
MMBTA43	SOT-23	NPN	0.225	200	0.5	25	10	1	0.5	20	2	50	Fig.1
MMBTA42	SOT-23	NPN	0.3	300	0.3	40	10	10	0.5	20	2	50	Fig.1
MMBTA44	SOT-23	NPN	0.35	400	0.1	40	10	1	0.75	50	5	50	Fig.1
MMBT3906M	SOT-883	PNP	0.1	-40	-0.2	100-300	-1	-10	-0.25	-10	-1	250	Fig.2
BC857BM	SOT-883	PNP	0.1	-45	-0.1	220-475	-5	-2	-0.2	-10	-0.5	100	Fig.2
BC856BM	SOT-883	PNP	0.2	-65	-0.1	220-475	-5	-2	-0.5	-100	-5	100	Fig.2
2SA2029-Q	SOT-723	PNP	0.15	-50	-0.15	120-270	-6	-1	-0.5	-50	-5	140	Fig.2
2SA2029-R	SOT-723	PNP	0.15	-50	-0.15	180-390	-6	-1	-0.5	-50	-5	140	Fig.2
2SA2029-S	SOT-723	PNP	0.15	-50	-0.15	270-560	-6	-1	-0.5	-50	-5	140	Fig.2
MMBT3906T	SOT-523	PNP	0.15	-40	-0.2	100-300	-1	-10	-0.25	-10	-1	250	Fig.2
BC857AT	SOT-523	PNP	0.15	-45	-0.1	125-250	-5	-2	-0.65	-100	-5	100	Fig.2
BC857BT	SOT-523	PNP	0.15	-45	-0.1	220-475	-5	-2	-0.65	-100	-5	100	Fig.2
BC857CT	SOT-523	PNP	0.15	-45	-0.1	420-800	-5	-2	-0.65	-100	-5	100	Fig.2
2SA1774-Q	SOT-523	PNP	0.15	-50	-0.15	120-270	-6	-1	-0.5	-5	-5	140	Fig.2
2SA1774-R	SOT-523	PNP	0.15	-50	-0.15	180-390	-6	-1	-0.5	-5	-5	140	Fig.2
2SA1774-S	SOT-523	PNP	0.15	-50	-0.15	270-560	-6	-1	-0.5	-5	-5	140	Fig.2
2SA1832-GR	SOT-523	PNP	0.1	-50	-0.15	200-400	-6	-1	-0.3	-100	-10	80	Fig.2
2SA1832-Y	SOT-523	PNP	0.1	-50	-0.15	120-240	-6	-1	-0.3	-100	-10	80	Fig.2
MMBT2907AT	SOT-523	PNP	0.15	-60	-0.6	100-300	-10	-10	-0.4	-150	-15	140	Fig.2
MMSS8550W-H	SOT-323	PNP	0.2	-25	1.5	200-350	-1	-100	-0.5	-800	-80	100	Fig.2
MMSS8550W-J	SOT-323	PNP	0.2	-25	1.5	300-400	-1	-100	-0.5	-800	-80	100	Fig.2
MMSS8550W-L	SOT-323	PNP	0.2	-25	1.5	120-200	-1	-100	-0.5	-800	-80	100	Fig.2
2SB1694	SOT-323	PNP	0.2	-30	-1	270-680	-2	-100	-0.38	-500	-25	320	Fig.2
BC858AW	SOT-323	PNP	0.15	-30	-0.1	125-250	-5	-2	-0.65	-100	-5	100	Fig.2
BC858BW	SOT-323	PNP	0.15	-30	-0.1	220-475	-5	-2	-0.65	-100	-5	100	Fig.2
BC858CW	SOT-323	PNP	0.15	-30	-0.1	420-800	-5	-2	-0.65	-100	-5	100	Fig.2
2SA1577-P	SOT-323	PNP	0.2	-32	-0.5	82-180	-3	-10	-0.4	-100	-10	200	Fig.2
2SA1577-Q	SOT-323	PNP	0.2	-32	-0.5	120-270	-3	-10	-0.4	-100	-10	200	Fig.2
2SA1577-R	SOT-323	PNP	0.2	-32	-0.5	180-390	-3	-10	-0.4	-100	-10	200	Fig.2
MMST3906	SOT-323	PNP	0.2	-40	-0.2	100-300	-1	-10	-0.3	-50	-5	300	Fig.2
MMST4403	SOT-323	PNP	0.2	-40	-0.6	100-300	-2	-150	-0.4	-150	-15	200	Fig.2
BC807-16W	SOT-323	PNP	0.2	-45	-0.5	100-250	-1	-100	-0.7	-500	-50	80	Fig.2

Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
BC807-25W	SOT-323	PNP	0.2	-45	-0.5	160-400	-1	-100	-0.7	-500	-50	80	Fig.2
BC807-40W	SOT-323	PNP	0.2	-45	-0.5	250-600	-1	-100	-0.7	-500	-50	80	Fig.2
BC857AW	SOT-323	PNP	0.15	-45	-0.1	125-250	-5	-2	-0.65	-100	-5	100	Fig.2
BC857BW	SOT-323	PNP	0.15	-45	-0.1	220-475	-5	-2	-0.65	-100	-5	100	Fig.2
BC857CW	SOT-323	PNP	0.15	-45	-0.1	420-800	-5	-2	-0.65	-100	-5	100	Fig.2
2SA1576A-Q	SOT-323	PNP	0.2	-50	-0.15	120-270	-6	-1	-0.5	-50	-5	100	Fig.2
2SA1576A-R	SOT-323	PNP	0.2	-50	-0.15	180-390	-6	-1	-0.5	-50	-5	100	Fig.2
2SA1576A-S	SOT-323	PNP	0.2	-50	-0.15	270-560	-6	-1	-0.5	-50	-5	100	Fig.2
KTA2014-GR	SOT-323	PNP	0.1	-50	0.15	200-400	-6	-2000	-0.3	-100	-10	80	Fig.2
KTA2014-O	SOT-323	PNP	0.1	-50	0.15	70-120	-6	-2000	-0.3	-100	-10	80	Fig.2
KTA2014-Y	SOT-323	PNP	0.1	-50	0.15	120-240	-6	-2000	-0.3	-100	-10	80	Fig.2
MMST2907A	SOT-323	PNP	0.2	-60	-0.6	100	-10	-1	-1.6	-500	-50	200	Fig.2
BC856AW	SOT-323	PNP	0.15	-65	-0.1	125-250	-5	-2	-0.65	-100	-5	100	Fig.2
BC856BW	SOT-323	PNP	0.15	-65	-0.1	220-475	-5	-2	-0.65	-100	-5	100	Fig.2
MMST5401	SOT-323	PNP	0.2	-150	-0.2	60-300	-5	-10	-0.5	-50	-5	300	Fig.2
MMSTA92	SOT-323	PNP	0.2	-300	-0.1	40	-10	-10	-0.5	-20	-2	50	Fig.2
BCP69-16	SOT-223	PNP	1	-20	-1	100-250	-1	-500	-0.5	-1000	-100	40	Fig.2
BCP51-10	SOT-223	PNP	1.5	-45	-1	63-160	-2	-150	-0.5	-500	-50	100	Fig.2
BCP51-16	SOT-223	PNP	1.5	-45	-1	100-250	-2	-150	-0.5	-500	-50	100	Fig.2
BCP52-10	SOT-223	PNP	1.5	-60	-1	63-160	-2	-150	-0.5	-500	-50	100	Fig.2
BCP52-16	SOT-223	PNP	1.5	-60	-1	100-250	-2	-150	-0.5	-500	-50	100	Fig.2
PZT2907A	SOT-223	PNP	1	-60	-0.6	100-300	-10	-150	-0.4	-150	-15	200	Fig.2
BCP53-10	SOT-223	PNP	1.5	-80	-1	63-160	-2	-150	-0.5	-500	-50	100	Fig.2
BCP53-16	SOT-223	PNP	1.5	-80	-1	100-250	-2	-150	-0.5	-500	-50	100	Fig.2
PZT5401	SOT-223	PNP	1	-150	-0.6	50	-5	-1	-0.2	-10	-1	300	Fig.2
PZTA94	SOT-223	PNP	1	-400	-0.2	80-300	-10	-10	-0.2	-10	-1	50	Fig.2
FMMT718	SOT-23	PNP	0.35	-20	-1.5	300	-2	-10	-0.2	-1000	-20	150	Fig.2
BC808-16	SOT-23	PNP	0.3	-25	-0.8	100-250	-1	-100	-0.7	-500	-50	100	Fig.2
BC808-25	SOT-23	PNP	0.3	-25	-0.8	160-400	-1	-100	-0.7	-500	-50	100	Fig.2
BC808-40	SOT-23	PNP	0.3	-25	-0.8	250-630	-1	-100	-0.7	-500	-50	100	Fig.2
MMS8550-H	SOT-23	PNP	0.3	-25	-0.5	200-350	-1	-50	-0.6	-500	-50	150	Fig.2
MMS8550-L	SOT-23	PNP	0.3	-25	-0.5	120-200	-1	-50	-0.6	-500	-50	150	Fig.2
MMS9012-H	SOT-23	PNP	0.3	-25	-0.5	200-350	-1	-50	-0.6	-500	-50	150	Fig.2
MMS9012-L	SOT-23	PNP	0.3	-25	-0.5	120-200	-1	-50	-0.6	-500	-50	150	Fig.2
MMSS8550-H	SOT-23	PNP	0.625	-25	-1.5	200-350	-1	-100	-0.5	-800	-80	100	Fig.2
MMSS8550-L	SOT-23	PNP	0.625	-25	-1.5	120-200	-1	-100	-0.5	-800	-80	100	Fig.2
2SA1298-Y	SOT-23	PNP	0.2	-30	-0.8	160-320	-1	-100	-0.4	-500	-20	250	Fig.2
BC858A	SOT-23	PNP	0.2	-30	-0.1	125-250	-5	-2	-0.3	-10	-0.5	200	Fig.2
BC858B	SOT-23	PNP	0.2	-30	-0.1	220-475	-5	-2	-0.3	-10	-0.5	200	Fig.2
BC858C	SOT-23	PNP	0.2	-30	-0.1	420-800	-5	-2	-0.3	-10	-0.5	200	Fig.2
MMBT589	SOT-23	PNP	0.31	-30	-1	100	-2	-1	-0.25	-500	-50	100	Fig.2
2SA1036-P	SOT-23	PNP	0.2	-32	-0.5	82-180	-3	-10	-0.4	-100	-10	200	Fig.2
2SA1036-Q	SOT-23	PNP	0.2	-32	-0.5	120-270	-3	-10	-0.4	-100	-10	200	Fig.2
2SA1036-R	SOT-23	PNP	0.2	-32	-0.5	180-390	-3	-10	-0.4	-100	-10	200	Fig.2

Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
2SB1197-P	SOT-23	PNP	0.2	-32	-0.8	82-180	-3	-100	-0.5	-500	-50	50	Fig.2
2SB1197-Q	SOT-23	PNP	0.2	-32	-0.8	120-270	-3	-100	-0.5	-500	-50	50	Fig.2
2SB1197-R	SOT-23	PNP	0.2	-32	-0.8	180-390	-3	-100	-0.5	-500	-50	50	Fig.2
2SA1464-P	SOT-23	PNP	0.2	-40	-0.5	75-150	-2	-150	-0.45	-500	-50	400	Fig.2
2SA1464-Q	SOT-23	PNP	0.2	-40	-0.5	100-200	-2	-150	-0.45	-500	-50	400	Fig.2
2SA1464-R	SOT-23	PNP	0.2	-40	-0.5	150-300	-2	-150	-0.45	-500	-50	400	Fig.2
FMMT720	SOT-23	PNP	0.35	-40	-1.5	60	-2	-1500	-0.04	-100	-10	150	Fig.2
MMBT3906	SOT-23	PNP	0.3	-40	-0.2	100-300	-1	-10	-0.25	-10	-1	250	Fig.2
MMBT4403	SOT-23	PNP	0.35	-40	-0.6	100	-1	-10	-0.4	-150	-15	200	Fig.2
BC807-16	SOT-23	PNP	0.3	-45	-0.5	100-250	1	100	0.7	500	50	100	Fig.2
BC807-25	SOT-23	PNP	0.3	-45	-0.5	160-400	1	100	0.7	500	50	100	Fig.2
BC807-40	SOT-23	PNP	0.3	-45	-0.5	250-600	1	100	0.7	500	50	100	Fig.2
BC857A	SOT-23	PNP	0.2	-45	-0.1	125-250	-5	-2	-0.3	-10	-0.5	200	Fig.2
BC857B	SOT-23	PNP	0.2	-45	-0.1	220-475	-5	-2	-0.3	-10	-0.5	200	Fig.2
BC857C	SOT-23	PNP	0.2	-45	-0.1	420-800	-5	-2	-0.3	-10	-0.5	200	Fig.2
BCW68G	SOT-23	PNP	0.33	-45	-0.8	160-240	-1	-100	-0.3	-100	-10	200	Fig.2
BCW68H	SOT-23	PNP	0.33	-45	-0.8	250-630	-2	-100	-0.3	-100	-10	100	Fig.2
MMS9015-H	SOT-23	PNP	0.2	-45	-0.1	450-1000	-5	-1	-0.3	-100	-10	150	Fig.2
MMS9015-L	SOT-23	PNP	0.2	-45	-0.1	200-450	-5	-1	-0.3	-100	-10	150	Fig.2
2SA1037-Q	SOT-23	PNP	0.2	-50	-0.15	120-270	-6	-1	-0.5	-5	-5	120	Fig.2
2SA1037-R	SOT-23	PNP	0.2	-50	-0.15	180-390	-6	-1	-0.5	-5	-5	120	Fig.2
2SA1037-S	SOT-23	PNP	0.2	-50	-0.15	270-560	-6	-1	-0.5	-5	-5	120	Fig.2
2SA1162-GR	SOT-23	PNP	0.15	-50	-0.15	200-400	-6	-2	-0.3	-100	-10	80	Fig.2
2SA1162-O	SOT-23	PNP	0.15	-50	-0.15	70-140	-6	-2	-0.3	-100	-10	80	Fig.2
2SA1162-Y	SOT-23	PNP	0.15	-50	-0.15	120-240	-6	-2	-0.3	-100	-10	80	Fig.2
2SA812-M4	SOT-23	PNP	0.2	-50	-0.1	90-180	-6	-1	-0.3	-100	-10	180	Fig.2
2SA812-M5	SOT-23	PNP	0.2	-50	-0.1	135-270	-6	-1	-0.3	-100	-10	180	Fig.2
2SA812-M6	SOT-23	PNP	0.2	-50	-0.1	200-400	-6	-1	-0.3	-100	-10	180	Fig.2
2SA812-M7	SOT-23	PNP	0.2	-50	-0.1	300-600	-6	-1	-0.3	-100	-10	180	Fig.2
2SB1116-K	SOT-23	PNP	0.35	-50	-1	200-400	-2	-100	-0.3	-1000	-50	70	Fig.2
2SB1116-L	SOT-23	PNP	0.35	-50	-1	135-270	-2	-100	-0.3	-1000	-50	70	Fig.2
2SB1116-U	SOT-23	PNP	0.35	-50	-1	300-600	-2	-100	-0.3	-1000	-50	70	Fig.2
KTA1504-GR	SOT-23	PNP	0.15	-50	-0.15	200-400	-6	-2	-0.3	-100	-10	80	Fig.2
KTA1504-O	SOT-23	PNP	0.15	-50	-0.15	70-140	-6	-2	-0.3	-100	-10	80	Fig.2
KTA1504-Y	SOT-23	PNP	0.15	-50	-0.15	120-240	-6	-2	-0.3	-100	-10	80	Fig.2
MMBT1015-H	SOT-23	PNP	0.25	-50	-0.15	200-400	-6	-2	-0.3	-100	-10	80	Fig.2
MMBT1015-L	SOT-23	PNP	0.25	-50	-0.15	130-200	-6	-2	-0.3	-100	-10	80	Fig.2
FMMT591	SOT-23	PNP	0.5	-60	-1	100-300	-5	-500	-0.6	-1000	-100	150	Fig.2
MMBT2907A	SOT-23	PNP	0.35	-60	0.6	100	-10	-10	-0.4	-150	-15	200	Fig.2
MMBTA55	SOT-23	PNP	0.225	-60	-0.5	100	-1	-10	-0.25	-100	-10	50	Fig.2
BC856A	SOT-23	PNP	0.2	-65	-0.1	125-250	-5	-2	-0.3	-10	-0.5	200	Fig.2
BC856B	SOT-23	PNP	0.2	-65	-0.1	220-475	-5	-2	-0.3	-10	-0.5	200	Fig.2
MMBTA56	SOT-23	PNP	0.225	-80	-0.5	100	-1	-10	-0.25	-100	-10	50	Fig.2
FMMT593	SOT-23	PNP	0.25	-100	-1	100-300	-5	-500	-0.3	-500	-50	150	Fig.2

Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
MMBT5401	SOT-23	PNP	0.3	-150	-0.6	100-300	-5	-10	-0.5	-50	-5	100	Fig.2
MMBTA93	SOT-23	PNP	0.3	-200	-0.5	25	-10	-1	-0.5	-20	-2	50	Fig.2
MMBTA92	SOT-23	PNP	0.3	-300	-0.3	100-200	-10	-10	-0.2	-20	-2	50	Fig.2
MMBTA94	SOT-23	PNP	0.35	-400	-0.1	70	-10	-1	-0.2	-10	-1	50	Fig.2
MC818B	SOT23-6L	PNP	1.2	-30	-3	100	-1	-500	-0.15	-500	-5		Fig.10
MMDT3904V	SOT-563	NPN*2	0.2	40	0.2	30	1	100	0.3	50	5	300	Fig.14
BC847BV	SOT-563	NPN*2	0.15	45	0.1	200-450	5	2	0.3	100	5	100	Fig.14
UMX18N	SOT-363	NPN*2	0.15	12	0.15	270-680	2	10	0.25	200	10	320	Fig.14
DMMT3904	SOT-363	NPN*2	0.2	40	0.2	100-300	1	10	0.3	50	5	300	Fig.15
MMDT2222A	SOT-363	NPN*2	0.2	40	0.6	100-300	10	150	1	500	50	300	Fig.14
MMDT3904	SOT-363	NPN*2	0.2	40	0.2	100-300	1	10	0.3	50	5	300	Fig.14
MMDT4401	SOT-363	NPN*2	0.2	40	0.6	40	2	500	0.75	500	50	250	Fig.14
BC847BS	SOT-363	NPN*2	0.3	45	0.1	200-450	5	2	0.65	100	5	200	Fig.14
UMX1N	SOT-363	NPN*2	0.15	50	0.15	120-560	6	1	0.4	50	5	180	Fig.14
UMX3N	SOT-363	NPN*2	0.15	50	0.15	120-560	6	1	0.4	50	5	180	Fig.17
BC846BS	SOT-363	NPN*2	0.2	65	0.1	200-450	5	2	0.1	10	0.5	100	Fig.14
BC846S	SOT-363	NPN*2	0.2	65	0.1	110	5	2	0.1	10	0.5	100	Fig.14
MMDT5551	SOT-363	NPN*2	0.2	160	0.2	100-300	5	10	0.15	10	1	300	Fig.14
SMBT5551	SOT23-6L	NPN*2	0.3	160	0.6	100-300	5	10	0.15	10	1	300	Fig.11
MMDT3906V	SOT-563	PNP*2	0.15	-40	-0.2	100-300	-1	-10	-0.4	-50	-5	250	Fig.5
BC857BV	SOT-563	PNP*2	0.15	-45	-0.1	200-475	-5	-2	-0.4	-100	-5	100	Fig.5
DMMT3906	SOT-363	PNP*2	0.2	-40	-0.2	100-300	-1	-10	-0.4	-50	-5	250	Fig.16
MMDT3906	SOT-363	PNP*2	0.2	-40	-0.2	100-300	-1	-10	-0.4	-50	-5	250	Fig.5
MMDT4403	SOT-363	PNP*2	0.2	-40	-0.6	20	-2	-500	-0.75	-500	-50	200	Fig.5
BC807U	SOT-363	PNP*2	0.3	-45	-0.5	160-400	-1	-100	-0.7	-500	-50	200	Fig.5
BC857S	SOT-363	PNP*2	0.3	-45	-0.1	125-630	-5	-2	-0.3	-10	-0.5	200	Fig.5
UMT1N	SOT-363	PNP*2	0.15	-50	-0.15	120-560	-6	-1	-0.5	-50	-5	140	Fig.5
MMDT2907A	SOT-363	PNP*2	0.2	-60	0.6	100	-10	-10	-0.4	-150	-15	200	Fig.5
BC856BS	SOT-363	PNP*2	0.2	-65	-0.1	200-450	-5	-2	-0.1	-10	-0.5	100	Fig.5
BC856S	SOT-363	PNP*2	0.2	-65	-0.1	110	-5	-2	-0.1	-10	-0.5	100	Fig.5
MMDT5401	SOT-363	PNP*2	0.2	-150	-0.2	100-300	-5	-10	-0.5	-50	-5	300	Fig.5
UML2N	SOT-353	PNP/DIODE	0.15	50	-0.15	120-560	-6	-1	-0.4	-50	-5	180	Fig.6
UML6N	SOT-353	PNP/DIODE	0.12	12	-0.5	270-680	-2	-10	-0.25	-200	-10	320	Fig.7

Small Signal Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
EMZ1	SOT-563	NPN	0.15	50	0.15	120-560	6	1	0.4	50	5	180	Fig.3
		PNP		-50	-0.15	120-560	-6	-1	-0.5	50	5	140	
MMDT2227	SOT-363	NPN	0.2	40	0.6	35	10	0.1	0.3	150	15	300	Fig.3
		PNP		-60	-0.6	75	-10	-0.1	-0.4	-150	-15	200	
MMDT3946	SOT-363	NPN	0.2	40	0.2	100-300	1	10	0.3	50	5	300	Fig.3
		PNP		-40	-5	100-300	-1	-10	-0.25	-10	-1	250	
MMDT4413	SOT-363	NPN	0.2	40	0.6	40	2	500	0.75	500	50	250	Fig.3
		PNP		-40	-0.6	20	-2	-500	-0.75	-500	-50	200	
BC847PN	SOT-363	NPN	0.2	45	0.1	200-450	5	2	0.25	10	0.5	100	Fig.3
		PNP		-45	-0.1	220~475	-5	-2	-0.3	-10	-0.5	100	
UMZ1N	SOT-363	NPN	0.15	50	0.15	120-560	6	1	0.4	50	5	140	Fig.3
		PNP		-50	-0.15	120-560	-6	-1	-0.5	-50	-5	140	
UMZ2N	SOT-363	NPN	0.15	50	0.15	120-560	6	1	0.4	50	5	180	Fig.4
		PNP		-50	-0.15	120-560	-6	-1	-0.5	-50	-5	140	
BC846BPN	SOT-363	NPN	0.2	65	0.1	200-450	5	2	0.1	10	0.5	100	Fig.3
		PNP		65	-0.1	200-450	-5	-2	-0.1	-10	-0.5	100	
MMDT5451	SOT-363	NPN	0.2	160	0.2	100-300	5	10	0.15	10	1	100	Fig.3
		PNP		-150	-0.2	100-300	100-300	-10	-0.2	-10	-1	300	
UMY1N	SOT-353	PNP	0.15	-50	-0.15	120-560	-6	-1	-0.5	-50	-5	140	Fig.13
		NPN		50	0.15	120-560	6	1	0.4	50	5	180	

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
2SD2150-R	SOT-89	NPN	0.5	20	3	180-390	2	100	0.5	2000	100	290	Fig.1
2SD2150-S	SOT-89	NPN	0.5	20	3	270-560	2	100	0.5	2000	100	290	Fig.1
2SD874-Q	SOT-89	NPN	0.5	25	1	85-170	5	1	0.4	500	50	200	Fig.1
2SD874-R	SOT-89	NPN	0.5	25	1	120-240	5	1	0.4	500	50	200	Fig.1
2SD874-S	SOT-89	NPN	0.5	25	1	170-340	5	1	0.4	500	50	200	Fig.1
PXT8050-C	SOT-89	NPN	0.5	25	1.5	120-200	1	100	0.5	800	80	100	Fig.1
PXT8050-D	SOT-89	NPN	0.5	25	1.5	160-300	1	100	0.5	800	80	100	Fig.1
PXT8050-D3	SOT-89	NPN	0.5	25	1.5	300-400	1	100	0.5	800	80	100	Fig.1
2SC2883-Y	SOT-89	NPN	0.5	30	1.5	160-320	2	500	2	1500	30	120	Fig.1
BD882-GR	SOT-89	NPN	0.5	30	3	200-400	2	1000	0.5	2000	200	50	Fig.1
BD882-O	SOT-89	NPN	0.5	30	3	100-200	2	1000	0.5	2000	200	50	Fig.1
BD882-R	SOT-89	NPN	0.5	30	3	60-120	2	1000	0.5	2000	200	50	Fig.1
BD882-Y	SOT-89	NPN	0.5	30	3	160-320	2	1000	0.5	2000	200	50	Fig.1
2SD1664-P	SOT-89	NPN	0.5	32	1	82-180	3	100	0.4	500	50	150	Fig.1
2SD1664-Q	SOT-89	NPN	0.5	32	1	120-270	3	100	0.4	500	50	150	Fig.1
2SD1664-R	SOT-89	NPN	0.5	32	1	180-390	3	100	0.4	500	50	150	Fig.1
2SD1766-P	SOT-89	NPN	0.5	32	1	82-180	3	500	0.8	2000	200	100	Fig.1
2SD1766-Q	SOT-89	NPN	0.5	32	1	120-270	3	500	0.8	2000	200	100	Fig.1
2SD1766-R	SOT-89	NPN	0.5	32	1	180-390	3	500	0.8	2000	200	100	Fig.1
PXT2222A	SOT-89	NPN	0.5	40	0.6	100-300	10	150	0.3	150	15	300	Fig.1
PXT3904	SOT-89	NPN	0.5	40	0.2	100-300	1	10	0.2	10	1	300	Fig.1
BCX54	SOT-89	NPN	0.5	45	1	63-250	2	150	0.5	500	50	130	Fig.1
BCX54-10	SOT-89	NPN	0.5	45	1	63-160	2	150	0.5	500	50	130	Fig.1
BCX54-16	SOT-89	NPN	0.5	45	1	100-250	2	150	0.5	500	50	130	Fig.1
2SC2873-O	SOT-89	NPN	0.5	50	2	70-140	2	500	0.5	1000	50	120	Fig.1
2SC2873-Y	SOT-89	NPN	0.5	50	2	120-240	2	500	0.5	1000	50	120	Fig.1
2SC4672-P	SOT-89	NPN	0.5	50	2	82-180	2	500	0.35	1000	50	210	Fig.1
2SC4672-Q	SOT-89	NPN	0.5	50	2	120-270	2	500	0.35	1000	50	210	Fig.1
2SC4672-R	SOT-89	NPN	0.5	50	2	180-390	2	500	0.35	1000	50	210	Fig.1
2SD874A-Q	SOT-89	NPN	0.5	50	1	85-170	5	1	0.4	500	50	200	Fig.1
2SD874A-R	SOT-89	NPN	0.5	50	1	120-240	5	1	0.4	500	50	200	Fig.1
2SD874A-S	SOT-89	NPN	0.5	50	1	170-340	5	1	0.4	500	50	200	Fig.1
BCX55	SOT-89	NPN	0.5	60	1	63-250	2	150	0.5	500	50	130	Fig.1
BCX55-10	SOT-89	NPN	0.5	60	1	63-160	2	150	0.5	500	50	130	Fig.1
BCX55-16	SOT-89	NPN	0.5	60	1	100-250	2	150	0.5	500	50	130	Fig.1
BD882HY	SOT-89	NPN	0.5	70	3	160-320	2	1000	0.5	2000	200	50	Fig.1
2SD1005-V	SOT-89	NPN	0.5	80	1	135-270	2	100	0.5	500	50	160	Fig.1
2SD1898-P	SOT-89	NPN	0.5	80	1	82-180	3	500	0.15	500	20	100	Fig.1
2SD1898-Q	SOT-89	NPN	0.5	80	1	120-270	3	500	0.15	500	20	100	Fig.1
2SD1898-R	SOT-89	NPN	0.5	80	1	180-390	3	500	0.15	500	20	100	Fig.1
BCX56	SOT-89	NPN	0.5	80	1	63-250	2	150	0.5	500	50	130	Fig.1
BCX56-10	SOT-89	NPN	0.5	80	1	63-160	2	150	0.5	500	50	130	Fig.1
BCX56-16	SOT-89	NPN	0.5	80	1	100-250	2	150	0.5	500	50	130	Fig.1
BSR43	SOT-89	NPN	0.5	80	1	100-300	5	100	0.5	500	50	100	Fig.1

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	F_T(MHz)	
KTD1898-GR	SOT-89	NPN	0.5	80	1	200-400	3	500	0.4	500	20	100	Fig.1
KTD1898-O	SOT-89	NPN	0.5	80	1	70-140	3	500	0.4	500	20	100	Fig.1
KTD1898-Y	SOT-89	NPN	0.5	80	1	120-240	3	500	0.4	500	20	100	Fig.1
2SC2881-O	SOT-89	NPN	0.5	120	0.8	80-160	5	100	1	500	50	120	Fig.1
2SC2881-Y	SOT-89	NPN	0.5	120	0.8	120-240	5	100	1	500	50	120	Fig.1
KTC4373-O	SOT-89	NPN	0.5	120	0.8	80-160	5	100	1	500	50	120	Fig.1
KTC4373-Y	SOT-89	NPN	0.5	120	0.8	120-240	5	100	1	500	50	120	Fig.1
2SC2383P-O	SOT-89	NPN	0.5	160	1	100-200	5	200	1	500	50	20	Fig.1
2SC2383P-Y	SOT-89	NPN	0.5	160	1	160-320	5	200	1	500	50	20	Fig.1
CXT5551	SOT-89	NPN	0.5	160	0.6	80	5	1	0.15	10	1	100	Fig.1
2SC4548-D	SOT-89	NPN	0.5	400	0.2	60-120	10	50	0.6	50	5	70	Fig.1
2SC4548-E	SOT-89	NPN	0.5	400	0.2	100-200	10	50	0.6	50	5	70	Fig.1
PXTA44	SOT-89	NPN	0.5	400	0.3	50-200	10	10	0.4	1	0.1		Fig.1
D882-GR	DPAK	NPN	1.25	30	3	200-400	2	1000	0.5	2000	200	90	Fig.1
D882-O	DPAK	NPN	1.25	30	3	100-200	2	1000	0.5	2000	200	90	Fig.1
D882-R	DPAK	NPN	1.25	30	3	60-120	2	1000	0.5	2000	200	90	Fig.1
D882-Y	DPAK	NPN	1.25	30	3	160-320	2	1000	0.5	2000	200	90	Fig.1
2SD1899-K	DPAK	NPN	1	60	3	200-400	2	600	0.25	1500	150	120	Fig.1
2SD1899-M	DPAK	NPN	1	60	3	100-200	2	600	0.25	1500	150	120	Fig.1
MMJD3055	DPAK	NPN	1.25	60	10	20-100	4	4000	1.1	4000	400	2	Fig.1
2SC3303-O	DPAK	NPN	1	80	5	70-140	1	1000	0.4	3000	150	20	Fig.1
2SC3303-Y	DPAK	NPN	1	80	5	120-240	1	1000	0.4	3000	150	20	Fig.1
2SD1815-R	DPAK	NPN	1	100	3	100-200	5	500	0.4	1500	150	180	Fig.1
MJD31C	DPAK	NPN	1.25	100	3	10-50	4	3000	1.2	3000	375	3	Fig.1
2SC2983-Y	DPAK	NPN	1	160	1.5	120-240	5	100	1.5	500	50	100	Fig.1
MJE13007F	ITO-220AB	NPN	2	400	8	8.0-40	5	2000	1	2000	400	4	Fig.1
MJE13005F	ITO-220AB	NPN	2	420	4	10-40	5	1000	0.3	1000	200	5	Fig.1
BD433	TO-126	NPN	1.25	22	4	85	1	500	0.5	2000	200	3	Fig.1
2SD882-GR	TO-126	NPN	1.25	30	3	200-400	2	1000	0.5	2000	200	50	Fig.1
2SD882-O	TO-126	NPN	1.25	30	3	100-200	2	1000	0.5	2000	200	50	Fig.1
2SD882-R	TO-126	NPN	1.25	30	3	60-120	2	1000	0.5	2000	200	50	Fig.1
2SD882-Y	TO-126	NPN	1.25	30	3	160-320	2	1000	0.5	2000	200	50	Fig.1
BD435	TO-126	NPN	1.25	32	4	85	1	500	0.5	2000	200	3	Fig.1
BD135-10	TO-126	NPN	1.25	45	1.5	63-160	2	150	0.5	500	50	190	Fig.1
BD135-16	TO-126	NPN	1.25	45	1.5	40-100	2	150	0.5	500	50	190	Fig.1
BD135-6	TO-126	NPN	1.25	45	1.5	40-100	2	150	0.5	500	50	190	Fig.1
BD233	TO-126	NPN	1.25	45	2	40	2	150	0.6	1000	100	3	Fig.1
BD437	TO-126	NPN	1.25	45	4	85	1	500	0.6	2000	200	3	Fig.1
2SD1691-G	TO-126	NPN	1.3	60	5	200-400	1	2000	0.3	2000	200	-	Fig.1
2SD1691-O	TO-126	NPN	1.3	60	5	100-200	1	2000	0.3	2000	200	-	Fig.1
2SD1691-Y	TO-126	NPN	1.3	60	5	160-320	1	2000	0.3	2000	200	-	Fig.1
BD137-10	TO-126	NPN	1.25	60	1.5	63-160	2	150	0.5	500	50	190	Fig.1
BD137-16	TO-126	NPN	1.25	60	1.5	100-250	2	150	0.5	500	50	190	Fig.1
BD137-6	TO-126	NPN	1.25	60	1.5	40-100	2	150	0.5	500	50	190	Fig.1

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
BD235	TO-126	NPN	1.25	60	2	40	2	150	0.6	1000	100	3	Fig.1
BD439	TO-126	NPN	1.25	60	4	475	1	500	0.8	3000	300	3	Fig.1
BD139-10	TO-126	NPN	1.25	80	1.5	63-160	2	150	0.5	500	50	190	Fig.1
BD139-16	TO-126	NPN	1.25	80	1.5	100-250	2	150	0.5	500	50	190	Fig.1
BD139-6	TO-126	NPN	1.25	80	1.5	40-100	2	150	0.5	500	50	190	Fig.1
BD237	TO-126	NPN	1.25	80	2	40	2	150	0.6	1000	100	3	Fig.1
2SD669-B	TO-126	NPN	1	120	1.5	60-120	5	150	1	500	50	140	Fig.1
2SD669-C	TO-126	NPN	1	120	1.5	100-200	5	150	1	500	50	140	Fig.1
2SD669-D	TO-126	NPN	1	120	1.5	160-320	5	150	1	500	50	140	Fig.1
2SD669A-C	TO-126	NPN	1	160	1.5	100-200	5	150	1	500	50	140	Fig.1
MJE13002	TO-126	NPN	1.25	400	1	8.0-60	10	100	0.8	200	40	5	Fig.1
MJE13003A	TO-126	NPN	1.25	400	1.5	8.0-40	5	500	1	1000	250	5	Fig.1
TIP29	TO-220	NPN	30	40	1	40	4	200	0.7	1000	125	3	Fig.1
TIP31	TO-220	NPN	2	40	3	25	4	1000	1.2	3000	375	3	Fig.1
TIP41	TO-220	NPN	2	40	6	30	4	300	1.5	6000	600	3	Fig.1
2SD880-GR	TO-220	NPN	1.5	60	3	150-300	5	500	1	3000	300	3	Fig.1
2SD880-Q	TO-220	NPN	1.5	60	3	60-120	5	500	1	3000	300	3	Fig.1
2SD880-Y	TO-220	NPN	1.5	60	3	100-200	5	500	1	3000	300	3	Fig.1
MJE3055	TO-220	NPN	2	60	10	20-100	4	4000	1.1	4000	400	2	Fig.1
TIP29A	TO-220	NPN	30	60	1	40	4	200	0.7	1000	125	3	Fig.1
TIP31A	TO-220	NPN	2	60	3	25	4	1000	1.2	3000	375	3	Fig.1
TIP41A	TO-220	NPN	2	60	6	30	4	300	1.5	6000	600	3	Fig.1
2N6388	TO-220	NPN	65	80	10	1K-20K	3	5000	2	5000	10	-	Fig.1
BDW93B	TO-220	NPN	80	80	12	1000	3	3000	2	5000	20		Fig.1
TIP29B	TO-220	NPN	30	80	1	40	4	200	0.7	1000	125	3	Fig.1
TIP31B	TO-220	NPN	2	80	3	25	4	1000	1.2	3000	375	3	Fig.1
TIP41B	TO-220	NPN	2	80	6	30	4	300	1.5	6000	600	3	Fig.1
2N6045	TO-220	NPN	75	100	8	1K-20K	4	3000	4	8000	80	-	Fig.1
BDX33D	TO-220	NPN	70	100	10	750	3	3000	2.5	3000	6	-	Fig.1
TIP29C	TO-220	NPN	30	100	1	40	4	200	0.7	1000	125	3	Fig.1
TIP31C	TO-220	NPN	2	100	3	25	4	1000	1.2	3000	375	3	Fig.1
TIP41C	TO-220	NPN	2	100	6	30	4	300	1.5	6000	600	3	Fig.1
2SC2073	TO-220	NPN	1.5	150	1.5	40-140	10	500	1.5	500	50	4	Fig.1
2SD1138-B	TO-220	NPN	1.8	150	2	60-120	4	50	3	500	50	-	Fig.1
2SD1138-C	TO-220	NPN	1.8	150	2	100-200	4	50	3	500	50	-	Fig.1
TIP47	TO-220	NPN	40	250	1	30-150	10	300	1	1000	200	10	Fig.1
MJE13003	TO-220	NPN	1.5	400	1.5	8.0-40	2	500	1	1000	250	5	Fig.1
MJE13005	TO-220	NPN	1.5	400	4	10-40	5	1000	0.6	2000	500	5	Fig.1
MJE13007	TO-220	NPN	2	400	8	8.0-40	5	2000	1	2000	400	4	Fig.1
KSD1408-Y	TO-220F	NPN	2	80	4	120-240	5	500	1.5	3000	300	8	Fig.1
2SD1499-P	TO-220F	NPN	2	100	5	20	5	20	2	1500	1.5	20	Fig.1
2SD2257	TO-220F	NPN	2	100	3	2000	2	1000	1.5	1500	1.5	-	Fig.1
2SC4793	TO-220F	NPN	1.5	230	1	100-320	5	100	1.5	500	50	30	Fig.1
2SC3303	TO-251	NPN	1	80	5	70-240	1	1000	0.4	3000	150	20	Fig.1

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
D1815-R	TO-251	NPN	1	100	3	100-200	5	500	0.4	1500	150	180	Fig.1
MJE13003D	TO-251	NPN	1.25	400	1.5	8.0-40	5	500	1	1000	250	5	Fig.1
2SC3279-L	TO-92	NPN	0.75	10	2	140-240	1	500	0.5	2000	50	100	Fig.1
2SC3279-M	TO-92	NPN	0.75	10	2	200-330	1	500	0.5	2000	50	100	Fig.1
2SC3279-N	TO-92	NPN	0.75	10	2	300-450	1	500	0.5	2000	50	100	Fig.1
2SC3279-P	TO-92	NPN	0.75	10	2	420-600	1	500	0.5	2000	50	100	Fig.1
S9018-G	TO-92	NPN	0.31	18	0.05	70-108	5	1	0.5	10	1	600	Fig.1
S9018-H	TO-92	NPN	0.31	18	0.05	97-146	5	1	0.5	10	1	600	Fig.1
S9018-I	TO-92	NPN	0.31	18	0.05	130-198	5	1	0.5	10	1	600	Fig.1
M28S-B	TO-92	NPN	0.625	20	1	300-550	1	1	0.55	600	20	100	Fig.1
M28S-C	TO-92	NPN	0.625	20	1	500-700	1	1	0.55	600	20	100	Fig.1
M28S-D	TO-92	NPN	0.625	20	1	650-1000	1	1	0.55	600	20	100	Fig.1
D965-R	TO-92	NPN	0.75	22	5	340-950	2	500	0.35	3000	100		Fig.1
2N4124	TO-92	NPN	0.625	25	0.2	60	1	50	0.3	50	5	300	Fig.1
2SC2001-K	TO-92	NPN	0.6	25	0.7	200-400	1	100	0.6	700	70	50	Fig.1
2SC2001-L	TO-92	NPN	0.6	25	0.7	135-270	1	100	0.6	700	70	50	Fig.1
2SC2001-M	TO-92	NPN	0.6	25	0.7	90-180	1	100	0.6	700	70	50	Fig.1
8050SS-C	TO-92	NPN	1	25	1.5	120-200	1	100	0.5	800	80	100	Fig.1
8050SS-D	TO-92	NPN	1	25	1.5	160-300	1	100	0.5	800	80	100	Fig.1
BC338-16	TO-92	NPN	0.625	25	0.8	100-250	1	300	0.7	500	50	210	Fig.1
BC338-25	TO-92	NPN	0.625	25	0.8	160-400	1	300	0.7	500	50	210	Fig.1
BC338-40	TO-92	NPN	0.625	25	0.8	250-630	1	300	0.7	500	50	210	Fig.1
M8050-C	TO-92	NPN	0.625	25	0.8	120-200	1	100	0.5	800	80	150	Fig.1
M8050-D	TO-92	NPN	0.625	25	0.8	160-300	1	100	0.5	800	80	150	Fig.1
MPSH10	TO-92	NPN	0.35	25	0.05	60-200	10	4	0.5	4	0.4	650	Fig.1
S8050-B	TO-92	NPN	0.625	25	0.5	85-150	1	50	0.6	500	50	100	Fig.1
S8050-C	TO-92	NPN	0.625	25	0.5	120-200	1	50	0.6	500	50	100	Fig.1
S8050-D	TO-92	NPN	0.625	25	0.5	160-300	1	50	0.6	500	50	100	Fig.1
S9013-G	TO-92	NPN	0.625	25	0.5	112-166	1	50	0.6	500	50	150	Fig.1
S9013-H	TO-92	NPN	0.625	25	0.5	144-202	1	50	0.6	500	50	150	Fig.1
S9013-I	TO-92	NPN	0.625	25	0.5	190-300	1	50	0.6	500	50	150	Fig.1
SS8050-C	TO-92	NPN	1	25	1.5	120-200	1	100	0.5	800	80	190	Fig.1
SS8050-D	TO-92	NPN	1	25	1.5	160-300	1	100	0.5	800	80	190	Fig.1
2SC1923-O	TO-92	NPN	0.1	30	0.02	70-140	6	1	-	-	-	500	Fig.1
2SC1923-R	TO-92	NPN	0.1	30	0.02	40-80	6	1	-	-	-	500	Fig.1
2SC1923-Y	TO-92	NPN	0.1	30	0.02	100-200	6	1	-	-	-	500	Fig.1
2SC1959-GR	TO-92	NPN	0.5	30	0.5	200-400	1	100	0.25	100	10	200	Fig.1
2SC1959-O	TO-92	NPN	0.5	30	0.5	70-140	1	100	0.25	100	10	200	Fig.1
2SC1959-Y	TO-92	NPN	0.5	30	0.5	120-240	1	100	0.25	100	10	200	Fig.1
2SC2120-O	TO-92	NPN	0.6	30	0.8	100-200	1	100	0.5	500	20	100	Fig.1
2SC2120-Y	TO-92	NPN	0.6	30	0.8	160-320	1	100	0.5	500	20	100	Fig.1
BC548A	TO-92	NPN	0.625	30	0.1	110-220	5	2	0.3	100	5	150	Fig.1
BC548B	TO-92	NPN	0.625	30	0.1	200-450	5	2	0.3	100	5	150	Fig.1
BC548C	TO-92	NPN	0.625	30	0.1	420-800	5	2	0.3	100	5	150	Fig.1

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
KSD471A-G	TO-92	NPN	0.8	30	1	200-400	1	100	0.5	1000	100	130	Fig.1
KSD471A-O	TO-92	NPN	0.8	30	1	70-140	1	100	0.5	1000	100	130	Fig.1
KSD471A-Y	TO-92	NPN	0.8	30	1	120-240	1	100	0.5	1000	100	130	Fig.1
MPS2222-H	TO-92	NPN	0.625	30	0.6	200-300	10	1	1	500	50	300	Fig.1
MPS2222-L	TO-92	NPN	0.625	30	0.6	100-200	10	1	1	500	50	300	Fig.1
MPSA13	TO-92	NPN	0.625	30	0.5	5000	5	10	1.5	100	0.1	125	Fig.1
MPSA14	TO-92	NPN	0.625	30	0.5	10000	5	10	1.5	100	0.1	125	Fig.1
PN2222-H	TO-92	NPN	0.625	30	0.6	200-300	10	1	1	500	50	300	Fig.1
PN2222-L	TO-92	NPN	0.625	30	0.6	100-200	10	1	1	500	50	300	Fig.1
2N3904	TO-92	NPN	0.625	40	0.2	100-300	1	10	0.2	10	1	250	Fig.1
2N4401	TO-92	NPN	0.625	40	0.6	80	1	10	0.4	150	15	250	Fig.1
MPS2222A	TO-92	NPN	0.6	40	0.6	75	10	10	0.3	150	15	300	Fig.1
MPSW01A	TO-92	NPN	0.625	40	1	50	1	1000	0.5	1000	100	50	Fig.1
PN2222A	TO-92	NPN	0.625	40	0.6	75	10	10	0.3	150	15	300	Fig.1
2SC2216	TO-92	NPN	0.3	45	0.05	40-140	12.5	12.5	0.2	15	1.5	300	Fig.1
BC237A	TO-92	NPN	0.35	45	0.1	90	5	0.01	0.2	10	0.5	100	Fig.1
BC237B	TO-92	NPN	0.35	45	0.1	150	5	0.01	0.2	10	0.5	100	Fig.1
BC237C	TO-92	NPN	0.35	45	0.1	270	5	0.01	0.2	10	0.5	100	Fig.1
BC337-16	TO-92	NPN	0.625	45	0.8	100-250	1	300	0.7	500	50	210	Fig.1
BC337-25	TO-92	NPN	0.625	45	0.8	160-400	1	300	0.7	500	50	210	Fig.1
BC337-40	TO-92	NPN	0.625	45	0.8	250-630	1	300	0.7	500	50	210	Fig.1
BC547A	TO-92	NPN	0.625	45	0.1	110-220	5	2	0.3	100	5	150	Fig.1
BC547B	TO-92	NPN	0.625	45	0.1	200-450	5	2	0.3	100	5	150	Fig.1
BC547C	TO-92	NPN	0.625	45	0.1	420-800	5	2	0.3	100	5	150	Fig.1
S9014-B	TO-92	NPN	0.4	45	0.1	100-300	5	1	0.3	100	5	150	Fig.1
S9014-C	TO-92	NPN	0.4	45	0.1	200-600	5	1	0.3	100	5	150	Fig.1
S9014-D	TO-92	NPN	0.4	45	0.1	400-1000	5	1	0.3	100	5	150	Fig.1
2SC1815-BL	TO-92	NPN	0.4	50	0.15	350-700	6	2	0.25	100	10	80	Fig.1
2SC1815-GR	TO-92	NPN	0.4	50	0.15	200-400	6	2	0.25	100	10	80	Fig.1
2SC1815-O	TO-92	NPN	0.4	50	0.15	70-140	6	2	0.25	100	10	80	Fig.1
2SC1815-Y	TO-92	NPN	0.4	50	0.15	120-240	6	2	0.25	100	10	80	Fig.1
2SC945-GR	TO-92	NPN	0.4	50	0.15	200-400	6	1	0.3	100	10	150	Fig.1
2SC945-Y	TO-92	NPN	0.4	50	0.15	120-240	6	1	0.3	100	10	150	Fig.1
2SD1835	TO-92	NPN	0.75	50	2	100-560	2	100	0.4	1000	50	150	Fig.1
2SC1008-G	TO-92	NPN	0.8	60	0.7	200-400	2	50	0.4	500	50	30	Fig.1
2SC1008-O	TO-92	NPN	0.8	60	0.7	70-140	2	50	0.4	500	50	30	Fig.1
2SC1008-R	TO-92	NPN	0.8	60	0.7	40-80	2	50	0.4	500	50	30	Fig.1
2SC1008-Y	TO-92	NPN	0.8	60	0.7	120-240	2	50	0.4	500	50	30	Fig.1
BC637-10	TO-92	NPN	0.83	60	1	25	2	5	0.5	500	50	100	Fig.1
BC637-16	TO-92	NPN	0.83	60	1	25	2	5	0.5	500	50	100	Fig.1
KSD1616A-G	TO-92	NPN	0.75	60	1	200-400	2	100	0.15	1000	50	160	Fig.1
KSD1616A-Y	TO-92	NPN	0.75	60	1	135-270	2	100	0.15	1000	50	160	Fig.1
KSD1616-G	TO-92	NPN	0.75	60	1	200-400	2	100	0.15	1000	50	160	Fig.1
KSD1616-L	TO-92	NPN	0.75	60	1	300-600	2	100	0.15	1000	50	160	Fig.1

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
KSD1616-Y	TO-92	NPN	0.75	60	1	135-270	2	100	0.15	1000	50	160	Fig.1
MPS651	TO-92	NPN	0.625	60	2	75	2	50	0.5	2000	200	75	Fig.1
BC546A	TO-92	NPN	0.625	65	0.1	110-220	5	2	0.3	100	5	150	Fig.1
BC546B	TO-92	NPN	0.625	65	0.1	200-450	5	2	0.3	100	5	150	Fig.1
BC639-10	TO-92	NPN	1	80	1	63-160	2	150	0.5	500	50	100	Fig.1
BC639-16	TO-92	NPN	1	80	1	100-250	2	150	0.5	500	50	100	Fig.1
MPSA06	TO-92	NPN	0.625	80	0.5	100	1	10	0.25	100	10	100	Fig.1
2N6718	TO-92	NPN	0.625	100	1	250	1	250	0.5	250	10	50	Fig.1
MPSA29	TO-92	NPN	0.625	100	0.5	10000	5	10	1.2	10	0.01	125	Fig.1
2N5550	TO-92	NPN	0.625	140	0.6	60	5	1	0.15	10	1	300	Fig.1
2N5551	TO-92	NPN	0.625	160	0.6	80-300	5	10	0.5	50	5	300	Fig.1
MPSA43	TO-92	NPN	0.625	200	0.3	80-250	10	10	0.4	20	2	50	Fig.1
BF422	TO-92	NPN	0.83	250	0.1	50	20	25	0.6	30	5	60	Fig.1
BF420	TO-92	NPN	0.83	300	0.1	50	20	25	0.6	30	5	60	Fig.1
MPSA42	TO-92	NPN	0.625	300	0.3	80-250	10	10	0.5	20	2	50	Fig.1
2N6517	TO-92	NPN	0.625	350	0.5	30	10	1	0.3	10	1	40	Fig.1
MJE13001	TO-92	NPN	1	400	0.2	10-40	20	20	0.5	50	10	8	Fig.1
MJE13002B	TO-92	NPN	0.9	400	0.8	6	10	10	0.5	200	40	5	Fig.1
MJE13003B	TO-92	NPN	1	400	1.5	20-40	10	400	0.8	500	100	5	Fig.1
MPSA44	TO-92	NPN	0.625	400	0.3	50-200	10	10	0.5	10	1		Fig.1
2SD468-B	TO-92L	NPN	0.9	20	1	85-170	2	500	0.5	800	80	190	Fig.1
2SD468-C	TO-92L	NPN	0.9	20	1	120-240	2	500	0.5	800	80	190	Fig.1
TPT5609-A	TO-92L	NPN	0.75	20	1	60-120	2	500	0.5	800	80	190	Fig.1
TPT5609-B	TO-92L	NPN	0.75	20	1	85-170	2	500	0.5	800	80	190	Fig.1
TPT5609-C	TO-92L	NPN	0.75	20	1	120-240	2	500	0.5	800	80	190	Fig.1
KTC3205-O	TO-92L	NPN	1	30	2	100-200	2	500	2	1.5	30	120	Fig.1
KTC3205-Y	TO-92L	NPN	1	30	2	160-320	2	500	2	1.5	30	120	Fig.1
2SC2655L-Y	TO-92L	NPN	0.9	50	2	120-240	2	500	0.5	1000	50	100	Fig.1
2SD667L-C	TO-92L	NPN	0.9	80	1	100-200	5	150	1	500	50	140	Fig.1
2SD667L-D	TO-92L	NPN	0.9	80	1	160-320	5	150	1	500	50	140	Fig.1
2SC2236-Y	TO-92MOD	NPN	0.9	30	1.5	160-320	2	500	2	1500	30	120	Fig.1
2SC2655-O	TO-92MOD	NPN	0.9	50	2	70-140	2	500	0.5	1000	50	100	Fig.1
2SC2655-Y	TO-92MOD	NPN	0.9	50	2	120-240	2	500	0.5	1000	50	100	Fig.1
2SD667-B	TO-92MOD	NPN	0.9	80	1	60-120	5	150	1	500	50	140	Fig.1
2SD667-C	TO-92MOD	NPN	0.9	80	1	100-200	5	150	1	500	50	140	Fig.1
2SD667-D	TO-92MOD	NPN	0.9	80	1	160-320	5	150	1	500	50	140	Fig.1
2SD667A-B	TO-92MOD	NPN	0.9	100	1	60-120	5	150	1	500	50	140	Fig.1
2SD667A-C	TO-92MOD	NPN	0.9	100	1	100-200	5	150	1	500	50	140	Fig.1
2SD667A-D	TO-92MOD	NPN	0.9	100	1	160-320	5	150	1	500	50	140	Fig.1
2SC2235-Y	TO-92MOD	NPN	0.9	120	0.8	120-240	5	100	1	5000	50	120	Fig.1
2SC2383-O	TO-92MOD	NPN	0.9	160	1	100-200	5	200	1	500	50	20	Fig.1
2SC2383-R	TO-92MOD	NPN	0.9	160	1	60-120	5	200	1	500	50	20	Fig.1
2SC2383-Y	TO-92MOD	NPN	0.9	160	1	160-320	5	200	1	500	50	20	Fig.1
2SC2482-Y	TO-92MOD	NPN	0.9	300	0.1	90-150	10	20	1	10	1	50	Fig.1

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
2SC4115S-Q	TO-92S	NPN	0.3	20	3	120-270	2	100	0.5	2000	100	200	Fig.1
2SC4115S-R	TO-92S	NPN	0.3	20	3	180-390	2	100	0.5	2000	100	200	Fig.1
2SC4115S-S	TO-92S	NPN	0.3	20	3	270-560	2	100	0.5	2000	100	200	Fig.1
2SC2668-O	TO-92S	NPN	0.2	30	0.02	70-140	6	1	-	-	-	550	Fig.1
2SC2668-R	TO-92S	NPN	0.2	30	0.02	40-80	6	1	-	-	-	550	Fig.1
2SC2668-Y	TO-92S	NPN	0.2	30	0.02	100-200	6	1	-	-	-	550	Fig.1
2SC1741S-Q	TO-92S	NPN	0.2	32	0.5	120-270	3	100	0.4	500	50	250	Fig.1
2SC1740S-Q	TO-92S	NPN	0.3	50	0.15	120-270	2	100	0.4	2000	100	100	Fig.1
2SC1740S-R	TO-92S	NPN	0.3	50	0.15	180-390	2	100	0.4	2000	100	100	Fig.1
2SC1740S-S	TO-92S	NPN	0.3	50	0.15	270-560	2	100	0.4	2000	100	100	Fig.1
2SC2458-GR	TO-92S	NPN	0.2	50	0.15	200-400	6	2	0.25	100	10	80	Fig.1
2SC2458-Y	TO-92S	NPN	0.2	50	0.15	120-240	6	2	0.25	100	10	80	Fig.1
KTC3199-BL	TO-92S	NPN	0.4	50	0.15	300-700	6	2	0.1	100	10	80	Fig.1
KTC3199-GR	TO-92S	NPN	0.4	50	0.15	200-400	6	2	0.1	100	10	80	Fig.1
KTC3199-O	TO-92S	NPN	0.4	50	0.15	70-140	6	2	0.1	100	10	80	Fig.1
KTC3199-Y	TO-92S	NPN	0.4	50	0.15	120-240	6	2	0.1	100	10	80	Fig.1
MCP718	DFN2020-3	PNP	1	-20	-6	300	-2	-10	-0.22	-1000	-20	150	Fig.2
2SB1412-P	DPAK	PNP	1	-30	-5	82-180	-2	-500	-1	-4000	-100	120	Fig.2
2SB1412-Q	DPAK	PNP	1	-30	-5	120-270	-2	-500	-1	-4000	-100	120	Fig.2
2SB1412-R	DPAK	PNP	1	-30	-5	180-390	-2	-500	-1	-4000	-100	120	Fig.2
B772-GR	DPAK	PNP	1.25	-30	-3	200-400	-2	-1000	-0.5	-2000	-200	50	Fig.2
B772-O	DPAK	PNP	1.25	-30	-3	100-200	-2	-1000	-0.5	-2000	-200	50	Fig.2
B772-R	DPAK	PNP	1.25	-30	-3	60-120	-2	-1000	-0.5	-2000	-200	50	Fig.2
B772-Y	DPAK	PNP	1.25	-30	-3	160-320	-2	-1000	-0.5	-2000	-200	50	Fig.2
2SB1182-P	DPAK	PNP	1.5	-32	-2	82-180	-3	-500	-0.8	-2000	-200	100	Fig.2
2SB1182-Q	DPAK	PNP	1.5	-32	-2	120-270	-3	-500	-0.8	-2000	-200	100	Fig.2
2SB1182-R	DPAK	PNP	1.5	-32	-2	180-390	-3	-500	-0.8	-2000	-200	100	Fig.2
2SB1184-P	DPAK	PNP	1	-50	-3	82-180	-3	-500	-1	-2000	-200	70	Fig.2
2SB1184-Q	DPAK	PNP	1	-50	-3	120-270	-3	-500	-1	-2000	-200	70	Fig.2
2SB1184-R	DPAK	PNP	1	-50	-3	180-390	-3	-500	-1	-2000	-200	70	Fig.2
2SA1952	DPAK	PNP	1	-60	-5	120-270	-2	-1000	-0.3	-3000	-150	80	Fig.2
2SB1261	DPAK	PNP	1	-60	-3	100-200	-2	-600	-0.3	-1500	-150	50	Fig.2
MMJD2955	DPAK	PNP	1.25	-60	-10	20-100	-4	-4000	-1.1	-4000	-400	2	Fig.2
MJD32C	DPAK	PNP	1.25	-100	-3	10-50	-4	-3000	-1.2	-3000	-375	3	Fig.2
MJD42C	DPAK	PNP	1.25	-100	-6	15-75	-4	-3000	-1.5	-6000	-600	3	Fig.2
2SB1073-Q	SOT-89	PNP	1	-20	-4	120-205	-2	-2000	-1	-3000	-100	120	Fig.2
2SB1073-R	SOT-89	PNP	1	-20	-4	180-315	-2	-2000	-1	-3000	-100	120	Fig.2
2SB1308-P	SOT-89	PNP	0.5	-20	-3	82-180	-2	-500	-0.45	-1500	-150	50	Fig.2
2SB1308-Q	SOT-89	PNP	0.5	-20	-3	120-270	-2	-500	-0.45	-1500	-150	50	Fig.2
2SB1308-R	SOT-89	PNP	0.5	-20	-3	180-390	-2	-500	-0.45	-1500	-150	50	Fig.2
2SB1386-Q	SOT-89	PNP	0.5	-20	-5	120-270	-2	-500	-1	-4000	-100	120	Fig.2
2SB1386-R	SOT-89	PNP	0.5	-20	-5	180-390	-2	-500	-1	-4000	-100	120	Fig.2
BC869	SOT-89	PNP	0.5	-20	-1	100-375	-1	-500	-0.5	-1000	-100	40	Fig.2
BC869-16	SOT-89	PNP	0.5	-20	-1	100-250	-1	-500	-0.5	-1000	-100	40	Fig.2

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
BC869-25	SOT-89	PNP	0.5	-20	-1	160-375	-1	-500	-0.5	-1000	-100	40	Fig.2
PXT8550-B	SOT-89	PNP	0.5	-25	1.5	85-160	-1	-100	-0.5	-800	-80	100	Fig.2
PXT8550-C	SOT-89	PNP	0.5	-25	1.5	120-200	-1	-100	-0.5	-800	-80	100	Fig.2
PXT8550-D	SOT-89	PNP	0.5	-25	1.5	160-300	-1	-100	-0.5	-800	-80	100	Fig.2
PXT8550-D3	SOT-89	PNP	0.5	-25	1.5	300-400	-1	-100	-0.5	-800	-80	100	Fig.2
BD772-GR	SOT-89	PNP	0.5	-30	3	200-400	-2	-1000	-0.5	-2000	-200	80	Fig.2
BD772-O	SOT-89	PNP	0.5	-30	3	100-200	-2	-1000	-0.5	-2000	-200	80	Fig.2
BD772-R	SOT-89	PNP	0.5	-30	3	60-120	-2	-1000	-0.5	-2000	-200	80	Fig.2
BD772-Y	SOT-89	PNP	0.5	-30	3	160-320	-2	-1000	-0.5	-2000	-200	80	Fig.2
KTA1664-O	SOT-89	PNP	0.5	-30	-0.8	100-200	-2	-1000	-0.7	-500	-20	120	Fig.2
KTA1664-Y	SOT-89	PNP	0.5	-30	-0.8	180-390	-2	-1000	-0.7	-500	-20	120	Fig.2
2SB1132-Q	SOT-89	PNP	0.5	-32	-1	120-270	-3	-100	-0.5	-500	-50	150	Fig.2
2SB1132-R	SOT-89	PNP	0.5	-32	-1	180-390	-3	-100	-0.5	-500	-50	150	Fig.2
2SB1188-P	SOT-89	PNP	0.5	-32	-2	82-180	-3	-500	-0.8	-2000	-200	80	Fig.2
2SB1188-Q	SOT-89	PNP	0.5	-32	-2	120-270	-3	-500	-0.8	-2000	-200	80	Fig.2
2SB1188-R	SOT-89	PNP	0.5	-32	-2	180-390	-3	-500	-0.8	-2000	-200	80	Fig.2
PXT3906	SOT-89	PNP	0.5	-40	-0.2	100-300	-1	-10	-0.25	-10	-1	250	Fig.2
BCX51	SOT-89	PNP	0.5	-45	-1	63-250	-2	-150	-0.5	-500	-50	50	Fig.2
BCX51-10	SOT-89	PNP	0.5	-45	-1	63-160	-2	-150	-0.5	-500	-50	50	Fig.2
BCX51-16	SOT-89	PNP	0.5	-45	-1	100-250	-2	-150	-0.5	-500	-50	50	Fig.2
2SA1213-O	SOT-89	PNP	0.5	-50	-2	70-140	2	500	-0.5	1000	50	120	Fig.2
2SA1213-Y	SOT-89	PNP	0.5	-50	-2	120-240	2	500	-0.5	1000	50	120	Fig.2
2SA1797-Q	SOT-89	PNP	0.5	-50	-2	120-270	-2	-500	-0.35	-1000	-50	200	Fig.2
2SB1140-R	SOT-89	PNP	0.5	-50	-2	120-240	-2	-200	-0.3	-1000	-50	80	Fig.2
2SB1140-S	SOT-89	PNP	0.5	-50	-2	170-340	-2	-200	-0.3	-1000	-50	80	Fig.2
BCX52	SOT-89	PNP	0.5	-60	-1	63-250	-2	-150	-0.5	-500	-50	50	Fig.2
BCX52-10	SOT-89	PNP	0.5	-60	-1	63-160	-2	-150	-0.5	-500	-50	50	Fig.2
BCX52-16	SOT-89	PNP	0.5	-60	-1	100-250	-2	-150	-0.5	-500	-50	50	Fig.2
PXT2907A	SOT-89	PNP	0.5	-60	0.6	100-300	-10	-150	-0.4	-150	-15	200	Fig.2
2SB1260-P	SOT-89	PNP	0.5	-80	-1	82-180	-3	-100	-0.4	-500	-50	80	Fig.2
2SB1260-Q	SOT-89	PNP	0.5	-80	-1	120-270	-3	-100	-0.4	-500	-50	80	Fig.2
2SB1260-R	SOT-89	PNP	0.5	-80	-1	180-390	-3	-100	-0.4	-500	-50	80	Fig.2
BCX53	SOT-89	PNP	0.5	-80	-1	63-250	-2	-150	-0.5	-500	-50	50	Fig.2
BCX53-10	SOT-89	PNP	0.5	-80	-1	63-160	-2	-150	-0.5	-500	-50	50	Fig.2
BCX53-16	SOT-89	PNP	0.5	-80	-1	100-250	-2	-150	-0.5	-500	-50	50	Fig.2
BSR33	SOT-89	PNP	0.5	-80	-1	100-300	-5	-100	-0.5	-500	-50	100	Fig.2
HM4033	SOT-89	PNP	0.5	-80	-1	75	-5	-100	-0.15	-150	-15	100	Fig.2
2SA1201-O	SOT-89	PNP	0.5	-120	-0.8	80-160	-5	-100	-1	-500	-50	120	Fig.2
2SA1201-Y	SOT-89	PNP	0.5	-120	-0.8	120-240	-5	-100	-1	-500	-50	120	Fig.2
CXT5401	SOT-89	PNP	0.5	-150	-0.5	50	-5	-1	-0.2	-10	-1	100	Fig.2
PXTA94	SOT-89	PNP	0.5	-400	-0.2	80-300	-10	-10	-0.2	-10	-1	50	Fig.2
TIP42	TO-220	PNP	2	-40	-6	30	-4	-300	-1.5	-6000	-600	3	Fig.2
TIP42A	TO-220	PNP	2	-60	-6	30	-4	-300	-1.5	-6000	-600	3	Fig.2
TIP42B	TO-220	PNP	2	-80	-6	30	-4	-300	-1.5	-6000	-600	3	Fig.2

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
TIP42C	TO-220	PNP	2	-100	-6	30	-4	-300	-1.5	-6000	-600	3	Fig.2
BD434	TO-126	PNP	1.25	-22	-4	85	-1	-500	-0.5	-2000	-200	3	Fig.2
2SB772-GR	TO-126	PNP	1.25	-30	-3	200-400	-2	-1000	-0.5	-2000	-200	50	Fig.2
2SB772-O	TO-126	PNP	1.25	-30	-3	100-200	-2	-1000	-0.5	-2000	-200	50	Fig.2
2SB772-R	TO-126	PNP	1.25	-30	-3	60-120	-2	-1000	-0.5	-2000	-200	50	Fig.2
2SB772-Y	TO-126	PNP	1.25	-30	-3	160-320	-2	-1000	-0.5	-2000	-200	50	Fig.2
BD436	TO-126	PNP	1.25	-32	-4	85	-1	-500	-0.5	-2000	-200	3	Fig.2
BD136-10	TO-126	PNP	1.25	-45	-1.5	63-160	-2	-0.15	-0.5	-500	-50	-	Fig.2
BD136-16	TO-126	PNP	1.25	-45	-1.5	100-250	-2	-0.15	-0.5	-500	-50	-	Fig.2
BD136-6	TO-126	PNP	1.25	-45	-1.5	40-100	-2	-0.15	-0.5	-500	-50	-	Fig.2
BD438	TO-126	PNP	1.25	-45	-4	85	-1	-500	-0.6	-2000	-200	3	Fig.2
2SB1151-G	TO-126	PNP	1.25	-60	-5	200-400	-1	-2000	-0.3	-2000	-200	-	Fig.2
2SB1151-O	TO-126	PNP	1.25	-60	-5	100-200	-1	-2000	-0.3	-2000	-200	-	Fig.2
2SB1151-Y	TO-126	PNP	1.25	-60	-5	160-320	-1	-2000	-0.3	-2000	-200	-	Fig.2
BD138-10	TO-126	PNP	1.25	-60	-1.5	63-160	-2	-0.15	-0.5	-500	-50	-	Fig.2
BD138-16	TO-126	PNP	1.25	-60	-1.5	100-250	-2	-0.15	-0.5	-500	-50	-	Fig.2
BD138-6	TO-126	PNP	1.25	-60	-1.5	40-100	-2	-0.15	-0.5	-500	-50	-	Fig.2
2N6036	TO-126	PNP	40	-80	-4	500	-3	-500	-2	-2000	-8	-	Fig.2
BD140-10	TO-126	PNP	1.25	-80	-1.5	63-160	-2	-0.15	-0.5	-500	-50	-	Fig.2
BD140-16	TO-126	PNP	1.25	-80	-1.5	100-250	-2	-0.15	-0.5	-500	-50	-	Fig.2
BD140-6	TO-126	PNP	1.25	-80	-1.5	40-100	-2	-0.15	-0.5	-500	-50	-	Fig.2
TIP30	TO-220	PNP	30	-40	-1	40	-4	-200	-0.7	-1000	-125	3	Fig.2
TIP32	TO-220	PNP	2	-40	-3	25	-4	-1000	-1.2	-3000	-375	3	Fig.2
2SB857-B	TO-220	PNP	2	-50	-4	60-120	-4	-1000	-1	2000	200	15	Fig.2
2SB857-C	TO-220	PNP	2	-50	-4	100-200	-4	-1000	-1	2000	200	15	Fig.2
2SB857-D	TO-220	PNP	2	-50	-4	160-320	-4	-1000	-1	2000	200	15	Fig.2
MJE2955	TO-220	PNP	2	-60	10	20-100	-4	-4000	-1.1	-4000	-400	2	Fig.2
TIP30A	TO-220	PNP	30	-60	-1	40	-4	-200	-0.7	-1000	-125	3	Fig.2
TIP32A	TO-220	PNP	2	-60	-3	25	-4	-1000	-1.2	-3000	-375	3	Fig.2
2N6107	TO-220	PNP	40	-70	-7	30-150	-4	-2000	-3.5	-7000	-3000	10	Fig.2
TIP30B	TO-220	PNP	30	-80	-1	40	-4	-200	-0.7	-1000	-125	3	Fig.2
TIP32B	TO-220	PNP	2	-80	-3	25	-4	-1000	-1.2	-3000	-375	3	Fig.2
TIP30C	TO-220	PNP	30	-100	-1	40	-4	-200	-0.7	-1000	-125	3	Fig.2
TIP32C	TO-220	PNP	2	-100	-3	25	-4	-1000	-1.2	-3000	-375	3	Fig.2
2SB861-B	TO-220	PNP	1.8	-150	-2	60-120	-4	-50	-3	-500	-50	-	Fig.2
2SB861-C	TO-220	PNP	1.8	-150	-2	100-200	-4	-50	-3	-500	-50	-	Fig.2
2SA1012	TO-220AB	PNP	25	-50	-5	70-240	-1	-1000	-0.4	-3000	-150	60	Fig.2
2SB1366F-O	TO-220F	PNP	2	-60	-3	60-120	-5	-500	-1	-2000	-200	9	Fig.2
2SB1366F-Y	TO-220F	PNP	2	-60	-3	100-200	-5	-500	-1	-2000	-200	9	Fig.2
BC369	TO-92	PNP	0.625	-20	-1	375	-1	-500	-0.5	-1000	-100	65	Fig.2
2SB562-B	TO-92L	PNP	0.9	-20	-1	85-170	2	500	-0.5	-800	-80	350	Fig.2
2SB562-C	TO-92L	PNP	0.9	-20	-1	120-240	2	500	-0.5	-800	-80	350	Fig.2
2SA1585S-Q	TO-92S	PNP	0.4	-20	-2	120-170	-2	-100	-0.82	-2000	-100	200	Fig.2
2SA1585S-R	TO-92S	PNP	0.4	-20	-2	180-390	-2	-100	-0.82	-2000	-100	200	Fig.2

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
8550SS-C	TO-92	PNP	1	-25	-1.5	120-200	-1	-100	-0.5	-800	-80	100	Fig.2
8550SS-D	TO-92	PNP	1	-25	-1.5	160-300	-1	-100	-0.5	-800	-80	100	Fig.2
BC328-16	TO-92	PNP	0.625	-25	-0.8	100-250	-1	-100	-0.7	-500	-50	260	Fig.2
BC328-25	TO-92	PNP	0.625	-25	-0.8	160-400	-1	-100	-0.7	-500	-50	260	Fig.2
BC328-40	TO-92	PNP	0.625	-25	-0.8	250-630	-1	-100	-0.7	-500	-50	260	Fig.2
M8550-B	TO-92	PNP	0.625	-25	0.8	80-160	-1	-100	-0.5	-800	-80	150	Fig.2
M8550-C	TO-92	PNP	0.625	-25	0.8	120-200	-1	-100	-0.5	-800	-80	150	Fig.2
M8550-D	TO-92	PNP	0.625	-25	0.8	160-300	-1	-100	-0.5	-800	-80	150	Fig.2
MPS3702	TO-92	PNP	0.625	-25	-0.8	60-300	-5	-50	-0.25	-50	-5	100	Fig.2
S8550-B	TO-92	PNP	0.625	-25	-0.5	85-150	-1	-50	-0.6	-500	-50	100	Fig.2
S8550-C	TO-92	PNP	0.625	-25	-0.5	120-200	-1	-50	-0.6	-500	-50	100	Fig.2
S8550-D	TO-92	PNP	0.625	-25	-0.5	160-300	-1	-50	-0.6	-500	-50	100	Fig.2
S9012-G	TO-92	PNP	0.625	-25	-0.5	112-166	-4	-1	-0.6	-500	-50	150	Fig.2
S9012-H	TO-92	PNP	0.625	-25	-0.5	144-202	-4	-1	-0.6	-500	-50	150	Fig.2
S9012-I	TO-92	PNP	0.625	-25	-0.5	190-300	-4	-1	-0.6	-500	-50	150	Fig.2
SS8550-C	TO-92	PNP	1	-25	-1.5	120-200	-1	-100	-0.8	-800	-80	190	Fig.2
SS8550-D	TO-92	PNP	1	-25	-1.5	160-300	-1	-100	-0.8	-800	-80	190	Fig.2
2SA562-O	TO-92	PNP	0.5	-30	-0.5	70-140	-1	-100	-0.25	-100	-10	200	Fig.2
2SA562-Y	TO-92	PNP	0.5	-30	-0.5	120-240	-1	-100	-0.25	-100	-10	200	Fig.2
2SA950-O	TO-92	PNP	0.6	-30	-0.8	100-200	-1	-100	0.7	-500	-20	120	Fig.2
2SA950-Y	TO-92	PNP	0.6	-30	-0.8	160-320	-1	-100	0.7	-500	-20	120	Fig.2
BC558A	TO-92	PNP	0.625	-30	-0.1	120-220	-5	-2	-0.3	-10	-0.5	150	Fig.2
BC558B	TO-92	PNP	0.625	-30	-0.1	180-460	-5	-2	-0.3	-10	-0.5	150	Fig.2
BC558C	TO-92	PNP	0.625	-30	-0.1	420-800	-5	-2	-0.3	-10	-0.5	150	Fig.2
KTA1270-O	TO-92	PNP	0.5	-30	-0.5	70-140	-1	-100	-0.25	-100	-10	200	Fig.2
KTA1270-Y	TO-92	PNP	0.5	-30	-0.5	120-240	-1	-100	-0.25	-100	-10	200	Fig.2
MPSW51	TO-92	PNP	0.625	-30	-1	55	-1	-10	-0.7	-1000	-100	50	Fig.2
2N3906	TO-92	PNP	0.6	-40	0.2	100-300	-1	-10	-0.25	-10	-1	250	Fig.2
2N4403	TO-92	PNP	0.625	-40	0.6	100	-1	-10	-0.4	-150	-15	200	Fig.2
MPS2907	TO-92	PNP	0.625	-40	-0.6	60	-10	-1	-0.6	-500	-50	300	Fig.2
MPS2907-H	TO-92	PNP	0.625	-40	-0.6	200-300	-10	-1	-0.6	-500	-50	300	Fig.2
MPS2907-L	TO-92	PNP	0.625	-40	-0.6	100-200	-10	-1	-0.6	-500	-50	300	Fig.2
MPSW51A	TO-92	PNP	0.625	-40	-1	50	-1	-1000	-0.7	-1000	-100	50	Fig.2
MPSW51AM	TO-92MOD	PNP	1	-40	-1	55	-1	-10	-0.7	-1000	-100	50	Fig.2
BC327-16	TO-92	PNP	0.625	-45	-0.8	100-250	-1	-100	-0.7	-500	-50	260	Fig.2
BC327-25	TO-92	PNP	0.625	-45	-0.8	160-400	-1	-100	-0.7	-500	-50	260	Fig.2
BC327-40	TO-92	PNP	0.625	-45	-0.8	250-630	-1	-100	-0.7	-500	-50	260	Fig.2
BC557A	TO-92	PNP	0.625	-45	-0.1	120-200	-5	-2	-0.3	-10	-0.5	150	Fig.2
BC557B	TO-92	PNP	0.625	-45	-0.1	180-460	-5	-2	-0.3	-10	-0.5	150	Fig.2
BC557C	TO-92	PNP	0.625	-45	-0.1	420-800	-5	-2	-0.3	-10	-0.5	150	Fig.2
BC636-10	TO-92	PNP	0.83	-45	-1	63-160	-2	-150	-0.5	-500	-50	100	Fig.2
BC636-16	TO-92	PNP	0.83	-45	-1	100-250	-2	-150	-0.5	-500	-50	100	Fig.2
S9015-B	TO-92	PNP	0.45	-45	-0.1	100-300	-5	-1	-0.3	-100	-10	150	Fig.2
S9015-C	TO-92	PNP	0.45	-45	-0.1	200-600	-5	-1	-0.3	-100	-10	150	Fig.2

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
S9015-D	TO-92	PNP	0.45	-45	-0.1	400-1000	-5	-1	-0.3	-100	-10	150	Fig.2
2SA1015-GR	TO-92	PNP	0.4	-50	-0.15	200-400	-6	-2	-0.3	-100	-10	80	Fig.2
2SA1015-O	TO-92	PNP	0.4	-50	-0.15	70-140	-6	-2	-0.3	-100	-10	80	Fig.2
2SA1015-Y	TO-92	PNP	0.4	-50	-0.15	120-240	-6	-2	-0.3	-100	-10	80	Fig.2
2SA1980-G	TO-92	PNP	0.625	-50	-0.15	200-400	-6	-2000	-0.3	-100	-10	80	Fig.2
2SA1980-L	TO-92	PNP	0.625	-50	-0.15	300-700	-6	-2000	-0.3	-100	-10	80	Fig.2
2SA1980-O	TO-92	PNP	0.625	-50	-0.15	70-140	-6	-2000	-0.3	-100	-10	80	Fig.2
2SA1980-Y	TO-92	PNP	0.625	-50	-0.15	120-240	-6	-2000	-0.3	-100	-10	80	Fig.2
2SA733-K	TO-92	PNP	0.25	-50	0.1	300-600	-6	-1	-0.3	-100	-10	100	Fig.2
2SA733-P	TO-92	PNP	0.25	-50	0.1	200-400	-6	-1	-0.3	-100	-10	100	Fig.2
2SA733-Q	TO-92	PNP	0.25	-50	0.1	135-270	-6	-1	-0.3	-100	-10	100	Fig.2
2SA733-R	TO-92	PNP	0.25	-50	0.1	90-180	-6	-1	-0.3	-100	-10	100	Fig.2
2SA1020L-O	TO-92L	PNP	0.9	-50	-2	70-140	-2	-500	-0.5	-1000	-50	100	Fig.2
2SA684	TO-92L	PNP	0.75	-50	-1	85-340	-10	-500	-0.2	-500	-50	200	Fig.2
KTA1281-O	TO-92L	PNP	1	-50	-2	70-140	-2	-500	-0.5	-1000	-50	100	Fig.2
KTA1281-Y	TO-92L	PNP	1	-50	-2	120-240	-2	-500	-0.5	-1000	-50	100	Fig.2
2SA1020-O	TO-92MOD	PNP	0.9	-50	-2	70-140	-2	-500	-0.5	-1000	-50	100	Fig.2
2SA1048-GR	TO-92S	PNP	0.2	-50	0.15	200-400	-6	-2	-0.3	-100	-10	80	Fig.2
2SA1048-Y	TO-92S	PNP	0.2	-50	0.15	120-240	-6	-2	-0.3	-100	-10	80	Fig.2
2SA933AS-Q	TO-92S	PNP	0.2	-50	-0.15	120-270	-2	-100	-0.5	-2000	-100	120	Fig.2
2SA933AS-R	TO-92S	PNP	0.2	-50	-0.15	180-390	-2	-100	-0.5	-2000	-100	120	Fig.2
2SA933AS-S	TO-92S	PNP	0.2	-50	-0.15	270-560	-2	-100	-0.5	-2000	-100	120	Fig.2
KTA1267-GR	TO-92S	PNP	0.4	-50	-0.15	200-400	-6	-2	-0.3	-100	-10	80	Fig.2
KTA1267-O	TO-92S	PNP	0.4	-50	-0.15	70-140	-6	-2	-0.3	-100	-10	80	Fig.2
KTA1267-Y	TO-92S	PNP	0.4	-50	-0.15	120-240	-6	-2	-0.3	-100	-10	80	Fig.2
2SA844-C	TO-92	PNP	0.3	-55	-0.1	160-320	-12	-2	-0.5	-10	-1	200	Fig.2
2SA844-D	TO-92	PNP	0.3	-55	-0.1	250-500	-12	-2	-0.5	-10	-1	200	Fig.2
2SA844-E	TO-92	PNP	0.3	-55	-0.1	400-800	-12	-2	-0.5	-10	-1	200	Fig.2
2SA1083-D	TO-92	PNP	0.4	-60	-0.1	250-500	-12	-2	-0.2	-10	-1	90	Fig.2
2SA1083-E	TO-92	PNP	0.4	-60	-0.1	400-800	-12	-2	-0.2	-10	-1	90	Fig.2
BC638	TO-92	PNP	0.83	-60	-1	100-250	-2	-150	-0.5	-500	-50	100	Fig.2
MPS2907A	TO-92	PNP	0.625	-60	-0.6	60	-10	-1	-0.6	-500	-50	200	Fig.2
MPS2907A-H	TO-92	PNP	0.625	-60	-0.6	200-300	-10	-1	-0.6	-500	-50	200	Fig.2
MPS2907A-L	TO-92	PNP	0.625	-60	-0.6	100-200	-10	-1	-0.6	-500	-50	200	Fig.2
MPS751	TO-92	PNP	0.625	-60	-2	75	-2	-500	-0.5	-2000	-200	75	Fig.2
MPSA05	TO-92	PNP	0.625	-60	-0.5	100	-1	-10	-0.25	-100	-10	100	Fig.2
PN2907A	TO-92	PNP	0.6	-60	-0.6	100-300	-10	-10	-0.4	-150	-15	200	Fig.2
BC556A	TO-92	PNP	0.625	-65	-0.1	120-220	-5	-2	-0.3	-10	-0.5	150	Fig.2
BC556B	TO-92	PNP	0.625	-65	-0.1	180-460	-5	-2	-0.3	-10	-0.5	150	Fig.2
BC556C	TO-92	PNP	0.625	-65	-0.1	420-800	-5	-2	-0.3	-10	-0.5	150	Fig.2
MPSA55	TO-92	PNP	0.625	-80	-0.5	100	-1	-10	-0.25	-100	-10	50	Fig.2
MPSA56	TO-92	PNP	0.625	-80	-0.5	100	-1	-10	-0.25	-100	-10	50	Fig.2
2SB647L-C	TO-92L	PNP	0.75	-80	-1	100-200	-5	-150	-1	-500	-50	140	Fig.2
2SB647L-D	TO-92L	PNP	0.75	-80	-1	160-320	-5	-150	-1	-500	-50	140	Fig.2

Medium Power Bipolar Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency	Internal Diagram
			P_C (W)	V_{CEO}(V)	I_C (A)	H_{FE}	V_{CE} (V)	I_C (mA)	V_{CE}(sat)(V)	I_C(mA)	I_B(mA)	f_T(MHz)	
2SB647-B	TO-92MOD	PNP	0.9	-80	-1	60-120	-5	-150	-1	-500	-50	140	Fig.2
2SB647-C	TO-92MOD	PNP	0.9	-80	-1	100-200	-5	-150	-1	-500	-50	140	Fig.2
2SB647-D	TO-92MOD	PNP	0.9	-80	-1	160-320	-5	-150	-1	-500	-50	140	Fig.2
BC640	TO-92	PNP	0.83	-100	-1	100-250	-2	-150	-0.5	-500	-50	100	Fig.2
2SA965-Y	TO-92MOD	PNP	0.9	-120	-0.8	120-240	-5	-100	-1	-5000	-50	120	Fig.2
2N5401	TO-92	PNP	0.625	-150	-0.6	60-300	-5	-10	-0.5	-50	-5	100	Fig.2
2SA1013-O	TO-92MOD	PNP	0.9	-160	-1	120-200	-5	-200	-1.5	-500	-50	15	Fig.2
2SA1013-R	TO-92MOD	PNP	0.9	-160	-1	60-120	-5	-200	-1.5	-500	-50	15	Fig.2
2SA1013-Y	TO-92MOD	PNP	0.9	-160	-1	200-300	-5	-200	-1.5	-500	-50	15	Fig.2
MPSA93	TO-92	PNP	0.625	-200	-0.5	25	-10	-1	-0.5	-20	-2	50	Fig.2
BF423	TO-92	PNP	0.83	-250	-0.1	50	-20	-25	-0.6	-30	-5	60	Fig.2
2N6519	TO-92	PNP	0.625	-300	-0.5	20	-10	-1	-0.3	-10	-1	40	Fig.2
BF421	TO-92	PNP	0.83	-300	-0.1	50	-20	-25	-0.6	-30	-5	60	Fig.2
MPSA92	TO-92	PNP	0.625	-300	-0.3	80-250	-10	-10	-0.5	-20	-2	50	Fig.2
2N6520	TO-92	PNP	0.625	-350	-0.5	15	-10	-100	-0.3	-10	-1	40	Fig.2
MPSA94	TO-92	PNP	0.625	-400	-0.2	80-300	-10	-10	-0.2	-10	-1	-	Fig.2
MJD112	DPAK	NPN*2	1	100	2	500	3	500	2	2000	8	25	Fig.8
MJD122	DPAK	NPN*2	1.5	100	8	1K-12K	4	4000	2	4000	16	-	Fig.8
TIP100	TO-220	NPN*2	80	60	8	1K-20K	4	3000	2	3000	6	-	Fig.8
TIP110	TO-220	NPN*2	2	60	2	1000	4	1000	2.5	2000	8	-	Fig.8
TIP120	TO-220	NPN*2	65	60	5	1000	3	500	2	3000	12	-	Fig.8
TIP101	TO-220	NPN*2	80	80	8	1K-20K	4	3000	2	3000	6	-	Fig.8
TIP111	TO-220	NPN*2	2	80	2	1000	4	1000	2.5	2000	8	-	Fig.8
TIP102	TO-220	NPN*2	80	100	8	1K-20K	4	3000	2	3000	6	-	Fig.8
TIP112	TO-220	NPN*2	2	100	2	1000	4	1000	2.5	2000	8	-	Fig.8
TIP122	TO-220	NPN*2	65	100	5	1000	3	500	2	3000	12	-	Fig.8
TIP122L	TO-220	NPN*2	2	100	5	1000	3	500	2	3000	12	-	Fig.8
TIP105	TO-220	PNP*2	80	-60	-8	1K-20K	-4	-3000	-2	-3000	-6	-	Fig.9
TIP115	TO-220	PNP*2	2	-60	-2	1000	-4	-1000	-2.5	-2000	-8	-	Fig.9
TIP125	TO-220	PNP*2	2	-60	-5	1000	-3	-500	-2	-3000	-12	-	Fig.9
TIP106	TO-220	PNP*2	80	-80	-8	1K-20K	-4	-3000	-2	-3000	-6	-	Fig.9
TIP116	TO-220	PNP*2	2	-80	-2	1000	-4	-1000	-2.5	-2000	-8	-	Fig.9
MJD127S	DPAK	PNP*2	1.5	-100	-8	1K-15K	-3	-500	-2	-3000	-12	3	Fig.9
MJD117	DPAK	PNP*2	1.75	-100	-2	1K-12K	-3	-2000	-2	-2000	-8	25	Fig.9
MJD127	DPAK	PNP*2	1.5	-100	-8	1K-12K	-4	-4000	-2	-4000	-16	-	Fig.9
TIP107	TO-220	PNP*2	80	-100	-8	1K-20K	-4	-3000	-2	-3000	-6	-	Fig.9
TIP117	TO-220	PNP*2	2	-100	-2	1000	-4	-1000	-2.5	-2000	-8	-	Fig.9
TIP127	TO-220	PNP*2	2	-100	-5	1000	-3	-500	-2	-3000	-12	-	Fig.9
TIP127L	TO-220	PNP*2	2	-100	-5	1000	-3	-50	-2	-3000	-12	-	Fig.9

Pre-biased Transistors

Part Number	Package	Polarity	Power Dissipation	Output current	Supply Voltage	DC Current Gain	Output Voltage	Input Resistance		Transition frequency	Internal Diagram
			P_D(mW)	I_O(mA)	V_{CC}(V)	G_i	V_O(V)	R_1(KΩ)	R_2(KΩ)	f_T(MHZ)	
DTC123JM	SOT-723	NPN	100	100	50	80	0.3	2.2	47	250	Fig.2
DTC143TM	SOT-723	NPN	100	100	50	600	0.3	4.7	∞	250	Fig.1
DTC143ZM	SOT-723	NPN	100	100	50	80	0.3	4.7	47	250	Fig.2
DTC144EM	SOT-723	NPN	100	100	50	68	0.3	47	47	250	Fig.2
DTC114EM	SOT-723	NPN	150	100	50	30	0.3	10	10	250	Fig.2
DTC114EE	SOT-523	NPN	150	100	50	30	0.3	10	10	250	Fig.2
DTC114TE	SOT-523	NPN	150	100	50	300	0.3	10	∞	250	Fig.1
DTC114YE	SOT-523	NPN	150	100	50	68	0.3	10	47	250	Fig.2
DTC123JE	SOT-523	NPN	150	100	50	80	0.3	2.2	47	250	Fig.2
DTC124EE	SOT-523	NPN	150	100	50	56	0.3	22	22	250	Fig.2
DTC143EE	SOT-523	NPN	150	100	50	20	0.3	4.7	4.7	250	Fig.2
DTC143TE	SOT-523	NPN	150	100	50	300	0.3	4.7	∞	250	Fig.1
DTC143ZE	SOT-523	NPN	150	100	50	80	0.3	4.7	47	250	Fig.2
DTC144EE	SOT-523	NPN	150	100	50	68	0.3	47	47	250	Fig.2
DTC144TE	SOT-523	NPN	150	100	50	300	0.3	47	∞	250	Fig.1
DTC113ZUA	SOT-323	NPN	200	100	50	33	0.3	1	10	250	Fig.2
DTC114EUA	SOT-323	NPN	200	100	50	30	0.3	10	10	250	Fig.2
DTC114TUA	SOT-323	NPN	200	100	50	300	0.3	10	∞	250	Fig.1
DTC114YUA	SOT-323	NPN	200	100	50	68	0.3	10	47	250	Fig.2
DTC123JUA	SOT-323	NPN	200	100	50	80	0.3	2.2	47	250	Fig.2
DTC123YUA	SOT-323	NPN	200	100	50	33	0.3	2.2	10	250	Fig.2
DTC124EUA	SOT-323	NPN	200	100	50	56	0.3	22	22	250	Fig.2
DTC143EUA	SOT-323	NPN	200	100	50	20	0.3	4.7	4.7	250	Fig.2
DTC143TUA	SOT-323	NPN	200	100	50	300	0.3	4.7	∞	250	Fig.1
DTC143XUA	SOT-323	NPN	200	100	50	30	0.3	4.7	10	250	Fig.2
DTC143ZUA	SOT-323	NPN	200	100	50	80	0.3	4.7	47	250	Fig.2
DTC144EUA	SOT-323	NPN	200	100	50	68	0.3	47	47	250	Fig.2
DTC144TUA	SOT-323	NPN	200	100	50	300	0.3	47	∞	250	Fig.1
DTC113ZCA	SOT-23	NPN	200	100	50	33	0.3	1	10	250	Fig.2
DTC114ECA	SOT-23	NPN	200	100	50	30	0.3	10	10	250	Fig.2
DTC114TCA	SOT-23	NPN	200	100	50	300	0.3	10	∞	250	Fig.1
DTC114YCA	SOT-23	NPN	200	100	50	68	0.3	10	47	250	Fig.2
DTC123ECA	SOT-23	NPN	200	100	50	20	0.3	2.2	2.2	250	Fig.2
DTC123JCA	SOT-23	NPN	200	100	50	80	0.3	2.2	47	250	Fig.2
DTC123YCA	SOT-23	NPN	200	100	50	33	0.3	2.2	10	250	Fig.2
DTC124ECA	SOT-23	NPN	200	100	50	56	0.3	22	22	250	Fig.2
DTC143ECA	SOT-23	NPN	200	100	50	20	0.3	4.7	4.7	250	Fig.2
DTC143TCA	SOT-23	NPN	200	100	50	600	0.3	4.7	∞	250	Fig.1
DTC143XCA	SOT-23	NPN	200	100	50	30	0.3	4.7	10	250	Fig.2
DTC143ZCA	SOT-23	NPN	200	100	50	80	0.3	4.7	47	250	Fig.2
DTC144ECA	SOT-23	NPN	200	100	50	68	0.3	47	47	250	Fig.2
DTC144TCA	SOT-23	NPN	200	100	50	300	0.3	47	∞	250	Fig.1
DTC114ESA	TO-92S	NPN	300	100	50	30	0.3	10	10	250	Fig.2
DTC124ESA	TO-92S	NPN	300	100	50	56	0.3	22	22	250	Fig.2

Pre-biased Transistors

Part Number	Package	Polarity	Power Dissipation	Output current	Supply Voltage	DC Current Gain	Output Voltage	Input Resistance		Transition frequency	Internal Diagram
			P_D(mW)	I_O(mA)	V_{CC}(V)	G_i	V_O(V)	R_1(KΩ)	R_2(KΩ)	f_T(MHZ)	
DTC143ESA	TO-92S	NPN	300	100	50	20	0.3	4.7	4.7	250	Fig.2
DTC144TSA	TO-92S	NPN	300	100	50	600	0.3	47	∞	250	Fig.1
DTA123JM	SOT-723	PNP	100	-100	-50	80	-0.3	2.2	47	250	Fig.4
DTA114EE	SOT-523	PNP	150	-100	-50	30	-0.3	10	10	250	Fig.4
DTA114TE	SOT-523	PNP	150	-100	-50	250	-0.3	10	∞	250	Fig.3
DTA123JE	SOT-523	PNP	150	-100	-50	80	-0.3	2.2	47	250	Fig.4
DTA124EE	SOT-523	PNP	150	-100	-50	56	-0.3	22	22	250	Fig.4
DTA143EE	SOT-523	PNP	150	-100	-50	30	-0.3	4.7	4.7	250	Fig.4
DTA143ZE	SOT-523	PNP	150	-100	-50	80	-0.3	4.7	47	250	Fig.4
DTA144EE	SOT-523	PNP	150	-100	-50	68	-0.3	47	47	250	Fig.4
DTA114EUA	SOT-323	PNP	200	-100	-50	30	-0.3	10	10	250	Fig.4
DTA114TUA	SOT-323	PNP	200	-100	-50	250	-0.3	10	∞	250	Fig.3
DTA114YUA	SOT-323	PNP	200	-100	-50	68	-0.3	10	47	250	Fig.4
DTA123JUA	SOT-323	PNP	200	-100	-50	80	-0.3	2.2	47	250	Fig.4
DTA123YUA	SOT-323	PNP	200	-100	-50	33	-0.3	2.2	10	250	Fig.4
DTA124EUA	SOT-323	PNP	200	-100	-50	56	-0.3	22	22	250	Fig.4
DTA143EUA	SOT-323	PNP	200	-100	-50	30	-0.3	4.7	4.7	250	Fig.4
DTA143XUA	SOT-323	PNP	200	-100	-50	30	-0.3	4.7	10	250	Fig.4
DTA143ZUA	SOT-323	PNP	200	-100	-50	80	-0.3	4.7	47	250	Fig.4
DTA144EUA	SOT-323	PNP	200	-100	-50	68	-0.3	47	47	250	Fig.4
DDTA123YCA	SOT-23	PNP	200	-500	-50	56	-0.3	2.2	10	200	Fig.4
DTA113ZCA	SOT-23	PNP	200	-100	-50	33	-0.3	1	10	250	Fig.4
DTA114ECA	SOT-23	PNP	200	-100	-50	30	-0.3	10	10	250	Fig.4
DTA114TCA	SOT-23	PNP	200	-100	-50	250	-0.3	10	∞	250	Fig.3
DTA114YCA	SOT-23	PNP	200	-100	-50	68	-0.3	10	47	250	Fig.4
DTA123JCA	SOT-23	PNP	200	-100	-50	80	-0.3	2.2	47	250	Fig.4
DTA123YCA	SOT-23	PNP	200	-100	-50	33	-0.3	2.2	10	250	Fig.4
DTA124ECA	SOT-23	PNP	200	-100	-50	56	-0.3	22	22	250	Fig.4
DTA143ECA	SOT-23	PNP	200	-100	-50	30	-0.3	4.7	4.7	250	Fig.4
DTA143XCA	SOT-23	PNP	200	-100	-50	30	-0.3	4.7	10	250	Fig.4
DTA143ZCA	SOT-23	PNP	200	-100	-50	80	-0.3	4.7	47	250	Fig.4
DTA144ECA	SOT-23	PNP	200	-100	-50	68	-0.3	47	47	250	Fig.4
DTA114ESA	TO-92S	PNP	300	-100	-50	30	-0.3	10	10	250	Fig.4
DTA144ESA	TO-92S	PNP	300	-100	-50	68	-0.3	47	47	250	Fig.4
EMH10	SOT-563	NPN*2	150	100	50	80	0.3	2.2	47	250	Fig.5
UMG2N	SOT-353	NPN*2	150	100	50	68	0.3	47	47	250	Fig.9
UMG3N	SOT-353	NPN*2	150	100	50	100	0.3	4.7	∞	250	Fig.7
UMG8N	SOT-353	NPN*2	150	100	50	80	0.3	4.7	47	250	Fig.9
UMH10N	SOT-363	NPN*2	150	100	50	80	0.3	2.2	47	250	Fig.5
UMH11N	SOT-363	NPN*2	150	100	50	30	0.3	10	10	250	Fig.5
UMH13N	SOT-363	NPN*2	150	100	50	80	0.3	4.7	47	250	Fig.5
UMH1N	SOT-363	NPN*2	150	100	50	56	0.3	22	22	250	Fig.5
UMH2N	SOT-363	NPN*2	150	100	50	68	0.3	47	47	250	Fig.5
UMH3N	SOT-363	NPN*2	150	100	50	600	0.3	4.7	∞	250	Fig.11

Pre-biased Transistors

Part Number	Package	Polarity	Power Dissipation	Output current	Supply Voltage	DC Current Gain	Output Voltage	Input Resistance		Transition frequency	Internal Diagram
			P_D(mW)	I_O(mA)	V_{CC}(V)	G_i	V_O(V)	R_1(KΩ)	R_2(KΩ)	f_T(MHZ)	
UMH9N	SOT-363	NPN*2	150	70	50	68	0.3	10	47	250	Fig.5
UMB4N	SOT-363	PNP*2	150	-100	-50	-100	-0.3	10	∞	250	Fig.13
UMC4N	SOT-353	NPN&PNP	150	100	50/-50	68	0.3/-0.3	47/10	47/47	250	Fig.8
UMC5N	SOT-353	NPN&PNP	150	100	50/-50	68	0.3/-0.3	47/4.7	47/10	250	Fig.8
UMD10N	SOT-363	NPN&PNP	150	100	50/-50	80	0.3/-0.3	2.2/2.2	47/47	250	Fig.6
UMD12N	SOT-363	NPN&PNP	150	100	50/-50	68	0.3/-0.3	47/47	47/47	250	Fig.6
UMD15N	SOT-363	NPN&PNP	150	100	50/-50	20	0.3/-0.3	47/4.7	47/4.7	250	Fig.6
UMD22N	SOT-363	NPN&PNP	150	100	50/-50	80	0.3/-0.3	4.7/4.7	47/47	250	Fig.6
UMD2N	SOT-363	NPN&PNP	150	100	50/-50	56	0.3/-0.3	22/22	22/22	250	Fig.6
UMD3N	SOT-363	NPN&PNP	150	100	50/-50	30	0.3/-0.3	10/10	10/10	250	Fig.6
UMD9N	SOT-363	NPN&PNP	150	100	50/-50	68	0.3/-0.3	10/47	10/47	250	Fig.6
UMF21N	SOT-363	NPN&PNP	150	100	50/-50	30	0.3	10	10	250	Fig.10
EMD22	SOT-563	NPN&PNP	150	100	50/-50	80	0.3/-0.3	4.7/4.7	47/47	250	Fig.6

Bipolar Transistors

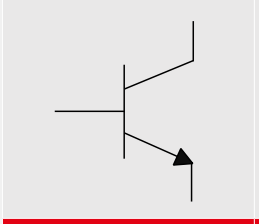


Fig.1

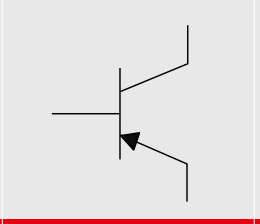


Fig.2

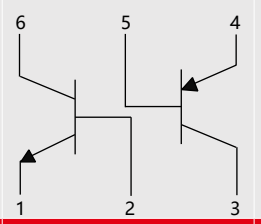


Fig.3

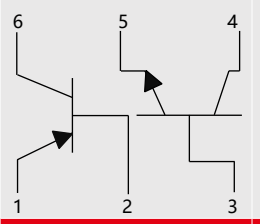


Fig.4

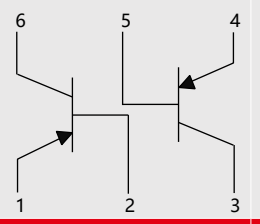


Fig.5

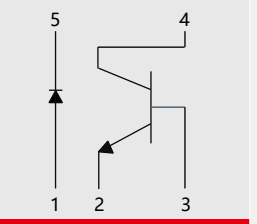


Fig.6

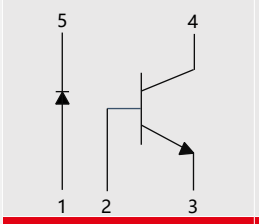


Fig.7

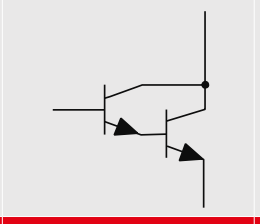


Fig.8

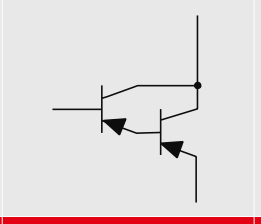


Fig.9

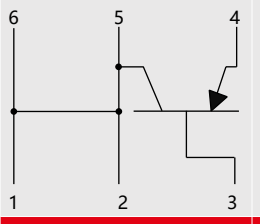


Fig.10

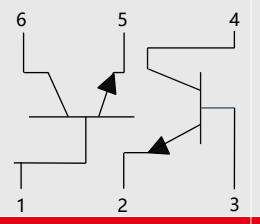


Fig.11

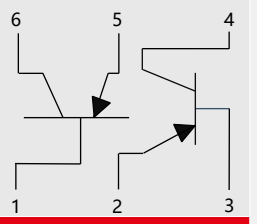


Fig.12

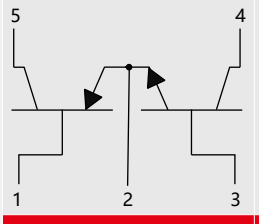


Fig.13

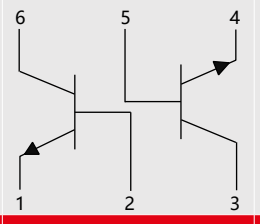


Fig.14

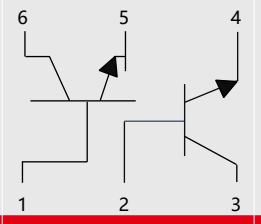


Fig.15

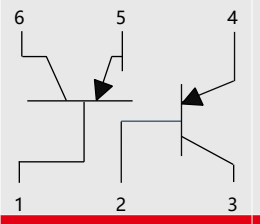


Fig.16

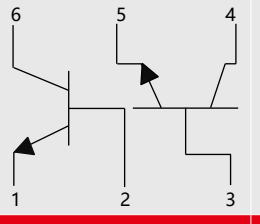


Fig.17

Pre-biased Transistors

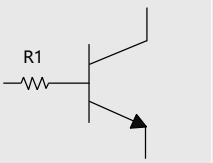


Fig.1

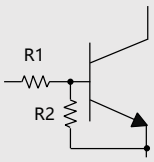


Fig.2

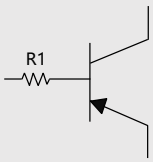


Fig.3

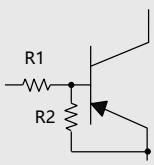


Fig.4

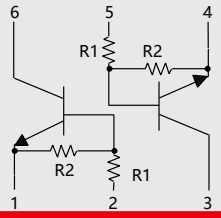


Fig.5

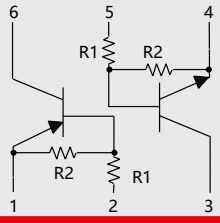


Fig.6

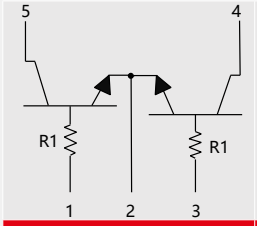


Fig.7

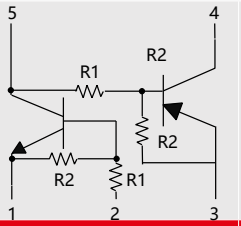


Fig.8

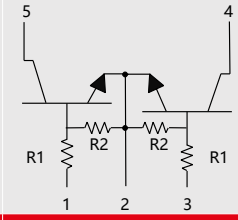


Fig.9

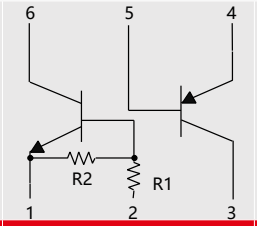


Fig.10

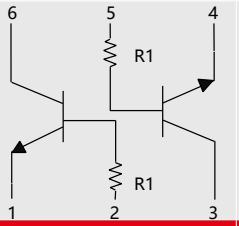


Fig.11

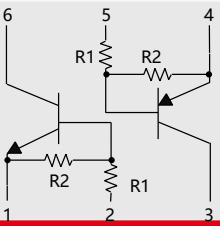


Fig.12

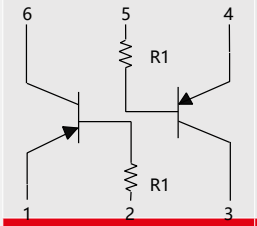


Fig.13

ESD and Power TVS

* Comprehensive portfolio of ESD with ultra low capacitance
* Power TVS from 3.3V~600V
* Auto grade power TVS

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMF5.0A	SMF5.0CA	SOD-123FL	200	5	400	9.2	21.7	6.4	7	10
SMF6.0A	SMF6.0CA	SOD-123FL	200	6	400	10.3	19.4	6.67	7.37	10
SMF6.5A	SMF6.5CA	SOD-123FL	200	6.5	250	11.2	17.9	7.22	7.98	10
SMF7.0A	SMF7.0CA	SOD-123FL	200	7	100	12	16.7	7.78	8.6	10
SMF7.5A	SMF7.5CA	SOD-123FL	200	7.5	50	12.9	15.5	8.33	9.21	1
SMF8.0A	SMF8.0CA	SOD-123FL	200	8	25	13.6	14.7	8.89	9.83	1
SMF8.5A	SMF8.5CA	SOD-123FL	200	8.5	10	14.4	13.9	9.44	10.4	1
SMF9.0A	SMF9.0CA	SOD-123FL	200	9	5	15.4	13	10	11.1	1
SMF10A	SMF10CA	SOD-123FL	200	10	2.5	17	11.8	11.1	12.3	1
SMF11A	SMF11CA	SOD-123FL	200	11	2.5	18.2	11	12.2	13.5	1
SMF12A	SMF12CA	SOD-123FL	200	12	2.5	19.9	10.1	13.3	14.7	1
SMF13A	SMF13CA	SOD-123FL	200	13	1	21.5	9.3	14.4	15.9	1
SMF14A	SMF14CA	SOD-123FL	200	14	1	23.2	8.6	15.6	17.2	1
SMF15A	SMF15CA	SOD-123FL	200	15	1	24.4	8.2	16.7	18.5	1
SMF16A	SMF16CA	SOD-123FL	200	16	1	26	7.7	17.8	19.7	1
SMF17A	SMF17CA	SOD-123FL	200	17	1	27.6	7.2	18.9	20.9	1
SMF18A	SMF18CA	SOD-123FL	200	18	1	29.2	6.8	20	22.1	1
SMF20A	SMF20CA	SOD-123FL	200	20	1	32.4	6.2	22.2	24.5	1
SMF22A	SMF22CA	SOD-123FL	200	22	1	35.5	5.6	24.4	26.9	1
SMF24A	SMF24CA	SOD-123FL	200	24	1	38.9	5.1	26.7	29.5	1
SMF26A	SMF26CA	SOD-123FL	200	26	1	42.1	4.8	28.9	31.9	1
SMF28A	SMF28CA	SOD-123FL	200	28	1	45.4	4.4	31.1	34.4	1
SMF30A	SMF30CA	SOD-123FL	200	30	1	48.4	4.1	33.3	36.8	1
SMF33A	SMF33CA	SOD-123FL	200	33	1	53.3	3.8	36.7	40.6	1
SMF36A	SMF36CA	SOD-123FL	200	36	1	58.1	3.4	40	44.2	1
SMF40A	SMF40CA	SOD-123FL	200	40	1	64.5	3.1	44.4	49.1	1
SMF43A	SMF43CA	SOD-123FL	200	43	1	69.4	2.9	47.8	52.8	1
SMF45A	SMF45CA	SOD-123FL	200	45	1	72.7	2.8	50	55.3	1
SMF48A	SMF48CA	SOD-123FL	200	48	1	77.4	2.6	53.3	58.9	1
SMF51A	SMF51CA	SOD-123FL	200	51	1	82.4	2.4	56.7	62.7	1
SMF54A	SMF54CA	SOD-123FL	200	54	1	87.1	2.3	60	66.3	1
SMF58A	SMF58CA	SOD-123FL	200	58	1	93.6	2.1	64.4	71.2	1
SMF60A	SMF60CA	SOD-123FL	200	60	1	96.8	1.8	66.7	73.7	1
SMF64A	SMF64CA	SOD-123FL	200	64	1	103	1.7	71.1	78.6	1
SMF70A	SMF70CA	SOD-123FL	200	70	1	113	1.5	77.8	86	1
SMF75A	SMF75CA	SOD-123FL	200	75	1	121	1.4	83.3	92.1	1
SMF78A	SMF78CA	SOD-123FL	200	78	1	126	1.4	86.7	95.8	1
SMF85A	SMF85CA	SOD-123FL	200	85	1	137	1.3	94.4	104	1
SMF90A	SMF90CA	SOD-123FL	200	90	1	146	1.2	100	111	1
SMF100A	SMF100CA	SOD-123FL	200	100	1	162	1.1	111	123	1
SMF110A	SMF110CA	SOD-123FL	200	110	1	177	1	122	135	1
SMF120A	SMF120CA	SOD-123FL	200	120	1	193	0.9	133	147	1
SMF130A	SMF130CA	SOD-123FL	200	130	1	209	0.8	144	159	1
SMF150A	SMF150CA	SOD-123FL	200	150	1	243	0.7	167	185	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMF160A	SMF160CA	SOD-123FL	200	160	1	259	0.7	178	197	1
SMF170A	SMF170CA	SOD-123FL	200	170	1	275	0.6	189	209	1
SMF350A	-	SOD-123FL	200	350	1	560	0.36	391	432	1
SM4F5.0A	-	SOD-123FL	400	5	800	9.2	43.5	6.4	7	10
SM4F6.0A	-	SOD-123FL	400	6	800	10.3	38.8	6.67	7.37	10
SM4F6.5A	-	SOD-123FL	400	6.5	500	11.2	35.7	7.22	7.98	10
SM4F7.0A	-	SOD-123FL	400	7	200	12	33.3	7.78	8.6	10
SM4F7.5A	-	SOD-123FL	400	7.5	100	12.9	31	8.33	9.21	1
SM4F8.0A	-	SOD-123FL	400	8	50	13.6	29.4	8.89	9.83	1
SM4F8.5A	-	SOD-123FL	400	8.5	20	14.4	27.7	9.44	10.4	1
SM4F9.0A	-	SOD-123FL	400	9	10	15.4	26	10	11.1	1
SM4F10A	-	SOD-123FL	400	10	5	17	23.5	11.1	12.3	1
SM4F11A	-	SOD-123FL	400	11	1	18.2	21.98	12.2	13.5	1
SM4F12A	-	SOD-123FL	400	12	1	19.9	20.1	13.3	14.7	1
SM4F13A	-	SOD-123FL	400	13	1	21.5	18.6	14.4	15.9	1
SM4F14A	-	SOD-123FL	400	14	1	23.2	17.24	15.6	17.2	1
SM4F15A	-	SOD-123FL	400	15	1	24.4	16.39	16.7	18.5	1
SM4F16A	-	SOD-123FL	400	16	1	26	15.38	17.8	19.7	1
SM4F17A	-	SOD-123FL	400	17	1	27.6	14.49	18.9	20.9	1
SM4F18A	-	SOD-123FL	400	18	1	29.2	13.7	20	22.1	1
SM4F19A	-	SOD-123FL	400	19	1	30.8	13	21.1	23.3	1
SM4F20A	-	SOD-123FL	400	20	1	32.4	12.35	22.2	24.5	1
SM4F22A	-	SOD-123FL	400	22	1	35.5	11.27	24.4	26.9	1
SM4F24A	-	SOD-123FL	400	24	1	38.9	10.28	26.7	29.5	1
SM4F26A	-	SOD-123FL	400	26	1	42.1	9.5	28.9	31.9	1
SM4F28A	-	SOD-123FL	400	28	1	45.4	8.81	31.1	34.4	1
SM4F30A	-	SOD-123FL	400	30	1	48.4	8.26	33.3	36.8	1
SM4F33A	-	SOD-123FL	400	33	1	53.3	7.5	36.7	40.6	1
SM4F36A	-	SOD-123FL	400	36	1	58.1	6.88	40	44.2	1
SM4F40A	-	SOD-123FL	400	40	1	64.5	6.2	44.4	49.1	1
SM4F43A	-	SOD-123FL	400	43	1	69.4	5.7	47.8	52.8	1
SM4F45A	-	SOD-123FL	400	45	1	72.7	5.5	50	55.3	1
SM4F48A	-	SOD-123FL	400	48	1	77.4	5.2	53.3	58.9	1
SM4F51A	-	SOD-123FL	400	51	1	82.4	4.9	56.7	62.7	1
SM4F54A	-	SOD-123FL	400	54	1	87.1	4.6	60	66.3	1
SM4F58A	-	SOD-123FL	400	58	1	93.6	4.3	64.4	71.2	1
SM4F60A	-	SOD-123FL	400	60	1	96.8	4.1	66.7	73.7	1
SM4F64A	-	SOD-123FL	400	64	1	103	3.9	71.1	78.6	1
SM4F70A	-	SOD-123FL	400	70	1	113	3.5	77.8	86	1
SM4F75A	-	SOD-123FL	400	75	1	121	3.3	83.3	92.1	1
SM4F78A	-	SOD-123FL	400	78	1	126	2.2	86.7	95.8	1
SM4F85A	-	SOD-123FL	400	85	1	137	2.9	94.4	104	1
SM4F90A	-	SOD-123FL	400	90	1	146	2.7	100	111	1
SM4F100A	-	SOD-123FL	400	100	1	162	2.5	111	123	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SM4F110A	-	SOD-123FL	400	110	1	177	2.3	122	135	1
SM4F120A	-	SOD-123FL	400	120	1	193	2.1	133	147	1
SM4F130A	-	SOD-123FL	400	130	1	209	1.9	144	159	1
SM4F150A	-	SOD-123FL	400	150	1	243	1.6	167	185	1
SM4F160A	-	SOD-123FL	400	160	1	259	1.5	178	197	1
SM4F170A	-	SOD-123FL	400	170	1	275	1.5	189	209	1
SMA6F5.0A	-	DO-221AC	600	5	800	9.2	68	6.4	7.07	10
SMA6F12A	-	DO-221AC	600	12	5	18.5	31	13.3	14.7	1
SMA6F13A	-	DO-221AC	600	13	5	20.4	29	14.4	15.9	1
SM5S10A *	-	DO-218AB	3600	10	15	17	212	11.1	12.3	5
SM5S11A *	-	DO-218AB	3600	11	10	18.2	198	12.2	13.5	5
SM5S12A *	-	DO-218AB	3600	12	10	19.9	181	13.3	14.7	5
SM5S13A *	-	DO-218AB	3600	13	10	21.5	167	14.4	15.9	5
SM5S14A *	-	DO-218AB	3600	14	10	23.2	155	15.6	17.2	5
SM5S15A *	-	DO-218AB	3600	15	10	24.4	148	16.7	18.5	5
SM5S16A *	-	DO-218AB	3600	16	10	26	138	17.8	19.7	5
SM5S17A *	-	DO-218AB	3600	17	10	27.6	130	18.9	20.9	5
SM5S18A *	-	DO-218AB	3600	18	10	29.2	123	20	22.1	5
SM5S20A *	-	DO-218AB	3600	20	10	32.4	111	22.2	24.5	5
SM5S22A *	-	DO-218AB	3600	22	10	35.5	101	24.4	26.9	5
SM5S24A *	-	DO-218AB	3600	24	10	38.9	93	26.7	29.5	5
SM5S26A *	-	DO-218AB	3600	26	10	42.1	86	28.9	31.9	5
SM5S28A *	-	DO-218AB	3600	28	10	45.4	79	31.1	34.4	5
SM5S30A *	-	DO-218AB	3600	30	10	48.4	74	33.3	36.8	5
SM5S33A *	-	DO-218AB	3600	33	10	53.3	68	36.7	40.6	5
SM5S36A *	-	DO-218AB	3600	36	10	58.1	62	40	44.2	5
SM5S40A *	-	DO-218AB	3600	40	10	64.5	56	44.4	49.1	5
SM5S43A *	-	DO-218AB	3600	43	10	69.4	52	47.8	52.8	5
SM6S10A *	-	DO-218AB	4600	10	15	17	271	11.1	12.3	5
SM6S11A *	-	DO-218AB	4600	11	10	18.2	253	12.2	13.5	5
SM6S12A *	-	DO-218AB	4600	12	10	19.9	231	13.3	14.7	5
SM6S13A *	-	DO-218AB	4600	13	10	21.5	214	14.4	15.9	5
SM6S14A *	-	DO-218AB	4600	14	10	23.2	198	15.6	17.2	5
SM6S15A *	-	DO-218AB	4600	15	10	24.4	189	16.7	18.5	5
SM6S16A *	-	DO-218AB	4600	16	10	26	177	17.8	19.7	5
SM6S17A *	-	DO-218AB	4600	17	10	27.6	167	18.9	20.9	5
SM6S18A *	-	DO-218AB	4600	18	10	29.2	158	20	22.1	5
SM6S20A *	-	DO-218AB	4600	20	10	32.4	142	22.2	24.5	5
SM6S22A *	-	DO-218AB	4600	22	10	35.5	130	24.4	26.9	5
SM6S24A *	-	DO-218AB	4600	24	10	38.9	118	26.7	29.5	5
SM6S26A *	-	DO-218AB	4600	26	10	42.1	109	28.9	31.9	5
SM6S28A *	-	DO-218AB	4600	28	10	45.4	101	31.1	34.4	5
SM6S30A *	-	DO-218AB	4600	30	10	48.4	95	33.3	36.8	5
SM6S33A *	-	DO-218AB	4600	33	10	53.3	86	36.7	40.6	5

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SM6S36A *	-	DO-218AB	4600	36	10	58.1	79	40	44.2	5
SM6S40A *	-	DO-218AB	4600	40	10	64.5	71	44.4	49.1	5
SM6S43A *	-	DO-218AB	4600	43	10	69.4	66	47.8	52.8	5
SM8S10A *	-	DO-218AB	6600	10	15	17	388	11.1	12.3	5
SM8S11A *	-	DO-218AB	6600	11	10	18.2	363	12.2	13.5	5
SM8S12A *	-	DO-218AB	6600	12	10	19.9	332	13.3	14.7	5
SM8S13A *	-	DO-218AB	6600	13	10	21.5	307	14.4	15.9	5
SM8S14A *	SM8S14CA *	DO-218AB	6600	14	10	23.2	284	15.6	17.2	5
SM8S15A *	SM8S15CA *	DO-218AB	6600	15	10	24.4	270	16.7	18.5	5
SM8S16A *	SM8S16CA *	DO-218AB	6600	16	10	26	254	17.8	19.7	5
SM8S17A *	SM8S17CA *	DO-218AB	6600	17	10	27.6	239	18.9	20.9	5
SM8S18A *	SM8S18CA *	DO-218AB	6600	18	10	29.2	226	20	22.1	5
SM8S20A *	SM8S20CA *	DO-218AB	6600	20	10	32.4	204	22.2	24.5	5
SM8S22A *	SM8S22CA *	DO-218AB	6600	22	10	35.5	186	24.4	26.9	5
SM8S24A *	SM8S24CA *	DO-218AB	6600	24	10	38.9	170	26.7	29.5	5
SM8S26A *	SM8S26CA *	DO-218AB	6600	26	10	42.1	157	28.9	31.9	5
SM8S28A *	SM8S28CA *	DO-218AB	6600	28	10	45.4	145	31.1	34.4	5
SM8S30A *	SM8S30CA *	DO-218AB	6600	30	10	48.4	136	33.3	36.8	5
SM8S33A *	SM8S33CA *	DO-218AB	6600	33	10	53.3	124	36.7	40.6	5
SM8S36A *	SM8S36CA *	DO-218AB	6600	36	10	58.1	114	40	44.2	5
SM8S40A *	SM8S40CA *	DO-218AB	6600	40	10	64.5	102	44.4	49.1	5
SM8S43A *	SM8S43CA *	DO-218AB	6600	43	10	69.4	95.1	47.8	52.8	5
SMAJ10AHE3 *	SMAJ10CAHE3 *	SMA	400	10	5	17	23.5	11.1	12.3	1
SMAJ11AHE3 *	SMAJ11CAHE3 *	SMA	400	11	1	18.2	22	12.2	13.5	1
SMAJ12AHE3 *	SMAJ12CAHE3 *	SMA	400	12	1	19.9	20.1	13.3	14.7	1
SMAJ13AHE3 *	SMAJ13CAHE3 *	SMA	400	13	1	21.5	18.6	14.4	15.9	1
SMAJ14AHE3 *	SMAJ14CAHE3 *	SMA	400	14	1	23.2	17.2	15.6	17.2	1
SMAJ15AHE3 *	SMAJ15CAHE3 *	SMA	400	15	1	24.4	16.4	16.7	18.5	1
SMAJ16AHE3 *	SMAJ16CAHE3 *	SMA	400	16	1	26	15.3	17.8	19.7	1
SMAJ17AHE3 *	SMAJ17CAHE3 *	SMA	400	17	1	27.6	14.5	18.9	20.9	1
SMAJ18AHE3 *	SMAJ18CAHE3 *	SMA	400	18	1	29.2	13.7	20	22.1	1
SMAJ20AHE3 *	SMAJ20CAHE3 *	SMA	400	20	1	32.4	12.3	22.2	24.5	1
SMAJ22AHE3 *	SMAJ22CAHE3 *	SMA	400	22	1	35.5	11.2	24.4	26.9	1
SMAJ24AHE3 *	SMAJ24CAHE3 *	SMA	400	24	1	38.9	10.3	26.7	29.5	1
SMAJ26AHE3 *	SMAJ26CAHE3 *	SMA	400	26	1	42.1	9.5	28.9	31.9	1
SMAJ28AHE3 *	SMAJ28CAHE3 *	SMA	400	28	1	45.4	8.8	31.1	34.4	1
SMAJ30AHE3 *	SMAJ30CAHE3 *	SMA	400	30	1	48.4	8.3	33.3	36.8	1
SMAJ33AHE3 *	SMAJ33CAHE3 *	SMA	400	33	1	53.3	7.5	36.7	40.6	1
SMAJ36AHE3 *	SMAJ36CAHE3 *	SMA	400	36	1	58.1	6.9	40	44.2	1
SMAJ40AHE3 *	SMAJ40CAHE3 *	SMA	400	40	1	64.5	6.2	44.4	49.1	1
SMAJ43AHE3 *	SMAJ43CAHE3 *	SMA	400	43	1	69.4	5.7	47.8	52.8	1
SMAJ45AHE3 *	SMAJ45CAHE3 *	SMA	400	45	1	72.7	5.5	50	55.3	1
SMAJ48AHE3 *	SMAJ48CAHE3 *	SMA	400	48	1	77.4	5.2	53.3	58.9	1
SMAJ51AHE3 *	SMAJ51CAHE3 *	SMA	400	51	1	82.4	4.9	56.7	62.7	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMAJ54AHE3 *	SMAJ54CAHE3 *	SMA	400	54	1	87.1	4.6	60	66.3	1
SMAJ58AHE3 *	SMAJ58CAHE3 *	SMA	400	58	1	93.6	4.3	64.4	71.2	1
SMAJ60AHE3 *	SMAJ60CAHE3 *	SMA	400	60	1	96.8	4.1	66.7	73.7	1
SMAJ64AHE3 *	SMAJ64CAHE3 *	SMA	400	64	1	103	3.9	71.1	78.6	1
SMAJ70AHE3 *	SMAJ70CAHE3 *	SMA	400	70	1	113	3.5	77.8	86	1
SMAJ75AHE3 *	SMAJ75CAHE3 *	SMA	400	75	1	121	3.3	83.3	92.1	1
SMAJ78AHE3 *	SMAJ78CAHE3 *	SMA	400	78	1	126	2.2	86.7	95.8	1
SMAJ85AHE3 *	SMAJ85CAHE3 *	SMA	400	85	1	137	2.9	94.4	104	1
SMAJ3.3A	-	SMA	400	3.3	600	8	43.8	5.2	6	10
SMAJ5.0A	SMAJ5.0CA	SMA	400	5	800	9.2	43.5	6.4	7	10
SMAJ6.0A	SMAJ6.0CA	SMA	400	6	800	10.3	38.8	6.67	7.37	10
SMAJ6.5A	SMAJ6.5CA	SMA	400	6.5	500	11.2	35.7	7.22	7.98	10
SMAJ7.0A	SMAJ7.0CA	SMA	400	7	200	12	33.3	7.78	8.6	10
SMAJ7.5A	SMAJ7.5CA	SMA	400	7.5	100	12.9	31	8.33	9.21	1
SMAJ8.0A	SMAJ8.0CA	SMA	400	8	50	13.6	29.4	8.89	9.83	1
SMAJ8.5A	SMAJ8.5CA	SMA	400	8.5	20	14.4	27.7	9.44	10.4	1
SMAJ9.0A	SMAJ9.0CA	SMA	400	9	10	15.4	26	10	11.1	1
SMAJ10A	SMAJ10CA	SMA	400	10	5	17	23.5	11.1	12.3	1
SMAJ11A	SMAJ11CA	SMA	400	11	1	18.2	22	12.2	13.5	1
SMAJ12A	SMAJ12CA	SMA	400	12	1	19.9	20.1	13.3	14.7	1
SMAJ13A	SMAJ13CA	SMA	400	13	1	21.5	18.6	14.4	15.9	1
SMAJ14A	SMAJ14CA	SMA	400	14	1	23.2	17.2	15.6	17.2	1
SMAJ15A	SMAJ15CA	SMA	400	15	1	24.4	16.4	16.7	18.5	1
SMAJ16A	SMAJ16CA	SMA	400	16	1	26	15.3	17.8	19.7	1
SMAJ17A	SMAJ17CA	SMA	400	17	1	27.6	14.5	18.9	20.9	1
SMAJ18A	SMAJ18CA	SMA	400	18	1	29.2	13.7	20	22.1	1
SMAJ20A	SMAJ20CA	SMA	400	20	1	32.4	12.3	22.2	24.5	1
SMAJ22A	SMAJ22CA	SMA	400	22	1	35.5	11.2	24.4	26.9	1
SMAJ24A	SMAJ24CA	SMA	400	24	1	38.9	10.3	26.7	29.5	1
SMAJ26A	SMAJ26CA	SMA	400	26	1	42.1	9.5	28.9	31.9	1
SMAJ28A	SMAJ28CA	SMA	400	28	1	45.4	8.8	31.1	34.4	1
SMAJ30A	SMAJ30CA	SMA	400	30	1	48.4	8.3	33.3	36.8	1
SMAJ33A	SMAJ33CA	SMA	400	33	1	53.3	7.5	36.7	40.6	1
SMAJ36A	SMAJ36CA	SMA	400	36	1	58.1	6.9	40	44.2	1
SMAJ40A	SMAJ40CA	SMA	400	40	1	64.5	6.2	44.4	49.1	1
SMAJ43A	SMAJ43CA	SMA	400	43	1	69.4	5.7	47.8	52.8	1
SMAJ45A	SMAJ45CA	SMA	400	45	1	72.7	5.5	50	55.3	1
SMAJ48A	SMAJ48CA	SMA	400	48	1	77.4	5.2	53.3	58.9	1
SMAJ51A	SMAJ51CA	SMA	400	51	1	82.4	4.9	56.7	62.7	1
SMAJ54A	SMAJ54CA	SMA	400	54	1	87.1	4.6	60	66.3	1
SMAJ58A	SMAJ58CA	SMA	400	58	1	93.6	4.3	64.4	71.2	1
SMAJ60A	SMAJ60CA	SMA	400	60	1	96.8	4.1	66.7	73.7	1
SMAJ64A	SMAJ64CA	SMA	400	64	1	103	3.9	71.1	78.6	1
SMAJ70A	SMAJ70CA	SMA	400	70	1	113	3.5	77.8	86	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMAJ75A	SMAJ75CA	SMA	400	75	1	121	3.3	83.3	92.1	1
SMAJ78A	SMAJ78CA	SMA	400	78	1	126	2.2	86.7	95.8	1
SMAJ85A	SMAJ85CA	SMA	400	85	1	137	2.9	94.4	104	1
SMAJ90A	SMAJ90CA	SMA	400	90	1	146	2.7	100	111	1
SMAJ100A	SMAJ100CA	SMA	400	100	1	162	2.5	111	123	1
SMAJ110A	SMAJ110CA	SMA	400	110	1	177	2.3	122	135	1
SMAJ120A	SMAJ120CA	SMA	400	120	1	193	2	133	147	1
SMAJ130A	SMAJ130CA	SMA	400	130	1	209	1.9	144	159	1
SMAJ150A	SMAJ150CA	SMA	400	150	1	243	1.6	167	185	1
SMAJ160A	SMAJ160CA	SMA	400	160	1	259	1.5	178	197	1
SMAJ170A	SMAJ170CA	SMA	400	170	1	275	1.4	189	209	1
SMAJ180A	SMAJ180CA	SMA	400	180	1	292	1.4	201	222	1
SMAJ200A	SMAJ200CA	SMA	400	200	1	324	1.2	224	247	1
SMAJ220A	SMAJ220CA	SMA	400	220	1	356	1.1	246	272	1
SMAJ250A	SMAJ250CA	SMA	400	250	1	405	1	279	309	1
SMAJ300A	SMAJ300CA	SMA	400	300	1	486	0.8	335	371	1
SMAJ350A	SMAJ350CA	SMA	400	350	1	567	0.7	391	432	1
SMAJ400A	SMAJ400CA	SMA	400	400	1	648	0.6	447	494	1
SMAJ440A	SMAJ440CA	SMA	400	440	1	713	0.6	492	543	1
SMAJP4KE12AHE3 *	SMAJP4KE12CAHE3 *	SMA	400	10.2	5	16.7	24.6	11.4	12.6	1
SMAJP4KE13AHE3 *	SMAJP4KE13CAHE3 *	SMA	400	11.1	1	18.2	22.5	12.4	13.7	1
SMAJP4KE15AHE3 *	SMAJP4KE15CAHE3 *	SMA	400	12.8	1	21.2	19.3	14.3	15.8	1
SMAJP4KE16AHE3 *	SMAJP4KE16CAHE3 *	SMA	400	13.6	1	22.5	18.2	15.2	16.8	1
SMAJP4KE18AHE3 *	SMAJP4KE18CAHE3 *	SMA	400	15.3	1	25.5	16.1	17.1	18.9	1
SMAJP4KE20AHE3 *	SMAJP4KE20CAHE3 *	SMA	400	17.1	1	27.7	14.8	19	21	1
SMAJP4KE22AHE3 *	SMAJP4KE22CAHE3 *	SMA	400	18.8	1	30.6	13.4	20.9	23.1	1
SMAJP4KE24AHE3 *	SMAJP4KE24CAHE3 *	SMA	400	20.5	1	33.2	12.3	22.8	25.2	1
SMAJP4KE27AHE3 *	SMAJP4KE27CAHE3 *	SMA	400	23.1	1	37.5	10.9	25.7	28.4	1
SMAJP4KE30AHE3 *	SMAJP4KE30CAHE3 *	SMA	400	25.6	1	41.4	9.9	28.5	31.5	1
SMAJP4KE33AHE3 *	SMAJP4KE33CAHE3 *	SMA	400	28.2	1	45.7	9	31.4	34.7	1
SMAJP4KE36AHE3 *	SMAJP4KE36CAHE3 *	SMA	400	30.8	1	49.9	8.2	34.2	37.8	1
SMAJP4KE39AHE3 *	SMAJP4KE39CAHE3 *	SMA	400	33.3	1	53.9	7.6	37.1	41	1
SMAJP4KE43AHE3 *	SMAJP4KE43CAHE3 *	SMA	400	36.8	1	59.3	6.9	40.9	45.2	1
SMAJP4KE47AHE3 *	SMAJP4KE47CAHE3 *	SMA	400	40.2	1	64.8	6.3	44.7	49.4	1
SMAJP4KE51AHE3 *	SMAJP4KE51CAHE3 *	SMA	400	43.6	1	70.1	5.8	48.5	53.6	1
SMAJP4KE56AHE3 *	SMAJP4KE56CAHE3 *	SMA	400	47.8	1	77	5.3	53.2	58.8	1
SMAJP4KE62AHE3 *	SMAJP4KE62CAHE3 *	SMA	400	53	1	85	4.8	58.9	65.1	1
SMAJP4KE68AHE3 *	SMAJP4KE68CAHE3 *	SMA	400	58.1	1	92	4.5	64.6	71.4	1
SMAJP4KE75AHE3 *	SMAJP4KE75CAHE3 *	SMA	400	64.1	1	103	4	71.3	78.8	1
SMAJP4KE82AHE3 *	SMAJP4KE82CAHE3 *	SMA	400	70.1	1	113	3.6	77.9	86.1	1
SMAJP4KE91AHE3 *	SMAJP4KE91CAHE3 *	SMA	400	77.8	1	125	3.3	86.5	95.5	1
SMAJP4KE100AHE3 *	SMAJP4KE100CAHE3 *	SMA	400	85.5	1	137	3	95	105	1
SMAJP4KE6.8A	SMAJP4KE6.8CA	SMA	400	5.8	1000	10.5	39	6.45	7.14	10
SMAJP4KE7.5A	SMAJP4KE7.5CA	SMA	400	6.4	500	11.3	36.3	7.13	7.88	10

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMAJP4KE8.2A	SMAJP4KE8.2CA	SMA	400	7.02	200	12.1	33.9	7.79	8.61	10
SMAJP4KE9.1A	SMAJP4KE9.1CA	SMA	400	7.78	50	13.4	30.6	8.65	9.55	1
SMAJP4KE10A	SMAJP4KE10CA	SMA	400	8.55	10	14.5	28.3	9.5	10.5	1
SMAJP4KE11A	SMAJP4KE11CA	SMA	400	9.4	5	15.6	26.3	10.5	11.6	1
SMAJP4KE12A	SMAJP4KE12CA	SMA	400	10.2	5	16.7	24.6	11.4	12.6	1
SMAJP4KE13A	SMAJP4KE13CA	SMA	400	11.1	1	18.2	22.5	12.4	13.7	1
SMAJP4KE15A	SMAJP4KE15CA	SMA	400	12.8	1	21.2	19.3	14.3	15.8	1
SMAJP4KE16A	SMAJP4KE16CA	SMA	400	13.6	1	22.5	18.2	15.2	16.8	1
SMAJP4KE18A	SMAJP4KE18CA	SMA	400	15.3	1	25.5	16.1	17.1	18.9	1
SMAJP4KE20A	SMAJP4KE20CA	SMA	400	17.1	1	27.7	14.8	19	21	1
SMAJP4KE22A	SMAJP4KE22CA	SMA	400	18.8	1	30.6	13.4	20.9	23.1	1
SMAJP4KE24A	SMAJP4KE24CA	SMA	400	20.5	1	33.2	12.3	22.8	25.2	1
SMAJP4KE27A	SMAJP4KE27CA	SMA	400	23.1	1	37.5	10.9	25.7	28.4	1
SMAJP4KE30A	SMAJP4KE30CA	SMA	400	25.6	1	41.4	9.9	28.5	31.5	1
SMAJP4KE33A	SMAJP4KE33CA	SMA	400	28.2	1	45.7	9	31.4	34.7	1
SMAJP4KE36A	SMAJP4KE36CA	SMA	400	30.8	1	49.9	8.2	34.2	37.8	1
SMAJP4KE39A	SMAJP4KE39CA	SMA	400	33.3	1	53.9	7.6	37.1	41	1
SMAJP4KE43A	SMAJP4KE43CA	SMA	400	36.8	1	59.3	6.9	40.9	45.2	1
SMAJP4KE47A	SMAJP4KE47CA	SMA	400	40.2	1	64.8	6.3	44.7	49.4	1
SMAJP4KE51A	SMAJP4KE51CA	SMA	400	43.6	1	70.1	5.8	48.5	53.6	1
SMAJP4KE56A	SMAJP4KE56CA	SMA	400	47.8	1	77	5.3	53.2	58.8	1
SMAJP4KE62A	SMAJP4KE62CA	SMA	400	53	1	85	4.8	58.9	65.1	1
SMAJP4KE68A	SMAJP4KE68CA	SMA	400	58.1	1	92	4.5	64.6	71.4	1
SMAJP4KE75A	SMAJP4KE75CA	SMA	400	64.1	1	103	4	71.3	78.8	1
SMAJP4KE82A	SMAJP4KE82CA	SMA	400	70.1	1	113	3.6	77.9	86.1	1
SMAJP4KE91A	SMAJP4KE91CA	SMA	400	77.8	1	125	3.3	86.5	95.5	1
SMAJP4KE100A	SMAJP4KE100CA	SMA	400	85.5	1	137	3	95	105	1
SMAJP4KE110A	SMAJP4KE110CA	SMA	400	94	1	152	2.7	105	116	1
SMAJP4KE120A	SMAJP4KE120CA	SMA	400	102	1	165	2.5	114	126	1
SMAJP4KE130A	SMAJP4KE130CA	SMA	400	111	1	179	2.3	124	137	1
SMAJP4KE150A	SMAJP4KE150CA	SMA	400	128	1	207	2	143	158	1
SMAJP4KE160A	SMAJP4KE160CA	SMA	400	136	1	219	1.9	152	168	1
SMAJP4KE170A	SMAJP4KE170CA	SMA	400	145	1	234	1.8	162	179	1
SMAJP4KE180A	SMAJP4KE180CA	SMA	400	154	1	246	1.7	171	189	1
SMAJP4KE200A	SMAJP4KE200CA	SMA	400	171	1	274	1.5	190	210	1
SMAJP4KE220A	SMAJP4KE220CA	SMA	400	185	1	328	1.3	209	231	1
SMAJP4KE250A	SMAJP4KE250CA	SMA	400	214	1	344	1.2	237	263	1
SMAJP4KE300A	SMAJP4KE300CA	SMA	400	256	1	414	1	285	315	1
SMAJP4KE350A	SMAJP4KE350CA	SMA	400	300	1	482	0.9	332	368	1
SMAJP4KE400A	SMAJP4KE400CA	SMA	400	342	1	548	0.8	380	420	1
SMAJP4KE440A	SMAJP4KE440CA	SMA	400	376	1	602	0.7	418	462	1
SMAJP4KE480A	SMAJP4KE480CA	SMA	400	408	1	658	0.6	456	504	1
SMAJP4KE510A	SMAJP4KE510CA	SMA	400	434	1	698	0.6	485	535	1
SMAJP4KE540A	SMAJP4KE540CA	SMA	400	459	1	740	0.5	513	567	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMAJP4KE530A	SMAJP4KE530CA	SMA	400	477	1	725	0.6	503.5	556.5	1
SMAJP4KE550A	SMAJP4KE550CA	SMA	400	495	1	760	0.5	522.5	577.5	1
SMA6J5.0A	-	SMA	600	5	800	9.2	65.2	6.4	7	10
SMA6J6.0A	SMA6J6.0CA	SMA	600	6	800	10.3	58.3	6.67	7.37	10
SMA6J6.5A	SMA6J6.5CA	SMA	600	6.5	500	11.2	53.6	7.22	7.98	10
SMA6J7.0A	SMA6J7.0CA	SMA	600	7	200	12	50	7.78	8.6	10
SMA6J7.5A	SMA6J7.5CA	SMA	600	7.5	100	12.9	46.5	8.33	9.21	1
SMA6J8.0A	SMA6J8.0CA	SMA	600	8	50	13.6	44.1	8.89	9.83	1
SMA6J8.5A	SMA6J8.5CA	SMA	600	8.5	10	14.4	41.7	9.44	10.4	1
SMA6J9.0A	SMA6J9.0CA	SMA	600	9	5	15.4	39	10	11.1	1
SMA6J10A	SMA6J10CA	SMA	600	10	1	17	35.3	11.1	12.3	1
SMA6J11A	SMA6J11CA	SMA	600	11	1	18.2	33	12.2	13.5	1
SMA6J12A	SMA6J12CA	SMA	600	12	1	19.9	30.2	13.3	14.7	1
SMA6J13A	SMA6J13CA	SMA	600	13	1	21.5	27.9	14.4	15.9	1
SMA6J14A	SMA6J14CA	SMA	600	14	1	23.2	25.9	15.6	17.2	1
SMA6J15A	SMA6J15CA	SMA	600	15	1	24.4	24.6	16.7	18.5	1
SMA6J16A	SMA6J16CA	SMA	600	16	1	26	23.1	17.8	19.7	1
SMA6J17A	SMA6J17CA	SMA	600	17	1	27.6	21.7	18.9	20.9	1
SMA6J18A	SMA6J18CA	SMA	600	18	1	29.2	20.5	20	22.1	1
SMA6J19A	SMA6J19CA	SMA	600	19	1	30.8	19.5	21.1	23.3	1
SMA6J20A	SMA6J20CA	SMA	600	20	1	32.4	18.5	22.2	24.5	1
SMA6J22A	SMA6J22CA	SMA	600	22	1	35.5	16.9	24.4	26.9	1
SMA6J24A	SMA6J24CA	SMA	600	24	1	38.9	15.4	26.7	29.5	1
SMA6J26A	SMA6J26CA	SMA	600	26	1	42.1	14.3	28.9	31.9	1
SMA6J28A	SMA6J28CA	SMA	600	28	1	45.4	13.2	31.1	34.4	1
SMA6J30A	SMA6J30CA	SMA	600	30	1	48.4	12.4	33.3	36.8	1
SMA6J33A	SMA6J33CA	SMA	600	33	1	53.3	11.3	36.7	40.6	1
SMA6J36A	SMA6J36CA	SMA	600	36	1	58.1	10.3	40	44.2	1
SMA6J40A	SMA6J40CA	SMA	600	40	1	64.5	9.3	44.4	49.1	1
SMBSAC5.0	-	SMB	500	5	300	10	44	7.6	-	1
SMBSAC6.0	-	SMB	500	6	300	11.2	41	7.9	-	1
SMBSAC7.0	-	SMB	500	7	300	12.6	38	8.33	-	1
SMBSAC8.0	-	SMB	500	8	100	13.4	36	8.89	-	1
SMBSAC8.5	-	SMB	500	8.5	50	14	34	9.44	-	1
SMBSAC10	-	SMB	500	10	5	16.3	29	11.1	-	1
SMBSAC12	-	SMB	500	12	5	19	25	13.3	-	1
SMBSAC15	-	SMB	500	15	5	23.6	20	16.7	-	1
SMBSAC18	-	SMB	500	18	5	28.8	15	20	-	1
SMBSAC22	-	SMB	500	22	5	35.4	14	24.4	-	1
SMBSAC26	-	SMB	500	26	5	42.3	11.1	28.9	-	1
SMBSAC30	-	SMB	500	30	5	48.6	10	33.3	-	1
SMBSAC36	-	SMB	500	36	5	60	8.6	40	-	1
SMBSAC45	-	SMB	500	45	5	77	6.8	50	-	1
SMBSAC50	-	SMB	500	50	5	88	5.8	55.5	-	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMBJ11AHE3 *	SMBJ11CAHE3 *	SMB	600	11	5	18.2	33	12.2	13.5	1
SMBJ12AHE3 *	SMBJ12CAHE3 *	SMB	600	12	5	19.9	30.2	13.3	14.7	1
SMBJ13AHE3 *	SMBJ13CAHE3 *	SMB	600	13	5	21.5	27.9	14.4	15.9	1
SMBJ14AHE3 *	SMBJ14CAHE3 *	SMB	600	14	5	23.2	25.8	15.6	17.2	1
SMBJ15AHE3 *	SMBJ15CAHE3 *	SMB	600	15	5	24.4	24	16.7	18.5	1
SMBJ16AHE3 *	SMBJ16CAHE3 *	SMB	600	16	5	26	23.1	17.8	19.7	1
SMBJ17AHE3 *	SMBJ17CAHE3 *	SMB	600	17	5	27.6	21.7	18.9	20.9	1
SMBJ18AHE3 *	SMBJ18CAHE3 *	SMB	600	18	5	29.2	20.5	20	22.1	1
SMBJ20AHE3 *	SMBJ20CAHE3 *	SMB	600	20	5	32.4	18.5	22.2	24.5	1
SMBJ22AHE3 *	SMBJ22CAHE3 *	SMB	600	22	5	35.5	16.9	24.4	26.9	1
SMBJ24AHE3 *	SMBJ24CAHE3 *	SMB	600	24	5	38.9	15.4	26.7	29.5	1
SMBJ26AHE3 *	SMBJ26CAHE3 *	SMB	600	26	5	42.1	14.2	28.9	31.9	1
SMBJ28AHE3 *	SMBJ28CAHE3 *	SMB	600	28	5	45.4	13.2	31.1	34.4	1
SMBJ30AHE3 *	SMBJ30CAHE3 *	SMB	600	30	5	48.4	12.4	33.3	36.8	1
SMBJ33AHE3 *	SMBJ33CAHE3 *	SMB	600	33	5	53.3	11.3	36.7	40.6	1
SMBJ36AHE3 *	SMBJ36CAHE3 *	SMB	600	36	5	58.1	10.3	40	44.2	1
SMBJ40AHE3 *	SMBJ40CAHE3 *	SMB	600	40	5	64.5	9.3	44.4	49.1	1
SMBJ43AHE3 *	SMBJ43CAHE3 *	SMB	600	43	5	69.4	8.6	47.8	52.8	1
SMBJ45AHE3 *	SMBJ45CAHE3 *	SMB	600	45	5	72.7	8.3	50	55.3	1
SMBJ48AHE3 *	SMBJ48CAHE3 *	SMB	600	48	5	77.4	7.7	53.3	58.9	1
SMBJ51AHE3 *	SMBJ51CAHE3 *	SMB	600	51	5	82.4	7.3	56.7	62.7	1
SMBJ54AHE3 *	SMBJ54CAHE3 *	SMB	600	54	5	87.1	6.9	60	66.3	1
SMBJ58AHE3 *	SMBJ58CAHE3 *	SMB	600	58	5	93.6	6.4	64.4	71.2	1
SMBJ60AHE3 *	SMBJ60CAHE3 *	SMB	600	60	5	96.8	6.2	66.7	73.7	1
SMBJ64AHE3 *	SMBJ64CAHE3 *	SMB	600	64	5	103	5.8	71.1	78.6	1
SMBJ70AHE3 *	SMBJ70CAHE3 *	SMB	600	70	5	113	5.3	77.8	86	1
SMBJ75AHE3 *	SMBJ75CAHE3 *	SMB	600	75	5	121	4.9	83.3	92.1	1
SMBJ78AHE3 *	SMBJ78CAHE3 *	SMB	600	78	5	126	4.7	86.7	95.8	1
SMBJ3.3A	-	SMB	600	3.3	600	8	75	5.2	6	10
SMBJ5.0A	SMBJ5.0CA	SMB	600	5	800	9.2	65.2	6.4	7	10
SMBJ6.0A	SMBJ6.0CA	SMB	600	6	800	10.3	58.3	6.67	7.37	10
SMBJ6.5A	SMBJ6.5CA	SMB	600	6.5	500	11.2	53.6	7.22	7.98	10
SMBJ7.0A	SMBJ7.0CA	SMB	600	7	200	12	50	7.78	8.6	10
SMBJ7.5A	SMBJ7.5CA	SMB	600	7.5	100	12.9	46.5	8.33	9.21	1
SMBJ8.0A	SMBJ8.0CA	SMB	600	8	50	13.6	44.1	8.89	9.83	1
SMBJ8.5A	SMBJ8.5CA	SMB	600	8.5	10	14.1	41.7	9.44	10.4	1
SMBJ9.0A	SMBJ9.0CA	SMB	600	9	5	15.4	39	10	11.1	1
SMBJ10A	SMBJ10CA	SMB	600	10	5	17	35.3	11.1	12.3	1
SMBJ11A	SMBJ11CA	SMB	600	11	1	18.2	33	12.2	13.5	1
SMBJ12A	SMBJ12CA	SMB	600	12	1	19.9	30.2	13.3	14.7	1
SMBJ13A	SMBJ13CA	SMB	600	13	1	21.5	27.9	14.4	15.9	1
SMBJ14A	SMBJ14CA	SMB	600	14	1	23.2	25.8	15.6	17.2	1
SMBJ15A	SMBJ15CA	SMB	600	15	1	24.4	24	16.7	18.5	1
SMBJ16A	SMBJ16CA	SMB	600	16	1	26	23.1	17.8	19.7	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMBJ17A	SMBJ17CA	SMB	600	17	1	27.6	21.7	18.9	20.9	1
SMBJ18A	SMBJ18CA	SMB	600	18	1	29.2	20.5	20	22.1	1
SMBJ20A	SMBJ20CA	SMB	600	20	1	32.4	18.5	22.2	24.5	1
SMBJ22A	SMBJ22CA	SMB	600	22	1	35.5	16.9	24.4	26.9	1
SMBJ24A	SMBJ24CA	SMB	600	24	1	38.9	15.4	26.7	29.5	1
SMBJ26A	SMBJ26CA	SMB	600	26	1	42.1	14.2	28.9	31.9	1
SMBJ28A	SMBJ28CA	SMB	600	28	1	45.4	13.2	31.1	34.4	1
SMBJ30A	SMBJ30CA	SMB	600	30	1	48.4	12.4	33.3	36.8	1
SMBJ33A	SMBJ33CA	SMB	600	33	1	53.3	11.3	36.7	40.6	1
SMBJ36A	SMBJ36CA	SMB	600	36	1	58.1	10.3	40	44.2	1
SMBJ40A	SMBJ40CA	SMB	600	40	1	64.5	9.3	44.4	49.1	1
SMBJ43A	SMBJ43CA	SMB	600	43	1	69.4	8.6	47.8	52.8	1
SMBJ45A	SMBJ45CA	SMB	600	45	1	72.7	8.3	50	55.3	1
SMBJ48A	SMBJ48CA	SMB	600	48	1	77.4	7.7	53.3	58.9	1
SMBJ51A	SMBJ51CA	SMB	600	51	1	82.4	7.3	56.7	62.7	1
SMBJ54A	SMBJ54CA	SMB	600	54	1	87.1	6.9	60	66.3	1
SMBJ58A	SMBJ58CA	SMB	600	58	1	93.6	6.4	64.4	71.2	1
SMBJ60A	SMBJ60CA	SMB	600	60	1	96.8	6.2	66.7	73.7	1
SMBJ64A	SMBJ64CA	SMB	600	64	1	103	5.8	71.1	78.6	1
SMBJ70A	SMBJ70CA	SMB	600	70	1	113	5.3	77.8	86	1
SMBJ75A	SMBJ75CA	SMB	600	75	1	121	4.9	83.3	92.1	1
SMBJ78A	SMBJ78CA	SMB	600	78	1	126	4.7	86.7	95.8	1
SMBJ85A	SMBJ85CA	SMB	600	85	1	137	4.4	94.4	104	1
SMBJ90A	SMBJ90CA	SMB	600	90	1	146	4.1	100	111	1
SMBJ100A	SMBJ100CA	SMB	600	100	1	162	3.7	111	123	1
SMBJ110A	SMBJ110CA	SMB	600	110	1	177	3.4	122	135	1
SMBJ120A	SMBJ120CA	SMB	600	120	1	193	3.1	133	147	1
SMBJ130A	SMBJ130CA	SMB	600	130	1	209	2.9	144	159	1
SMBJ150A	SMBJ150CA	SMB	600	150	1	243	2.5	167	185	1
SMBJ160A	SMBJ160CA	SMB	600	160	1	259	2.3	178	197	1
SMBJ170A	SMBJ170CA	SMB	600	170	1	275	2.2	189	209	1
SMBJ180A	SMBJ180CA	SMB	600	180	1	292	2.1	201	222	1
SMBJ200A	SMBJ200CA	SMB	600	200	1	324	1.9	224	247	1
SMBJ220A	SMBJ220CA	SMB	600	220	1	356	1.7	246	272	1
SMBJ250A	SMBJ250CA	SMB	600	250	1	405	1.5	279	309	1
SMBJ300A	SMBJ300CA	SMB	600	300	1	486	1.3	335	371	1
SMBJ350A	SMBJ350CA	SMB	600	350	1	567	1.1	391	432	1
SMBJ400A	SMBJ400CA	SMB	600	400	1	648	0.9	447	494	1
SMBJ440A	SMBJ440CA	SMB	600	440	1	713	0.9	492	543	1
SMBJP6KE250AL	-	SMB	600	214	1	344	1.9	237	263	1
SMBJP6KE300AL	-	SMB	600	256	1	414	1.5	285	315	1
SMBJP6KE350AL	-	SMB	600	300	1	482	1.3	332	368	1
SMBJP6KE400AL	-	SMB	600	342	1	548	1.1	380	420	1
SMBJP6KE6.8A	SMBJP6KE6.8CA	SMB	600	5.8	1000	10.5	58.1	6.45	7.14	10

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMBJP6KE7.5A	SMBJP6KE7.5CA	SMB	600	6.4	500	11.3	54	7.13	7.88	10
SMBJP6KE8.2A	SMBJP6KE8.2CA	SMB	600	7.02	200	12.1	50.4	7.79	8.61	10
SMBJP6KE9.1A	SMBJP6KE9.1CA	SMB	600	7.78	50	13.4	45.5	8.65	9.55	1
SMBJP6KE10A	SMBJP6KE10CA	SMB	600	8.55	10	14.5	42.1	9.5	10.5	1
SMBJP6KE11A	SMBJP6KE11CA	SMB	600	9.4	5	15.6	39.1	10.5	11.6	1
SMBJP6KE12A	SMBJP6KE12CA	SMB	600	10.2	5	16.7	36.5	11.4	12.6	1
SMBJP6KE13A	SMBJP6KE13CA	SMB	600	11.1	1	18.2	33.5	12.4	13.7	1
SMBJP6KE15A	SMBJP6KE15CA	SMB	600	12.8	1	21.2	28.8	14.3	15.8	1
SMBJP6KE16A	SMBJP6KE16CA	SMB	600	13.6	1	22.5	27.1	15.2	16.8	1
SMBJP6KE18A	SMBJP6KE18CA	SMB	600	15.3	1	25.5	24.2	17.1	18.9	1
SMBJP6KE20A	SMBJP6KE20CA	SMB	600	17.1	1	27.7	22	19	21	1
SMBJP6KE22A	SMBJP6KE22CA	SMB	600	18.8	1	30.6	19.9	20.9	23.1	1
SMBJP6KE24A	SMBJP6KE24CA	SMB	600	20.5	1	33.2	18.4	22.8	25.2	1
SMBJP6KE27A	SMBJP6KE27CA	SMB	600	23.1	1	37.5	16.3	25.7	28.4	1
SMBJP6KE30A	SMBJP6KE30CA	SMB	600	25.6	1	41.4	14.7	28.5	31.5	1
SMBJP6KE33A	SMBJP6KE33CA	SMB	600	28.2	1	45.7	13.3	31.4	34.7	1
SMBJP6KE36A	SMBJP6KE36CA	SMB	600	30.8	1	49.9	12.2	34.2	37.8	1
SMBJP6KE39A	SMBJP6KE39CA	SMB	600	33.3	1	53.9	11.3	37.1	41	1
SMBJP6KE43A	SMBJP6KE43CA	SMB	600	36.8	1	59.3	10.3	40.9	45.2	1
SMBJP6KE47A	SMBJP6KE47CA	SMB	600	40.2	1	64.8	9.4	44.7	49.4	1
SMBJP6KE51A	SMBJP6KE51CA	SMB	600	43.6	1	70.1	8.7	48.5	53.6	1
SMBJP6KE56A	SMBJP6KE56CA	SMB	600	47.8	1	77	7.9	53.2	58.8	1
SMBJP6KE62A	SMBJP6KE62CA	SMB	600	53	1	85	7.2	58.9	65.1	1
SMBJP6KE68A	SMBJP6KE68CA	SMB	600	58.1	1	92	6.6	64.6	71.4	1
SMBJP6KE75A	SMBJP6KE75CA	SMB	600	64.1	1	103	5.9	71.3	78.8	1
SMBJP6KE82A	SMBJP6KE82CA	SMB	600	70.1	1	113	5.4	77.9	86.1	1
SMBJP6KE91A	SMBJP6KE91CA	SMB	600	77.8	1	125	4.9	86.5	95.5	1
SMBJP6KE100A	SMBJP6KE100CA	SMB	600	85.5	1	137	4.5	95	105	1
SMBJP6KE110A	SMBJP6KE110CA	SMB	600	94	1	152	4	105	116	1
SMBJP6KE120A	SMBJP6KE120CA	SMB	600	102	1	165	3.7	114	126	1
SMBJP6KE130A	SMBJP6KE130CA	SMB	600	111	1	179	3.4	124	137	1
SMBJP6KE150A	SMBJP6KE150CA	SMB	600	128	1	207	2.9	143	158	1
SMBJP6KE160A	SMBJP6KE160CA	SMB	600	136	1	219	2.8	152	168	1
SMBJP6KE170A	SMBJP6KE170CA	SMB	600	145	1	234	2.6	162	179	1
SMBJP6KE180A	SMBJP6KE180CA	SMB	600	154	1	246	2.5	171	189	1
SMBJP6KE200A	SMBJP6KE200CA	SMB	600	171	1	274	2.2	190	210	1
SMBJP6KE220A	SMBJP6KE220CA	SMB	600	185	1	328	1.9	209	231	1
SMBJP6KE250A	SMBJP6KE250CA	SMB	600	214	1	344	1.9	237	263	1
SMBJP6KE300A	SMBJP6KE300CA	SMB	600	256	1	414	1.5	285	315	1
SMBJP6KE350A	SMBJP6KE350CA	SMB	600	300	1	482	1.3	332	368	1
SMBJP6KE400A	SMBJP6KE400CA	SMB	600	342	1	548	1.1	380	420	1
SMBJP6KE440A	SMBJP6KE440CA	SMB	600	376	1	602	1	418	462	1
SMBJP6KE480A	SMBJP6KE480CA	SMB	600	408	1	658	0.9	456	504	1
SMBJP6KE510A	SMBJP6KE510CA	SMB	600	434	1	698	0.9	485	535	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMBJP6KE540A	SMBJP6KE540CA	SMB	600	459	1	740	0.8	513	567	1
SMBJP6KE530A	SMBJP6KE530CA	SMB	600	477	1	725	0.8	503.5	556.5	1
SMBJP6KE550A	SMBJP6KE550CA	SMB	600	495	1	760	0.8	522.5	577.5	1
SMBJP6KE13AHE3 *	SMBJP6KE13CAHE3 *	SMB	600	11.1	1	18.2	33.5	12.4	13.7	1
SMBJP6KE15AHE3 *	SMBJP6KE15CAHE3 *	SMB	600	12.8	1	21.2	28.8	14.3	15.8	1
SMBJP6KE16AHE3 *	SMBJP6KE16CAHE3 *	SMB	600	13.6	1	22.5	27.1	15.2	16.8	1
SMBJP6KE18AHE3 *	SMBJP6KE18CAHE3 *	SMB	600	15.3	1	25.5	24.2	17.1	18.9	1
SMBJP6KE20AHE3 *	SMBJP6KE20CAHE3 *	SMB	600	17.1	1	27.7	22	19	21	1
SMBJP6KE22AHE3 *	SMBJP6KE22CAHE3 *	SMB	600	18.8	1	30.6	19.9	20.9	23.1	1
SMBJP6KE24AHE3 *	SMBJP6KE24CAHE3 *	SMB	600	20.5	1	33.2	18.4	22.8	25.2	1
SMBJP6KE27AHE3 *	SMBJP6KE27CAHE3 *	SMB	600	23.1	1	37.5	16.3	25.7	28.4	1
SMBJP6KE30AHE3 *	SMBJP6KE30CAHE3 *	SMB	600	25.6	1	41.4	14.7	28.5	31.5	1
SMBJP6KE33AHE3 *	SMBJP6KE33CAHE3 *	SMB	600	28.2	1	45.7	13.3	31.4	34.7	1
SMBJP6KE36AHE3 *	SMBJP6KE36CAHE3 *	SMB	600	30.8	1	49.9	12.2	34.2	37.8	1
SMBJP6KE39AHE3 *	SMBJP6KE39CAHE3 *	SMB	600	33.3	1	53.9	11.3	37.1	41	1
SMBJP6KE43AHE3 *	SMBJP6KE43CAHE3 *	SMB	600	36.8	1	59.3	10.3	40.9	45.2	1
SMBJP6KE47AHE3 *	SMBJP6KE47CAHE3 *	SMB	600	40.2	1	64.8	9.4	44.7	49.4	1
SMBJP6KE51AHE3 *	SMBJP6KE51CAHE3 *	SMB	600	43.6	1	70.1	8.7	48.5	53.6	1
SMBJP6KE56AHE3 *	SMBJP6KE56CAHE3 *	SMB	600	47.8	1	77	7.9	53.2	58.8	1
SMBJP6KE62AHE3 *	SMBJP6KE62CAHE3 *	SMB	600	53	1	85	7.2	58.9	65.1	1
SMBJP6KE68AHE3 *	SMBJP6KE68CAHE3 *	SMB	600	58.1	1	92	6.6	64.6	71.4	1
SMBJP6KE75AHE3 *	SMBJP6KE75CAHE3 *	SMB	600	64.1	1	103	5.9	71.3	78.8	1
SMBJP6KE82AHE3 *	SMBJP6KE82CAHE3 *	SMB	600	70.1	1	113	5.4	77.9	86.1	1
SMBJP6KE91AHE3 *	SMBJP6KE91CAHE3 *	SMB	600	77.8	1	125	4.9	86.5	95.5	1
SMB10J5.0A	SMB10J5.0CA	SMB	1000	5	800	9.2	108.7	6.4	7	10
SMB10J6.0A	SMB10J6.0CA	SMB	1000	6	800	10.3	97.09	6.67	7.37	10
SMB10J6.5A	SMB10J6.5CA	SMB	1000	6.5	500	11.2	89.29	7.22	7.98	10
SMB10J7.0A	SMB10J7.0CA	SMB	1000	7	200	12	83.33	7.78	8.6	10
SMB10J7.5A	SMB10J7.5CA	SMB	1000	7.5	100	12.9	77.52	8.33	9.21	1
SMB10J8.0A	SMB10J8.0CA	SMB	1000	8	50	13.6	73.53	8.89	9.83	1
SMB10J8.5A	SMB10J8.5CA	SMB	1000	8.5	10	14.4	69.44	9.44	10.4	1
SMB10J9.0A	SMB10J9.0CA	SMB	1000	9	5	15.4	64.94	10	11.1	1
SMB10J10A	SMB10J10CA	SMB	1000	10	5	17	58.82	11.1	12.3	1
SMB10J11A	SMB10J11CA	SMB	1000	11	5	18.2	54.95	12.2	13.5	1
SMB10J12A	SMB10J12CA	SMB	1000	12	5	19.9	50.25	13.3	14.7	1
SMB10J13A	SMB10J13CA	SMB	1000	13	1	21.5	46.51	14.4	15.9	1
SMB10J14A	SMB10J14CA	SMB	1000	14	1	23.2	43.1	15.6	17.2	1
SMB10J15A	SMB10J15CA	SMB	1000	15	1	24.4	40.98	16.7	18.5	1
SMB10J16A	SMB10J16CA	SMB	1000	16	1	26	38.46	17.8	19.7	1
SMB10J17A	SMB10J17CA	SMB	1000	17	1	27.6	36.23	18.9	20.9	1
SMB10J18A	SMB10J18CA	SMB	1000	18	1	29.2	34.25	20	22.1	1
SMB10J19A	SMB10J19CA	SMB	1000	19	1	30.8	32.49	21.1	23.3	1
SMB10J20A	SMB10J20CA	SMB	1000	20	1	32.4	30.86	22.2	24.5	1
SMB10J22A	SMB10J22CA	SMB	1000	22	1	35.5	28.17	24.4	26.9	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T(mA)
SMB10J24A	SMB10J24CA	SMB	1000	24	1	38.9	25.71	26.7	29.5	1
SMB10J26A	SMB10J26CA	SMB	1000	26	1	42.1	23.75	28.9	31.9	1
SMB10J28A	SMB10J28CA	SMB	1000	28	1	45.4	22.03	31.1	34.4	1
SMB10J30A	SMB10J30CA	SMB	1000	30	1	48.4	20.66	33.3	36.8	1
SMB10J33A	SMB10J33CA	SMB	1000	33	1	53.3	18.76	36.7	40.6	1
SMB10J36A	SMB10J36CA	SMB	1000	36	1	58.1	17.21	40	44.2	1
SMB10J40A	SMB10J40CA	SMB	1000	40	1	64.5	15.5	44.4	49.1	1
SMB10J43A	SMB10J43CA	SMB	1000	43	1	69.4	14.41	47.8	52.8	1
SMB10J45A	SMB10J45CA	SMB	1000	45	1	72.7	13.76	50	55.3	1
SMB10J48A	SMB10J48CA	SMB	1000	48	1	77.4	12.92	53.3	58.9	1
SMB10J51A	SMB10J51CA	SMB	1000	51	1	82.4	12.14	56.7	62.7	1
SMB10J54A	SMB10J54CA	SMB	1000	54	1	87.1	11.48	60	66.3	1
SMB10J58A	SMB10J58CA	SMB	1000	58	1	93.6	10.68	64.4	71.2	1
SMCJ1.5KE12AHE3 *	SMCJ1.5KE12CAHE3 *	SMC	1500	10.2	5	16.7	91	11.4	12.6	1
SMCJ1.5KE13AHE3 *	SMCJ1.5KE13CAHE3 *	SMC	1500	11.1	1	18.2	83.5	12.4	13.7	1
SMCJ1.5KE15AHE3 *	SMCJ1.5KE15CAHE3 *	SMC	1500	12.8	1	21.2	71.7	14.3	15.8	1
SMCJ1.5KE16AHE3 *	SMCJ1.5KE16CAHE3 *	SMC	1500	13.6	1	22.5	67.6	15.2	16.8	1
SMCJ1.5KE18AHE3 *	SMCJ1.5KE18CAHE3 *	SMC	1500	15.3	1	25.5	60.3	17.1	18.9	1
SMCJ1.5KE20AHE3 *	SMCJ1.5KE20CAHE3 *	SMC	1500	17.1	1	27.7	54.9	19	21	1
SMCJ1.5KE22AHE3 *	SMCJ1.5KE22CAHE3 *	SMC	1500	18.8	1	30.6	49.7	20.9	23.1	1
SMCJ1.5KE24AHE3 *	SMCJ1.5KE24CAHE3 *	SMC	1500	20.5	1	33.2	45.8	22.8	25.2	1
SMCJ1.5KE27AHE3 *	SMCJ1.5KE27CAHE3 *	SMC	1500	23.1	1	37.5	40.5	25.7	28.4	1
SMCJ1.5KE30AHE3 *	SMCJ1.5KE30CAHE3 *	SMC	1500	25.6	1	41.4	36.7	28.5	31.5	1
SMCJ1.5KE33AHE3 *	SMCJ1.5KE33CAHE3 *	SMC	1500	28.2	1	45.7	33.3	31.4	34.7	1
SMCJ1.5KE36AHE3 *	SMCJ1.5KE36CAHE3 *	SMC	1500	30.8	1	49.9	30.5	34.2	37.8	1
SMCJ1.5KE39AHE3 *	SMCJ1.5KE39CAHE3 *	SMC	1500	33.3	1	53.9	28.2	37.1	41	1
SMCJ1.5KE43AHE3 *	SMCJ1.5KE43CAHE3 *	SMC	1500	36.8	1	59.3	25.6	40.9	45.2	1
SMCJ1.5KE47AHE3 *	SMCJ1.5KE47CAHE3 *	SMC	1500	40.2	1	64.8	23.5	44.7	49.4	1
SMCJ1.5KE51AHE3 *	SMCJ1.5KE51CAHE3 *	SMC	1500	43.6	1	70.1	21.7	48.5	53.6	1
SMCJ1.5KE56AHE3 *	SMCJ1.5KE56CAHE3 *	SMC	1500	47.8	1	77	19.7	53.2	58.8	1
SMCJ1.5KE62AHE3 *	SMCJ1.5KE62CAHE3 *	SMC	1500	53	1	85	17.9	58.9	65.1	1
SMCJ1.5KE68AHE3 *	SMCJ1.5KE68CAHE3 *	SMC	1500	58.1	1	92	16.5	64.6	71.4	1
SMCJ1.5KE75AHE3 *	SMCJ1.5KE75CAHE3 *	SMC	1500	64.1	1	103	14.8	71.3	78.8	1
SMCJ1.5KE82AHE3 *	SMCJ1.5KE82CAHE3 *	SMC	1500	70.1	1	113	13.5	77.9	86.1	1
SMCJ1.5KE91AHE3 *	SMCJ1.5KE91CAHE3 *	SMC	1500	77.8	1	125	12.2	86.5	95.5	1
SMCJ1.5KE6.8A	SMCJ1.5KE6.8CA	SMC	1500	5.8	1000	10.5	144.8	6.45	7.14	10
SMCJ1.5KE7.5A	SMCJ1.5KE7.5CA	SMC	1500	6.4	500	11.3	134.5	7.13	7.88	10
SMCJ1.5KE8.2A	SMCJ1.5KE8.2CA	SMC	1500	7.02	200	12.1	125.6	7.79	8.61	10
SMCJ1.5KE9.1A	SMCJ1.5KE9.1CA	SMC	1500	7.78	50	13.4	113.4	8.65	9.55	1
SMCJ1.5KE10A	SMCJ1.5KE10CA	SMC	1500	8.55	10	14.5	104.8	9.5	10.5	1
SMCJ1.5KE11A	SMCJ1.5KE11CA	SMC	1500	9.4	5	15.6	97.4	10.5	11.6	1
SMCJ1.5KE12A	SMCJ1.5KE12CA	SMC	1500	10.2	5	16.7	91	11.4	12.6	1
SMCJ1.5KE13A	SMCJ1.5KE13CA	SMC	1500	11.1	5	18.2	83.5	12.4	13.7	1
SMCJ1.5KE15A	SMCJ1.5KE15CA	SMC	1500	12.8	5	21.2	71.7	14.3	15.8	1

*** AEC-Q101 Qualified**

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMCJ1.5KE16A	SMCJ1.5KE16CA	SMC	1500	13.6	5	22.5	67.6	15.2	16.8	1
SMCJ1.5KE18A	SMCJ1.5KE18CA	SMC	1500	15.3	5	25.5	60.3	17.1	18.9	1
SMCJ1.5KE20A	SMCJ1.5KE20CA	SMC	1500	17.1	5	27.7	54.9	19	21	1
SMCJ1.5KE22A	SMCJ1.5KE22CA	SMC	1500	18.8	5	30.6	49.7	20.9	23.1	1
SMCJ1.5KE24A	SMCJ1.5KE24CA	SMC	1500	20.5	5	33.2	45.8	22.8	25.2	1
SMCJ1.5KE27A	SMCJ1.5KE27CA	SMC	1500	23.1	5	37.5	40.5	25.7	28.4	1
SMCJ1.5KE30A	SMCJ1.5KE30CA	SMC	1500	25.6	5	41.4	36.7	28.5	31.5	1
SMCJ1.5KE33A	SMCJ1.5KE33CA	SMC	1500	28.2	5	45.7	33.3	31.4	34.7	1
SMCJ1.5KE36A	SMCJ1.5KE36CA	SMC	1500	30.8	5	49.9	30.5	34.2	37.8	1
SMCJ1.5KE39A	SMCJ1.5KE39CA	SMC	1500	33.3	5	53.9	28.2	37.1	41	1
SMCJ1.5KE43A	SMCJ1.5KE43CA	SMC	1500	36.8	5	59.3	25.6	40.9	45.2	1
SMCJ1.5KE47A	SMCJ1.5KE47CA	SMC	1500	40.2	5	64.8	23.5	44.7	49.4	1
SMCJ1.5KE51A	SMCJ1.5KE51CA	SMC	1500	43.6	5	70.1	21.7	48.5	53.6	1
SMCJ1.5KE56A	SMCJ1.5KE56CA	SMC	1500	47.8	5	77	19.7	53.2	58.8	1
SMCJ1.5KE62A	SMCJ1.5KE62CA	SMC	1500	53	5	85	17.9	58.9	65.1	1
SMCJ1.5KE68A	SMCJ1.5KE68CA	SMC	1500	58.1	5	92	16.5	64.6	71.4	1
SMCJ1.5KE75A	SMCJ1.5KE75CA	SMC	1500	64.1	5	103	14.8	71.3	78.8	1
SMCJ1.5KE82A	SMCJ1.5KE82CA	SMC	1500	70.1	5	113	13.5	77.9	86.1	1
SMCJ1.5KE91A	SMCJ1.5KE91CA	SMC	1500	77.8	5	125	12.2	86.5	95.5	1
SMCJ1.5KE100A	SMCJ1.5KE100CA	SMC	1500	85.5	5	137	11.1	95	105	1
SMCJ1.5KE110A	SMCJ1.5KE110CA	SMC	1500	94	5	152	10	105	116	1
SMCJ1.5KE120A	SMCJ1.5KE120CA	SMC	1500	102	5	165	9.2	114	126	1
SMCJ1.5KE130A	SMCJ1.5KE130CA	SMC	1500	111	5	179	8.5	124	137	1
SMCJ1.5KE150A	SMCJ1.5KE150CA	SMC	1500	128	5	207	7.3	143	158	1
SMCJ1.5KE160A	SMCJ1.5KE160CA	SMC	1500	136	5	219	6.9	152	168	1
SMCJ1.5KE170A	SMCJ1.5KE170CA	SMC	1500	145	5	234	6.5	162	179	1
SMCJ1.5KE180A	SMCJ1.5KE180CA	SMC	1500	154	5	246	6.2	171	189	1
SMCJ1.5KE200A	SMCJ1.5KE200CA	SMC	1500	171	5	274	5.5	190	210	1
SMCJ1.5KE220A	SMCJ1.5KE220CA	SMC	1500	185	5	328	4.6	209	231	1
SMCJ1.5KE250A	SMCJ1.5KE250CA	SMC	1500	214	5	344	4.4	237	263	1
SMCJ1.5KE300A	SMCJ1.5KE300CA	SMC	1500	256	5	414	3.7	285	315	1
SMCJ1.5KE350A	SMCJ1.5KE350CA	SMC	1500	300	5	482	3.2	332	368	1
SMCJ1.5KE400A	SMCJ1.5KE400CA	SMC	1500	342	5	548	2.8	380	420	1
SMCJ1.5KE440A	SMCJ1.5KE440CA	SMC	1500	376	5	602	2.5	418	462	1
SMCJ1.5KE480A	SMCJ1.5KE480CA	SMC	1500	408	5	658	2.3	456	504	1
SMCJ1.5KE510A	SMCJ1.5KE510CA	SMC	1500	434	5	698	2.1	485	535	1
SMCJ1.5KE540A	SMCJ1.5KE540CA	SMC	1500	459	5	740	2	513	567	1
SMCJ1.5KE530A	SMCJ1.5KE530CA	SMC	1500	477	5	725	2.1	503.5	556.5	1
SMCJ1.5KE550A	SMCJ1.5KE550CA	SMC	1500	495	5	760	2	522.5	577.5	1
SMCJ10AHE3 *	SMCJ10CAHE3 *	SMC	1500	10	5	17	88.2	11.1	12.3	1
SMCJ11AHE3 *	SMCJ11CAHE3 *	SMC	1500	11	1	18.2	82.4	12.2	13.5	1
SMCJ12AHE3 *	SMCJ12CAHE3 *	SMC	1500	12	1	19.9	75.3	13.3	14.7	1
SMCJ13AHE3 *	SMCJ13CAHE3 *	SMC	1500	13	1	21.5	69.7	14.4	15.9	1
SMCJ14AHE3 *	SMCJ14CAHE3 *	SMC	1500	14	1	23.2	64.7	15.6	17.2	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMCJ15AHE3 *	SMCJ15CAHE3 *	SMC	1500	15	1	24.4	61.5	16.7	18.5	1
SMCJ16AHE3 *	SMCJ16CAHE3 *	SMC	1500	16	1	26	57.7	17.8	19.7	1
SMCJ17AHE3 *	SMCJ17CAHE3 *	SMC	1500	17	1	27.6	53.3	18.9	20.9	1
SMCJ18AHE3 *	SMCJ18CAHE3 *	SMC	1500	18	1	29.2	51.4	20	22.1	1
SMCJ20AHE3 *	SMCJ20CAHE3 *	SMC	1500	20	1	32.4	46.3	22.2	24.5	1
SMCJ22AHE3 *	SMCJ22CAHE3 *	SMC	1500	22	1	35.5	42.2	24.4	26.9	1
SMCJ24AHE3 *	SMCJ24CAHE3 *	SMC	1500	24	1	38.9	38.6	26.7	29.5	1
SMCJ26AHE3 *	SMCJ26CAHE3 *	SMC	1500	26	1	42.1	35.6	28.9	31.9	1
SMCJ28AHE3 *	SMCJ28CAHE3 *	SMC	1500	28	1	45.4	33	31.1	34.4	1
SMCJ30AHE3 *	SMCJ30CAHE3 *	SMC	1500	30	1	48.4	31	33.3	36.8	1
SMCJ33AHE3 *	SMCJ33CAHE3 *	SMC	1500	33	1	53.3	28.1	36.7	40.6	1
SMCJ36AHE3 *	SMCJ36CAHE3 *	SMC	1500	36	1	58.1	25.8	40	44.2	1
SMCJ40AHE3 *	SMCJ40CAHE3 *	SMC	1500	40	1	64.5	23.2	44.4	49.1	1
SMCJ43AHE3 *	SMCJ43CAHE3 *	SMC	1500	43	1	69.4	21.6	47.8	52.8	1
SMCJ45AHE3 *	SMCJ45CAHE3 *	SMC	1500	45	1	72.7	20.6	50	55.3	1
SMCJ48AHE3 *	SMCJ48CAHE3 *	SMC	1500	48	1	77.4	19.4	53.3	58.9	1
SMCJ51AHE3 *	SMCJ51CAHE3 *	SMC	1500	51	1	82.4	18.2	56.7	62.7	1
SMCJ54AHE3 *	SMCJ54CAHE3 *	SMC	1500	54	1	87.1	17.2	60	66.3	1
SMCJ58AHE3 *	SMCJ58CAHE3 *	SMC	1500	58	1	93.6	16	64.4	71.2	1
SMCJ60AHE3 *	SMCJ60CAHE3 *	SMC	1500	60	1	96.8	15.5	66.7	73.7	1
SMCJ64AHE3 *	SMCJ64CAHE3 *	SMC	1500	64	1	103	14.6	71.1	78.6	1
SMCJ70AHE3 *	SMCJ70CAHE3 *	SMC	1500	70	1	113	13.3	77.8	86	1
SMCJ75AHE3 *	SMCJ75CAHE3 *	SMC	1500	75	1	121	12.4	83.3	92.1	1
SMCJ78AHE3 *	SMCJ78CAHE3 *	SMC	1500	78	1	126	11.9	86.7	95.8	1
SMCJ5.0A	SMCJ5.0CA	SMC	1500	5	800	9.2	163	6.4	7	10
SMCJ6.0A	SMCJ6.0CA	SMC	1500	6	800	10.3	145.7	6.7	7.4	10
SMCJ6.5A	SMCJ6.5CA	SMC	1500	6.5	500	11.2	134	7.2	8	10
SMCJ7.0A	SMCJ7.0CA	SMC	1500	7	200	12	125	7.8	8.6	10
SMCJ7.5A	SMCJ7.5CA	SMC	1500	7.5	100	12.9	116.3	8.3	9.2	1
SMCJ8.0A	SMCJ8.0CA	SMC	1500	8	50	13.6	110.3	8.9	9.8	1
SMCJ8.5A	SMCJ8.5CA	SMC	1500	8.5	20	14.4	104.2	9.4	10.4	1
SMCJ9.0A	SMCJ9.0CA	SMC	1500	9	10	15.4	97.4	10	11.1	1
SMCJ10A	SMCJ10CA	SMC	1500	10	5	17	88.3	11.1	12.3	1
SMCJ11A	SMCJ11CA	SMC	1500	11	1	18.2	82.5	12.2	13.5	1
SMCJ12A	SMCJ12CA	SMC	1500	12	1	19.9	75.4	13.3	14.7	1
SMCJ13A	SMCJ13CA	SMC	1500	13	1	21.5	69.8	14.4	15.9	1
SMCJ14A	SMCJ14CA	SMC	1500	14	1	23.2	64.7	15.6	17.2	1
SMCJ15A	SMCJ15CA	SMC	1500	15	1	24.4	61.5	16.7	18.5	1
SMCJ16A	SMCJ16CA	SMC	1500	16	1	26	57.7	17.8	19.7	1
SMCJ17A	SMCJ17CA	SMC	1500	17	1	27.6	54.4	18.9	20.9	1
SMCJ18A	SMCJ18CA	SMC	1500	18	1	29.2	51.4	20	22.1	1
SMCJ20A	SMCJ20CA	SMC	1500	20	1	32.4	46.3	22.2	24.5	1
SMCJ22A	SMCJ22CA	SMC	1500	22	1	35.5	42.3	24.4	26.9	1
SMCJ24A	SMCJ24CA	SMC	1500	24	1	38.9	38.6	26.7	29.5	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMCJ26A	SMCJ26CA	SMC	1500	26	1	42.1	35.7	28.9	31.9	1
SMCJ28A	SMCJ28CA	SMC	1500	28	1	45.4	33.1	31.1	34.4	1
SMCJ30A	SMCJ30CA	SMC	1500	30	1	48.4	31	33.3	36.8	1
SMCJ33A	SMCJ33CA	SMC	1500	33	1	53.3	28.2	36.7	40.6	1
SMCJ36A	SMCJ36CA	SMC	1500	36	1	58.1	25.9	40	44.2	1
SMCJ40A	SMCJ40CA	SMC	1500	40	1	64.5	23.3	44.4	49.1	1
SMCJ43A	SMCJ43CA	SMC	1500	43	1	69.4	21.6	47.8	52.8	1
SMCJ45A	SMCJ45CA	SMC	1500	45	1	72.7	20.6	50	55.3	1
SMCJ48A	SMCJ48CA	SMC	1500	48	1	77.4	19.4	53.3	58.9	1
SMCJ51A	SMCJ51CA	SMC	1500	51	1	82.4	18.2	56.7	62.7	1
SMCJ54A	SMCJ54CA	SMC	1500	54	1	87.1	17.3	60	66.3	1
SMCJ58A	SMCJ58CA	SMC	1500	58	1	93.6	16.1	64.4	71.2	1
SMCJ60A	SMCJ60CA	SMC	1500	60	1	96.8	15.5	66.7	73.7	1
SMCJ64A	SMCJ64CA	SMC	1500	64	1	103	14.6	71.1	78.6	1
SMCJ70A	SMCJ70CA	SMC	1500	70	1	113	13.3	77.8	86	1
SMCJ75A	SMCJ75CA	SMC	1500	75	1	121	12.4	83.3	92.1	1
SMCJ78A	SMCJ78CA	SMC	1500	78	1	126	11.9	86.7	95.8	1
SMCJ85A	SMCJ85CA	SMC	1500	85	1	137	11	94.4	104	1
SMCJ90A	SMCJ90CA	SMC	1500	90	1	146	10.3	100	111	1
SMCJ100A	SMCJ100CA	SMC	1500	100	1	162	9.3	111	123	1
SMCJ110A	SMCJ110CA	SMC	1500	110	1	177	8.5	122	135	1
SMCJ120A	SMCJ120CA	SMC	1500	120	1	193	7.8	133	147	1
SMCJ130A	SMCJ130CA	SMC	1500	130	1	209	7.2	144	159	1
SMCJ150A	SMCJ150CA	SMC	1500	150	1	243	6.2	167	185	1
SMCJ160A	SMCJ160CA	SMC	1500	160	1	259	5.8	178	197	1
SMCJ170A	SMCJ170CA	SMC	1500	170	1	275	5.5	189	209	1
SMCJ180A	SMCJ180CA	SMC	1500	180	1	292	5.1	201	222	1
SMCJ200A	SMCJ200CA	SMC	1500	200	1	324	4.6	224	247	1
SMCJ220A	SMCJ220CA	SMC	1500	220	1	356	4.2	246	272	1
SMCJ250A	SMCJ250CA	SMC	1500	250	1	405	3.7	279	309	1
SMCJ300A	SMCJ300CA	SMC	1500	300	1	486	3.1	335	371	1
SMCJ350A	SMCJ350CA	SMC	1500	350	1	567	2.6	391	432	1
SMCJ400A	SMCJ400CA	SMC	1500	400	1	648	2.3	447	494	1
SMCJ440A	SMCJ440CA	SMC	1500	440	1	713	2.1	492	543	1
SMLJ10AHE3 *	SMLJ10CAHE3 *	SMC	3000	10	15	17	176.4	11.1	12.3	5
SMLJ11AHE3 *	SMLJ11CAHE3 *	SMC	3000	11	2	18.2	164.8	12.2	13.5	5
SMLJ12AHE3 *	SMLJ12CAHE3 *	SMC	3000	12	2	19.9	150.6	13.3	14.7	5
SMLJ13AHE3 *	SMLJ13CAHE3 *	SMC	3000	13	2	21.5	139.4	14.4	15.9	5
SMLJ14AHE3 *	SMLJ14CAHE3 *	SMC	3000	14	2	23.2	129.4	15.6	17.2	5
SMLJ15AHE3 *	SMLJ15CAHE3 *	SMC	3000	15	2	24.4	123	16.7	18.5	5
SMLJ16AHE3 *	SMLJ16CAHE3 *	SMC	3000	16	2	26	115.4	17.8	19.7	5
SMLJ17AHE3 *	SMLJ17CAHE3 *	SMC	3000	17	2	27.6	106.6	18.9	20.9	5
SMLJ18AHE3 *	SMLJ18CAHE3 *	SMC	3000	18	2	29.2	102.8	20	22.1	5
SMLJ20AHE3 *	SMLJ20CAHE3 *	SMC	3000	20	2	32.4	92.6	22.2	24.5	5

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMLJ22AHE3 *	SMLJ22CAHE3 *	SMC	3000	22	2	35.5	84.4	24.4	26.9	5
SMLJ24AHE3 *	SMLJ24CAHE3 *	SMC	3000	24	2	38.9	77.2	26.7	29.5	5
SMLJ26AHE3 *	SMLJ26CAHE3 *	SMC	3000	26	2	42.1	71.2	28.9	31.9	5
SMLJ28AHE3 *	SMLJ28CAHE3 *	SMC	3000	28	2	45.4	66	31.1	34.4	5
SMLJ30AHE3 *	SMLJ30CAHE3 *	SMC	3000	30	2	48.4	62	33.3	36.8	5
SMLJ33AHE3 *	SMLJ33CAHE3 *	SMC	3000	33	2	53.3	56.2	36.7	40.6	5
SMLJ36AHE3 *	SMLJ36CAHE3 *	SMC	3000	36	2	58.1	51.6	40	44.2	5
SMLJ40AHE3 *	SMLJ40CAHE3 *	SMC	3000	40	2	64.5	46.4	44.4	49.1	5
SMLJ43AHE3 *	SMLJ43CAHE3 *	SMC	3000	43	2	69.4	43.2	47.8	52.8	5
SMLJ5.0A	SMLJ5.0CA	SMC	3000	5	1000	9.2	326	6.4	7	10
SMLJ6.0A	SMLJ6.0CA	SMC	3000	6	1000	10.3	291.3	6.67	7.37	10
SMLJ6.5A	SMLJ6.5CA	SMC	3000	6.5	500	11.2	267.9	7.22	7.98	10
SMLJ7.0A	SMLJ7.0CA	SMC	3000	7	200	12	250	7.78	8.6	10
SMLJ7.5A	SMLJ7.5CA	SMC	3000	7.5	100	12.9	232.6	8.33	9.21	1
SMLJ8.0A	SMLJ8.0CA	SMC	3000	8	50	13.6	220	8.89	9.83	1
SMLJ8.5A	SMLJ8.5CA	SMC	3000	8.5	25	14.1	208.4	9.44	10.4	1
SMLJ9.0A	SMLJ9.0CA	SMC	3000	9	10	15.4	194.8	10	11.1	1
SMLJ10A	SMLJ10CA	SMC	3000	10	5	17	176.4	11.1	12.3	1
SMLJ11A	SMLJ11CA	SMC	3000	11	5	18.2	164.8	12.2	13.5	1
SMLJ12A	SMLJ12CA	SMC	3000	12	5	19.9	150.6	13.3	14.7	1
SMLJ13A	SMLJ13CA	SMC	3000	13	5	21.5	139.4	14.4	15.9	1
SMLJ14A	SMLJ14CA	SMC	3000	14	5	23.2	129.4	15.6	17.2	1
SMLJ15A	SMLJ15CA	SMC	3000	15	5	24.4	123	16.7	18.5	1
SMLJ16A	SMLJ16CA	SMC	3000	16	5	26	115.4	17.8	19.7	1
SMLJ17A	SMLJ17CA	SMC	3000	17	5	27.6	106.6	18.9	20.9	1
SMLJ18A	SMLJ18CA	SMC	3000	18	5	29.2	102.8	20	22.1	1
SMLJ20A	SMLJ20CA	SMC	3000	20	5	32.4	92.6	22.2	24.5	1
SMLJ22A	SMLJ22CA	SMC	3000	22	5	35.5	84.4	24.4	26.9	1
SMLJ24A	SMLJ24CA	SMC	3000	24	5	38.9	77.2	26.7	29.5	1
SMLJ26A	SMLJ26CA	SMC	3000	26	5	42.1	71.2	28.9	31.9	1
SMLJ28A	SMLJ28CA	SMC	3000	28	5	45.4	66	31.1	34.4	1
SMLJ30A	SMLJ30CA	SMC	3000	30	5	48.4	62	33.3	36.8	1
SMLJ33A	SMLJ33CA	SMC	3000	33	5	53.3	56.2	36.7	40.6	1
SMLJ36A	SMLJ36CA	SMC	3000	36	5	58.1	51.6	40	44.2	1
SMLJ40A	SMLJ40CA	SMC	3000	40	5	64.5	46.4	44.4	49.1	1
SMLJ43A	SMLJ43CA	SMC	3000	43	5	69.4	43.2	47.8	52.8	1
SMLJ45A	SMLJ45CA	SMC	3000	45	5	72.7	41.2	50	55.3	1
SMLJ48A	SMLJ48CA	SMC	3000	48	5	77.4	38.8	53.3	58.9	1
SMLJ51A	SMLJ51CA	SMC	3000	51	5	82.4	36.4	56.7	62.7	1
SMLJ54A	SMLJ54CA	SMC	3000	54	5	87.1	34.4	60	66.3	1
SMLJ58A	SMLJ58CA	SMC	3000	58	5	93.6	32	64.4	71.2	1
SMLJ60A	SMLJ60CA	SMC	3000	60	5	96.8	31	66.7	73.7	1
SMLJ64A	SMLJ64CA	SMC	3000	64	5	103	29.2	71.1	78.6	1
SMLJ70A	SMLJ70CA	SMC	3000	70	5	113	26.6	77.8	86	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SMLJ75A	SMLJ75CA	SMC	3000	75	5	121	24.8	83.3	92.1	1
SMLJ78A	SMLJ78CA	SMC	3000	78	5	126	22.8	86.7	95.8	1
SMLJ85A	SMLJ85CA	SMC	3000	85	5	137	20.8	94.4	104	1
SMLJ90A	SMLJ90CA	SMC	3000	90	5	146	20.6	100	111	1
SMLJ100A	SMLJ100CA	SMC	3000	100	5	162	18.6	111	123	1
SMLJ110A	SMLJ110CA	SMC	3000	110	5	177	16.8	122	135	1
SMLJ120A	SMLJ120CA	SMC	3000	120	5	193	15.6	133	147	1
SMLJ130A	SMLJ130CA	SMC	3000	130	5	209	14.4	144	159	1
SMLJ150A	SMLJ150CA	SMC	3000	150	5	243	12.4	167	185	1
SMLJ160A	SMLJ160CA	SMC	3000	160	5	259	11.6	178	197	1
SMLJ170A	SMLJ170CA	SMC	3000	170	5	275	11	189	209	1
SMLJ180A	SMLJ180CA	SMC	3000	180	2	291.6	10.29	200	220	5
SMLJ190A	SMLJ190CA	SMC	3000	190	2	307.8	9.75	211	232	5
SMLJ200A	SMLJ200CA	SMC	3000	200	2	324	9.26	224	247	5
SMLJ220A	SMLJ220CA	SMC	3000	220	2	356	8.43	246	272	5
SMLJ250A	SMLJ250CA	SMC	3000	250	2	405	7.41	279	309	5
SMLJ300A	SMLJ300CA	SMC	3000	300	2	486	6.17	335	371	5
SMLJ350A	SMLJ350CA	SMC	3000	350	2	567	5.29	391	432	5
SMLJ400A	SMLJ400CA	SMC	3000	400	2	648	4.63	447	494	5
SMLJ440A	SMLJ440CA	SMC	3000	440	2	713	4.21	492	543	5
5.0SMLJ10AHE3 *	5.0SMLJ10CAHE3 *	SMC	5000	10	5	17	294.12	11.1	12.3	1
5.0SMLJ11AHE3 *	5.0SMLJ11CAHE3 *	SMC	5000	11	2	18.2	275	12.2	13.5	1
5.0SMLJ12AHE3 *	5.0SMLJ12CAHE3 *	SMC	5000	12	2	19.9	252	13.3	14.7	1
5.0SMLJ13AHE3 *	5.0SMLJ13CAHE3 *	SMC	5000	13	2	21.5	233	14.4	15.9	1
5.0SMLJ14AHE3 *	5.0SMLJ14CAHE3 *	SMC	5000	14	2	23.2	216	15.6	17.2	1
5.0SMLJ15AHE3 *	5.0SMLJ15CAHE3 *	SMC	5000	15	2	24.4	205	16.7	18.5	1
5.0SMLJ16AHE3 *	5.0SMLJ16CAHE3 *	SMC	5000	16	2	26	193	17.8	19.7	1
5.0SMLJ17AHE3 *	5.0SMLJ17CAHE3 *	SMC	5000	17	2	27.6	181	18.9	20.9	1
5.0SMLJ18AHE3 *	5.0SMLJ18CAHE3 *	SMC	5000	18	2	29.2	172	20	22.1	1
5.0SMLJ19AHE3 *	5.0SMLJ19CAHE3 *	SMC	5000	19	2	30.8	162.4	21.1	23.3	1
5.0SMLJ20AHE3 *	5.0SMLJ20CAHE3 *	SMC	5000	20	2	32.4	155	22.2	24.5	1
5.0SMLJ22AHE3 *	5.0SMLJ22CAHE3 *	SMC	5000	22	2	35.5	141	24.4	26.9	1
5.0SMLJ24AHE3 *	5.0SMLJ24CAHE3 *	SMC	5000	24	2	38.9	129	26.7	29.5	1
5.0SMLJ26AHE3 *	5.0SMLJ26CAHE3 *	SMC	5000	26	2	42.1	119	28.9	31.9	1
5.0SMLJ28AHE3 *	5.0SMLJ28CAHE3 *	SMC	5000	28	2	45.4	110	31.1	34.4	1
5.0SMLJ30AHE3 *	5.0SMLJ30CAHE3 *	SMC	5000	30	2	48.4	103	33.3	36.8	1
5.0SMLJ33AHE3 *	5.0SMLJ33CAHE3 *	SMC	5000	33	2	53.3	93.9	36.7	40.6	1
5.0SMLJ36AHE3 *	5.0SMLJ36CAHE3 *	SMC	5000	36	2	58.1	86.1	40	44.2	1
5.0SMLJ40AHE3 *	5.0SMLJ40CAHE3 *	SMC	5000	40	2	64.5	77.6	44.4	49.1	1
5.0SMLJ43AHE3 *	5.0SMLJ43CAHE3 *	SMC	5000	43	2	69.4	72.1	47.8	52.8	1
5.0SMLJ45AHE3 *	5.0SMLJ45CAHE3 *	SMC	5000	45	2	72.7	68.8	50	55.3	1
5.0SMLJ48AHE3 *	5.0SMLJ48CAHE3 *	SMC	5000	48	2	77.4	64.7	53.3	58.9	1
5.0SMLJ51AHE3 *	5.0SMLJ51CAHE3 *	SMC	5000	51	2	82.4	60.7	56.7	62.7	1
5.0SMLJ54AHE3 *	5.0SMLJ54CAHE3 *	SMC	5000	54	2	87.1	57.5	60	66.3	1

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
5.0SMLJ58AHE3 *	5.0SMLJ58CAHE3 *	SMC	5000	58	2	93.6	53.5	64.4	71.2	1
5.0SMLJ11A	5.0SMLJ11CA	SMC	5000	11	800	18.2	275	12.2	13.5	10
5.0SMLJ12A	5.0SMLJ12CA	SMC	5000	12	800	19.9	252	13.3	14.7	10
5.0SMLJ13A	5.0SMLJ13CA	SMC	5000	13	500	21.5	233	14.4	15.9	10
5.0SMLJ14A	5.0SMLJ14CA	SMC	5000	14	200	23.2	216	15.6	17.2	10
5.0SMLJ15A	5.0SMLJ15CA	SMC	5000	15	100	24.4	205	16.7	18.5	1
5.0SMLJ16A	5.0SMLJ16CA	SMC	5000	16	50	26	193	17.8	19.7	1
5.0SMLJ17A	5.0SMLJ17CA	SMC	5000	17	20	27.6	181	18.9	20.9	1
5.0SMLJ18A	5.0SMLJ18CA	SMC	5000	18	10	29.2	172	20	22.1	1
5.0SMLJ20A	5.0SMLJ20CA	SMC	5000	20	5	32.4	155	22.2	24.5	1
5.0SMLJ22A	5.0SMLJ22CA	SMC	5000	22	5	35.5	141	24.4	26.9	1
5.0SMLJ24A	5.0SMLJ24CA	SMC	5000	24	5	38.9	129	26.7	29.5	1
5.0SMLJ26A	5.0SMLJ26CA	SMC	5000	26	5	42.1	119	28.9	31.9	1
5.0SMLJ28A	5.0SMLJ28CA	SMC	5000	28	5	45.4	110	31.1	34.4	1
5.0SMLJ30A	5.0SMLJ30CA	SMC	5000	30	5	48.4	103	33.3	36.8	1
5.0SMLJ33A	5.0SMLJ33CA	SMC	5000	33	5	53.3	93.9	36.7	40.6	1
5.0SMLJ36A	5.0SMLJ36CA	SMC	5000	36	5	58.1	86.1	40	44.2	1
5.0SMLJ40A	5.0SMLJ40CA	SMC	5000	40	5	64.5	77.6	44.4	49.1	1
5.0SMLJ43A	5.0SMLJ43CA	SMC	5000	43	5	69.4	72.1	47.8	52.8	1
5.0SMLJ45A	5.0SMLJ45CA	SMC	5000	45	5	72.7	68.8	50	55.3	1
5.0SMLJ48A	5.0SMLJ48CA	SMC	5000	48	5	77.4	64.7	53.3	58.9	1
5.0SMLJ51A	5.0SMLJ51CA	SMC	5000	51	5	82.4	60.7	56.7	62.7	1
5.0SMLJ54A	5.0SMLJ54CA	SMC	5000	54	5	87.1	57.5	60	66.3	1
5.0SMLJ58A	5.0SMLJ58CA	SMC	5000	58	5	93.6	53.5	64.4	71.2	1
5.0SMLJ60A	5.0SMLJ60CA	SMC	5000	60	5	96.8	51.7	66.7	73.7	1
5.0SMLJ64A	5.0SMLJ64CA	SMC	5000	64	5	103	48.6	71.1	78.6	1
5.0SMLJ70A	5.0SMLJ70CA	SMC	5000	70	5	113	44.3	77.8	86	1
5.0SMLJ75A	5.0SMLJ75CA	SMC	5000	75	5	121	41.4	83.3	92.1	1
5.0SMLJ78A	5.0SMLJ78CA	SMC	5000	78	5	126	39.7	86.7	95.8	1
5.0SMLJ85A	5.0SMLJ85CA	SMC	5000	85	5	137	36.5	94.4	104	1
5.0SMLJ90A	5.0SMLJ90CA	SMC	5000	90	5	146	34.3	100	111	1
5.0SMLJ100A	5.0SMLJ100CA	SMC	5000	100	5	162	30.9	111	123	1
5.0SMLJ110A	5.0SMLJ110CA	SMC	5000	110	5	177	28.3	122	135	1
5.0SMLJ120A	5.0SMLJ120CA	SMC	5000	120	5	193	26	133	147	1
5.0SMLJ130A	5.0SMLJ130CA	SMC	5000	130	5	209	24	144	159	1
5.0SMLJ150A	5.0SMLJ150CA	SMC	5000	150	5	243	20.6	167	185	1
5.0SMLJ160A	5.0SMLJ160CA	SMC	5000	160	5	259	19.3	178	197	1
5.0SMLJ170A	5.0SMLJ170CA	SMC	5000	170	5	275	18.2	189	209	1
-	AK3-058C	AK	-	58	20	110	3000	64	-	10
-	AK6-058C	AK	-	58	20	110	6000	64	-	10
-	AK10-058C	AK	-	58	20	110	10000	64	-	10
-	AK15-058C	AK	-	58	20	110	15000	64	-	10
-	AK3-066C	AK	-	66	20	125	3000	70	-	10
-	AK6-066C	AK	-	66	20	125	6000	70	-	10

*** AEC-Q101 Qualified**

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
-	AK10-066C	AK	-	66	20	125	10000	70	-	10
-	AK1-076C	AK	-	76	20	135	1000	83	-	10
-	AK3-076C	AK	-	76	20	140	3000	85	-	10
-	AK6-076C	AK	-	76	20	135	6000	83	-	10
-	AK10-076C	AK	-	76	20	135	10000	83	-	10
-	AK15-076C	AK	-	76	20	145	15000	85	-	10
-	AK6-170C	AK	-	170	20	260	6000	180	-	10
-	AK10-170C	AK	-	170	20	260	10000	180	-	10
-	AK6-190C	AK	-	190	20	290	6000	200	-	10
-	AK10-190C	AK	-	190	20	290	10000	200	-	10
-	AK10-200C	AK	-	200	20	330	10000	222	-	10
-	AK6-240C	AK	-	240	20	340	6000	250	-	10
-	AK10-240C	AK	-	240	20	340	10000	250	-	10
-	AK3-380C	AK	-	380	20	520	3000	401	-	10
-	AK6-380C	AK	-	380	20	520	6000	401	-	10
-	AK10-380C	AK	-	380	20	520	10000	401	-	10
-	AK3-430C	AK	-	430	20	625	3000	440	-	10
-	AK6-430C	AK	-	430	20	625	6000	440	-	10
-	AK10-430C	AK	-	430	20	625	10000	440	-	10
P4KE6.8A	P4KE6.8CA	DO-41	400	5.8	1000	10.5	39	6.45	7.14	10
P4KE7.5A	P4KE7.5CA	DO-41	400	6.4	1	11.3	36.3	7.13	7.88	10
P4KE8.2A	P4KE8.2CA	DO-41	400	7.02	200	12.1	33.9	7.79	8.61	10
P4KE9.1A	P4KE9.1CA	DO-41	400	7.78	50	13.4	30.6	8.65	9.55	1
P4KE10A	P4KE10CA	DO-41	400	8.55	10	14.5	28.3	9.5	10.5	1
P4KE11A	P4KE11CA	DO-41	400	9.4	5	15.6	26.3	10.5	11.6	1
P4KE12A	P4KE12CA	DO-41	400	10.2	5	16.7	24.6	11.4	12.6	1
P4KE13A	P4KE13CA	DO-41	400	11.1	1	18.2	22.5	12.4	13.7	1
P4KE15A	P4KE15CA	DO-41	400	12.8	1	21.2	20	14.3	15.8	1
P4KE16A	P4KE16CA	DO-41	400	13.6	1	22.5	19	15.2	16.8	1
P4KE18A	P4KE18CA	DO-41	400	15.3	1	25.5	16.1	17.1	18.9	1
P4KE20A	P4KE20CA	DO-41	400	17.1	1	27.7	15	19	21	1
P4KE22A	P4KE22CA	DO-41	400	18.8	1	30.6	14	20.9	23.1	1
P4KE24A	P4KE24CA	DO-41	400	20.5	1	33.2	13	22.8	25.2	1
P4KE27A	P4KE27CA	DO-41	400	23.1	1	37.5	10.9	25.7	28.4	1
P4KE30A	P4KE30CA	DO-41	400	25.6	1	41.4	10	28.5	31.5	1
P4KE33A	P4KE33CA	DO-41	400	28.2	1	45.7	9	31.4	34.7	1
P4KE36A	P4KE36CA	DO-41	400	30.8	1	49.9	8.4	34.2	37.8	1
P4KE39A	P4KE39CA	DO-41	400	33.3	1	53.9	7.8	37.1	41	1
P4KE43A	P4KE43CA	DO-41	400	36.8	1	59.3	7.1	40.9	45.2	1
P4KE47A	P4KE47CA	DO-41	400	40.2	1	64.8	6.3	44.7	49.4	1
P4KE51A	P4KE51CA	DO-41	400	43.6	1	70.1	6	48.5	53.6	1
P4KE56A	P4KE56CA	DO-41	400	47.8	1	77	5.5	53.2	58.8	1
P4KE62A	P4KE62CA	DO-41	400	53	1	85	5	58.9	65.1	1
P4KE68A	P4KE68CA	DO-41	400	58.1	1	92	4.6	64.6	71.4	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
P4KE75A	P4KE75CA	DO-41	400	64.1	1	103	4.1	71.3	78.8	1
P4KE82A	P4KE82CA	DO-41	400	70.1	1	113	3.7	77.9	86.1	1
P4KE91A	P4KE91CA	DO-41	400	77.8	1	125	3.4	86.5	95.5	1
P4KE100A	P4KE100CA	DO-41	400	85.5	1	137	3.1	95	105	1
P4KE110A	P4KE110CA	DO-41	400	94	1	152	2.8	105	116	1
P4KE120A	P4KE120CA	DO-41	400	102	1	165	2.5	114	126	1
P4KE130A	P4KE130CA	DO-41	400	111	1	179	2.3	124	137	1
P4KE150A	P4KE150CA	DO-41	400	128	1	207	2	143	158	1
P4KE160A	P4KE160CA	DO-41	400	136	1	219	1.9	152	168	1
P4KE170A	P4KE170CA	DO-41	400	145	1	234	1.8	162	179	1
P4KE180A	P4KE180CA	DO-41	400	154	1	246	1.7	171	189	1
P4KE200A	P4KE200CA	DO-41	400	171	1	274	1.53	190	210	1
P4KE220A	P4KE220CA	DO-41	400	185	1	328	1.22	209	231	1
P4KE250A	P4KE250CA	DO-41	400	214	1	344	1.16	237	263	1
P4KE300A	P4KE300CA	DO-41	400	256	1	414	0.97	285	315	1
P4KE350A	P4KE350CA	DO-41	400	300	1	482	0.83	333	368	1
P4KE400A	P4KE400CA	DO-41	400	342	1	548	0.73	380	420	1
P4KE440A	P4KE440CA	DO-41	400	376	1	602	0.68	418	462	1
P4KE480A	P4KE480CA	DO-41	400	408	1	658	0.61	456	504	1
P4KE510A	P4KE510CA	DO-41	400	434	1	698	0.57	485	535	1
P4KE540A	P4KE540CA	DO-41	400	459	1	740	0.54	513	567	1
P4KE530A	P4KE530CA	DO-41	400	477	1	725	0.55	503.5	556.5	1
P4KE550A	P4KE550CA	DO-41	400	495	1	760	0.52	522.5	577.5	1
P5KE5.0A	P5KE5.0CA	DO-15	500	5	600	9.2	54.3	6.4	7.25	10
P5KE6.0A	P5KE6.0CA	DO-15	500	6	600	10.3	48.5	6.67	7.67	10
P5KE6.5A	P5KE6.5CA	DO-15	500	6.5	400	11.2	44.7	7.22	8.3	10
P5KE7.0A	P5KE7.0CA	DO-15	500	7	150	12	41.7	7.78	8.95	10
P5KE7.5A	P5KE7.5CA	DO-15	500	7.5	50	12.9	38.8	8.33	9.58	1
P5KE8.0A	P5KE8.0CA	DO-15	500	8	25	13.6	36.7	8.89	10.23	1
P5KE8.5A	P5KE8.5CA	DO-15	500	8.5	10	14.4	34.7	9.44	10.82	1
P5KE9.0A	P5KE9.0CA	DO-15	500	9	5	15.4	32.5	10	11.5	1
P5KE10A	P5KE10CA	DO-15	500	10	3	17	29.4	11.1	12.8	1
P5KE11A	P5KE11CA	DO-15	500	11	3	18.2	27.4	12.2	14	1
P5KE12A	P5KE12CA	DO-15	500	12	3	19.9	25.1	13.3	15.3	1
P5KE13A	P5KE13CA	DO-15	500	13	3	21.5	23.2	14.4	16.5	1
P5KE14A	P5KE14CA	DO-15	500	14	3	23.2	21.5	15.6	17.9	1
P5KE15A	P5KE15CA	DO-15	500	15	3	24.4	20.6	16.7	19.2	1
P5KE16A	P5KE16CA	DO-15	500	16	3	26	19.2	17.8	20.5	1
P5KE17A	P5KE17CA	DO-15	500	17	3	27.6	16.1	18.9	21.7	1
P5KE18A	P5KE18CA	DO-15	500	18	3	29.2	17.2	20	23.3	1
P5KE20A	P5KE20CA	DO-15	500	20	3	32.4	15.4	22.2	25.5	1
P5KE22A	P5KE22CA	DO-15	500	22	3	35.5	14.1	24.4	28	1
P5KE24A	P5KE24CA	DO-15	500	24	3	38.9	12.8	26.7	30.7	1
P5KE26A	P5KE26CA	DO-15	500	26	3	42.1	11.9	28.9	33.2	1

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
P5KE28A	P5KE28CA	DO-15	500	28	3	45.4	11	31.1	35.8	1
P5KE30A	P5KE30CA	DO-15	500	30	3	48.4	10.3	33.3	38.3	1
P5KE33A	P5KE33CA	DO-15	500	33	3	53.3	9.4	36.7	42.2	1
P5KE36A	P5KE36CA	DO-15	500	36	3	58.1	8.6	40	46	1
P5KE40A	P5KE40CA	DO-15	500	40	3	64.5	7.8	44.4	51.1	1
P5KE43A	P5KE43CA	DO-15	500	43	3	69.4	7.2	47.8	54.9	1
P5KE45A	P5KE45CA	DO-15	500	45	3	72.7	6.9	50	57.5	1
P5KE48A	P5KE48CA	DO-15	500	48	3	77.4	6.5	53.3	61.3	1
P5KE51A	P5KE51CA	DO-15	500	51	3	82.4	6.1	56.7	65.2	1
P5KE54A	P5KE54CA	DO-15	500	54	3	87.1	5.7	60	69	1
P5KE58A	P5KE58CA	DO-15	500	58	3	93.6	5.3	64.4	74.1	1
P5KE60A	P5KE60CA	DO-15	500	60	3	96.8	5.2	66.7	76.7	1
P5KE64A	P5KE64CA	DO-15	500	64	3	103	4.9	71.1	81.8	1
P5KE70A	P5KE70CA	DO-15	500	70	3	113	4.4	77.8	89.5	1
P5KE75A	P5KE75CA	DO-15	500	75	3	121	4.1	83.3	95.8	1
P5KE78A	P5KE78CA	DO-15	500	78	3	126	4	86.7	99.7	1
P5KE85A	P5KE85CA	DO-15	500	85	3	137	3.6	94.4	108.2	1
P5KE90A	P5KE90CA	DO-15	500	90	3	146	3.4	100	115.5	1
P5KE100A	P5KE100CA	DO-15	500	100	3	162	3.1	111	128	1
P5KE110A	P5KE110CA	DO-15	500	110	3	177	2.8	122	140.5	1
P5KE120A	P5KE120CA	DO-15	500	120	3	193	2	133	153	1
P5KE130A	P5KE130CA	DO-15	500	130	3	209	2.4	144	165.5	1
P5KE150A	P5KE150CA	DO-15	500	150	3	243	2.1	167	192.5	1
P5KE160A	P5KE160CA	DO-15	500	160	3	259	1.9	178	205	1
P5KE170A	P5KE170CA	DO-15	500	170	3	275	1.8	189	217.5	1
P5KE180A	P5KE180CA	DO-15	500	180	3	292	1.7	198	230.4	1
P5KE190A	P5KE190CA	DO-15	500	190	3	308	1.6	209	243.2	1
P5KE200A	P5KE200CA	DO-15	500	200	3	324	1.5	220	256	1
SA5.0A	SA5.0CA	DO-15	500	5	600	9.2	55.4	6.4	7	10
SA6.0A	SA6.0CA	DO-15	500	6	600	10.3	49.5	6.67	7.37	10
SA6.5A	SA6.5CA	DO-15	500	6.5	400	11.2	45.5	7.22	7.98	10
SA7.0A	SA7.0CA	DO-15	500	7	150	12	42.5	7.78	8.6	10
SA7.5A	SA7.5CA	DO-15	500	7.5	50	12.9	39.5	8.33	9.21	1
SA8.0A	SA8.0CA	DO-15	500	8	25	13.6	37.5	8.89	9.83	1
SA8.5A	SA8.5CA	DO-15	500	8.5	10	14.4	35.4	9.44	10.4	1
SA9.0A	SA9.0CA	DO-15	500	9	5	15.4	33.1	10	11.1	1
SA10A	SA10CA	DO-15	500	10	1	17	30	11.1	12.3	1
SA11A	SA11CA	DO-15	500	11	1	18.2	28	12.2	13.5	1
SA12A	SA12CA	DO-15	500	12	1	19.9	25.6	13.3	14.7	1
SA13A	SA13CA	DO-15	500	13	1	21.5	23.7	14.4	15.9	1
SA14A	SA14CA	DO-15	500	14	1	23.2	22	15.6	17.2	1
SA15A	SA15CA	DO-15	500	15	1	24.4	20.9	16.7	18.5	1
SA16A	SA16CA	DO-15	500	16	1	26	19.6	17.8	19.7	1
SA17A	SA17CA	DO-15	500	17	1	27.6	18.5	18.9	20.9	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SA18A	SA18CA	DO-15	500	18	1	29.2	17.5	20	22.1	1
SA20A	SA20CA	DO-15	500	20	1	32.4	15.7	22.2	24.5	1
SA22A	SA22CA	DO-15	500	22	1	35.5	14.4	24.4	26.9	1
SA24A	SA24CA	DO-15	500	24	1	38.9	13.1	26.7	29.5	1
SA26A	SA26CA	DO-15	500	26	1	42.1	12.1	28.9	31.9	1
SA28A	SA28CA	DO-15	500	28	1	45.4	11.2	31.1	34.4	1
SA30A	SA30CA	DO-15	500	30	1	48.4	10.5	33.3	36.8	1
SA33A	SA33CA	DO-15	500	33	1	53.3	9.6	36.7	40.6	1
SA36A	SA36CA	DO-15	500	36	1	58.1	8.8	40	44.2	1
SA40A	SA40CA	DO-15	500	40	1	64.5	7.9	44.4	49.1	1
SA43A	SA43CA	DO-15	500	43	1	69.4	7.3	47.8	52.8	1
SA45A	SA45CA	DO-15	500	45	1	72.7	7	50	55.3	1
SA48A	SA48CA	DO-15	500	48	1	77.4	6.6	53.3	58.9	1
SA51A	SA51CA	DO-15	500	51	1	82.4	6.2	56.7	62.7	1
SA54A	SA54CA	DO-15	500	54	1	87.1	5.9	60	66.3	1
SA58A	SA58CA	DO-15	500	58	1	93.6	5.4	64.4	71.2	1
SA60A	SA60CA	DO-15	500	60	1	96.8	5.3	66.7	73.7	1
SA64A	SA64CA	DO-15	500	64	1	103	5	71.1	78.6	1
SA70A	SA70CA	DO-15	500	70	1	113	4.5	77.8	86	1
SA75A	SA75CA	DO-15	500	75	1	121	4.2	83.3	92.1	1
SA78A	SA78CA	DO-15	500	78	1	126	4	86.7	95.8	1
SA85A	SA85CA	DO-15	500	85	1	137	3.7	94.4	104	1
SA90A	SA90CA	DO-15	500	90	1	146	3.5	100	111	1
SA100A	SA100CA	DO-15	500	100	1	162	3.1	111	123	1
SA110A	SA110CA	DO-15	500	110	1	177	2.9	122	135	1
SA120A	SA120CA	DO-15	500	120	1	193	2.6	133	147	1
SA130A	SA130CA	DO-15	500	130	1	209	2.4	144	159	1
SA150A	SA150CA	DO-15	500	150	1	243	2.1	167	185	1
SA160A	SA160CA	DO-15	500	160	1	259	2	178	197	1
SA170A	SA170CA	DO-15	500	170	1	275	1.9	189	209	1
SAC5.0	-	DO-15	500	5	300	10	44	7.6	-	1
SAC6.0	-	DO-15	500	6	300	11.2	41	7.9	-	1
SAC7.0	-	DO-15	500	7	300	12.6	38	8.33	-	1
SAC8.0	-	DO-15	500	8	100	13.4	36	8.89	-	1
SAC8.5	-	DO-15	500	8.5	50	14	34	9.44	-	1
SAC10	-	DO-15	500	10	5	16.3	29	11.1	-	1
SAC12	-	DO-15	500	12	5	19	25	13.3	-	1
SAC15	-	DO-15	500	15	5	23.6	20	16.7	-	1
SAC18	-	DO-15	500	18	5	28.8	15	20	-	1
SAC22	-	DO-15	500	22	5	35.4	14	24.4	-	1
SAC26	-	DO-15	500	26	5	42.3	11.1	28.9	-	1
SAC30	-	DO-15	500	30	5	48.6	10	33.3	-	1
SAC36	-	DO-15	500	36	5	60	8.6	40	-	1
SAC45	-	DO-15	500	45	5	77	6.8	50	-	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
SAC50	-	DO-15	500	50	5	88	5.8	55.5	-	1
P6KE6.8A	P6KE6.8CA	DO-15	600	5.8	1000	10.5	57	6.45	7.14	10
P6KE7.5A	P6KE7.5CA	DO-15	600	6.4	500	11.3	53	7.13	7.88	10
P6KE8.2A	P6KE8.2CA	DO-15	600	7.02	200	12.1	50	7.79	8.61	10
P6KE9.1A	P6KE9.1CA	DO-15	600	7.78	50	13.4	45	8.65	9.55	1
P6KE10A	P6KE10CA	DO-15	600	8.55	10	14.5	41	9.5	10.5	1
P6KE11A	P6KE11CA	DO-15	600	9.4	5	15.6	38	10.5	11.6	1
P6KE12A	P6KE12CA	DO-15	600	10.2	5	16.7	36	11.4	12.6	1
P6KE13A	P6KE13CA	DO-15	600	11.1	1	18.2	33	12.4	13.7	1
P6KE15A	P6KE15CA	DO-15	600	12.8	1	21.2	28	14.3	15.8	1
P6KE16A	P6KE16CA	DO-15	600	13.6	1	22.5	27	15.2	16.8	1
P6KE18A	P6KE18CA	DO-15	600	15.3	1	25.2	24	17.1	18.9	1
P6KE20A	P6KE20CA	DO-15	600	17.1	1	27.7	22	19	21	1
P6KE22A	P6KE22CA	DO-15	600	18.8	1	30.6	20	20.9	23.1	1
P6KE24A	P6KE24CA	DO-15	600	20.5	1	33.2	18	22.8	25.2	1
P6KE27A	P6KE27CA	DO-15	600	23.1	1	37.5	16	25.7	28.4	1
P6KE30A	P6KE30CA	DO-15	600	25.6	1	41.4	14.4	28.5	31.5	1
P6KE33A	P6KE33CA	DO-15	600	28.2	1	45.7	13.2	31.4	34.7	1
P6KE36A	P6KE36CA	DO-15	600	30.8	1	49.9	12	34.2	37.8	1
P6KE39A	P6KE39CA	DO-15	600	33.3	1	53.9	11.2	37.1	41	1
P6KE43A	P6KE43CA	DO-15	600	36.8	1	59.3	10.1	40.9	45.2	1
P6KE47A	P6KE47CA	DO-15	600	40.2	1	64.8	9.3	44.7	49.4	1
P6KE51A	P6KE51CA	DO-15	600	43.6	1	70.1	8.6	48.5	53.6	1
P6KE56A	P6KE56CA	DO-15	600	47.8	1	77	7.8	53.2	58.8	1
P6KE62A	P6KE62CA	DO-15	600	53	1	85	7.1	58.9	65.1	1
P6KE68A	P6KE68CA	DO-15	600	58.1	1	92	6.5	64.6	71.4	1
P6KE75A	P6KE75CA	DO-15	600	64.1	1	103	5.8	71.3	78.8	1
P6KE82A	P6KE82CA	DO-15	600	70.1	1	113	5.3	77.9	86.1	1
P6KE91A	P6KE91CA	DO-15	600	77.8	1	125	4.8	86.5	95.5	1
P6KE100A	P6KE100CA	DO-15	600	85.5	1	137	4.4	95	105	1
P6KE110A	P6KE110CA	DO-15	600	94	1	152	3.4	105	116	1
P6KE120A	P6KE120CA	DO-15	600	102	1	165	3.6	114	126	1
P6KE130A	P6KE130CA	DO-15	600	111	1	179	3.3	124	137	1
P6KE150A	P6KE150CA	DO-15	600	128	1	207	2.9	143	158	1
P6KE160A	P6KE160CA	DO-15	600	136	1	219	2.7	152	168	1
P6KE170A	P6KE170CA	DO-15	600	145	1	234	2.6	161	179	1
P6KE180A	P6KE180CA	DO-15	600	154	1	246	2.4	171	189	1
P6KE200A	P6KE200CA	DO-15	600	171	1	274	2.2	190	210	1
P6KE220A	P6KE220CA	DO-15	600	185	1	328	1.9	209	231	1
P6KE250A	P6KE250CA	DO-15	600	214	1	344	1.8	237	263	1
P6KE300A	P6KE300CA	DO-15	600	256	1	414	1.5	285	315	1
P6KE350A	P6KE350CA	DO-15	600	300	1	482	1.3	332	368	1
P6KE400A	P6KE400CA	DO-15	600	342	1	548	1.1	380	420	1
P6KE440A	P6KE440CA	DO-15	600	376	1	600	1.04	418	462	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
P6KE480A	P6KE480CA	DO-15	600	408	1	658	0.91	456	504	1
P6KE510A	P6KE510CA	DO-15	600	434	1	698	0.86	485	535	1
P6KE540A	P6KE540CA	DO-15	600	459	1	740	0.81	513	567	1
P6KE600A	P6KE600CA	DO-15	600	512	1	828	0.75	570	630	1
SAC136	-	DO-15	600	136	1	219	2.7	150	170	1
SMA6F5.0A	-	DO-221AC	600	5	800	9.2	68	6.4	7.07	10
SMA6F12A	-	DO-221AC	600	12	5	18.5	31	13.3	14.7	1
SMA6F13A	-	DO-221AC	600	13	5	20.4	29	14.4	15.9	1
1.5KE6.8A	1.5KE6.8CA	DO-201AE	1500	5.8	1000	10.5	144.8	6.45	7.14	10
1.5KE7.5A	1.5KE7.5CA	DO-201AE	1500	6.4	500	11.3	134.5	7.13	7.88	10
1.5KE8.2A	1.5KE8.2CA	DO-201AE	1500	7.02	200	12.1	125.6	7.79	8.61	10
1.5KE9.1A	1.5KE9.1CA	DO-201AE	1500	7.78	50	13.4	113.4	8.65	9.5	1
1.5KE10A	1.5KE10CA	DO-201AE	1500	8.55	10	14.5	104.8	9.5	10.5	1
1.5KE11A	1.5KE11CA	DO-201AE	1500	9.4	5	15.6	97.4	10.5	11.6	1
1.5KE12A	1.5KE12CA	DO-201AE	1500	10.2	5	16.7	91	11.4	12.6	1
1.5KE13A	1.5KE13CA	DO-201AE	1500	11.1	5	18.2	83.5	12.4	13.7	1
1.5KE15A	1.5KE15CA	DO-201AE	1500	12.8	5	21.2	71.7	14.3	15.8	1
1.5KE16A	1.5KE16CA	DO-201AE	1500	13.6	5	22.5	67.6	15.2	16.8	1
1.5KE18A	1.5KE18CA	DO-201AE	1500	15.3	5	25.2	60.3	17.1	18.9	1
1.5KE20A	1.5KE20CA	DO-201AE	1500	17.1	5	27.7	54.9	19	21	1
1.5KE22A	1.5KE22CA	DO-201AE	1500	18.8	5	30.6	49.7	20.9	23.1	1
1.5KE24A	1.5KE24CA	DO-201AE	1500	20.5	5	33.2	45.8	22.8	25.2	1
1.5KE27A	1.5KE27CA	DO-201AE	1500	23.1	5	37.5	40.5	25.7	28.4	1
1.5KE30A	1.5KE30CA	DO-201AE	1500	25.6	5	41.4	36.7	28.5	31.5	1
1.5KE33A	1.5KE33CA	DO-201AE	1500	28.2	5	45.7	33.3	31.4	34.7	1
1.5KE36A	1.5KE36CA	DO-201AE	1500	30.8	5	49.9	30.5	34.2	37.8	1
1.5KE39A	1.5KE39CA	DO-201AE	1500	33.3	5	53.9	28.2	37.1	41	1
1.5KE43A	1.5KE43CA	DO-201AE	1500	36.8	5	59.3	25.6	40.9	45.2	1
1.5KE47A	1.5KE47CA	DO-201AE	1500	40.2	5	64.8	23.5	44.7	49.4	1
1.5KE51A	1.5KE51CA	DO-201AE	1500	43.6	5	70.1	21.7	48.5	53.6	1
1.5KE56A	1.5KE56CA	DO-201AE	1500	47.8	5	77	19.7	53.2	58.8	1
1.5KE62A	1.5KE62CA	DO-201AE	1500	53	5	85	17.9	58.9	65.1	1
1.5KE68A	1.5KE68CA	DO-201AE	1500	58.1	5	92	16.5	64.6	71.4	1
1.5KE75A	1.5KE75CA	DO-201AE	1500	64.1	5	103	14.8	71.3	78.8	1
1.5KE82A	1.5KE82CA	DO-201AE	1500	70.1	5	113	13.5	77.9	86.1	1
1.5KE91A	1.5KE91CA	DO-201AE	1500	77.8	5	125	12.2	86.5	95.5	1
1.5KE100A	1.5KE100CA	DO-201AE	1500	85.5	5	137	11.1	95	105	1
1.5KE110A	1.5KE110CA	DO-201AE	1500	94	5	152	10	105	116	1
1.5KE120A	1.5KE120CA	DO-201AE	1500	102	5	165	9.2	114	126	1
1.5KE130A	1.5KE130CA	DO-201AE	1500	111	5	179	8.5	124	137	1
1.5KE150A	1.5KE150CA	DO-201AE	1500	128	5	207	7.3	143	158	1
1.5KE160A	1.5KE160CA	DO-201AE	1500	136	5	219	6.9	152	168	1
1.5KE170A	1.5KE170CA	DO-201AE	1500	145	5	234	6.5	162	179	1
1.5KE180A	1.5KE180CA	DO-201AE	1500	154	5	246	6.2	171	189	1

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
1.5KE200A	1.5KE200CA	DO-201AE	1500	171	5	274	5.5	190	210	1
1.5KE220A	1.5KE220CA	DO-201AE	1500	185	5	328	4.6	209	231	1
1.5KE250A	1.5KE250CA	DO-201AE	1500	214	5	344	4.4	237	263	1
1.5KE300A	1.5KE300CA	DO-201AE	1500	256	5	414	3.7	285	315	1
1.5KE350A	1.5KE350CA	DO-201AE	1500	300	5	482	3.2	332	368	1
1.5KE400A	1.5KE400CA	DO-201AE	1500	342	5	548	2.8	380	420	1
1.5KE440A	1.5KE440CA	DO-201AE	1500	376	5	602	2.5	418	462	1
1.5KE480A	1.5KE480CA	DO-201AE	1500	408	5	658	2.3	456	504	1
1.5KE510A	1.5KE510CA	DO-201AE	1500	434	5	698	2.1	485	535	1
1.5KE530A	1.5KE530CA	DO-201AE	1500	450	5	725	2.1	503.5	556.5	1
1.5KE540A	1.5KE540CA	DO-201AE	1500	459	5	740	2	513	567	1
1.5KE550A	1.5KE550CA	DO-201AE	1500	467	5	760	2	522.5	577.5	1
LCE6.5A	-	DO-201AE	1500	6.5	1000	11.2	100	7.22	7.98	10
LCE7.0A	-	DO-201AE	1500	7	500	12	100	7.78	8.6	10
LCE7.5A	-	DO-201AE	1500	7.5	250	12.9	100	8.33	9.21	10
LCE8.0A	-	DO-201AE	1500	8	100	13.6	100	8.89	9.83	1
LCE8.5A	-	DO-201AE	1500	8.5	50	14.4	100	9.44	10.44	1
LCE9.0A	-	DO-201AE	1500	9	10	15.4	97	10	11	1
LCE10A	-	DO-201AE	1500	10	5	17	88	11.1	12.3	1
LCE11A	-	DO-201AE	1500	11	5	18.2	82	12.2	13.5	1
LCE12A	-	DO-201AE	1500	12	5	19.9	75	13.3	14.7	1
LCE13A	-	DO-201AE	1500	13	5	21.5	70	14.4	15.9	1
LCE14A	-	DO-201AE	1500	14	5	23.2	65	15.6	17.2	1
LCE15A	-	DO-201AE	1500	15	5	24.4	61	16.7	18.5	1
LCE16A	-	DO-201AE	1500	16	5	26	57	17.8	19.7	1
LCE17A	-	DO-201AE	1500	17	5	27.6	54	18.9	20.9	1
LCE18A	-	DO-201AE	1500	18	5	29.2	51	20	22.1	1
LCE20A	-	DO-201AE	1500	20	5	32.4	46	22.2	24.5	1
LCE22A	-	DO-201AE	1500	22	5	35.5	42	24.4	26.9	1
LCE24A	-	DO-201AE	1500	24	5	38.9	39	26.7	29.5	1
LCE26A	-	DO-201AE	1500	26	5	42.1	36	28.9	31.9	1
LCE28A	-	DO-201AE	1500	28	5	45.5	33	31.3	34.4	1
3KP5.0A	3KP5.0CA	R-6	3000	5	5000	9.2	326.1	6.4	7	50
3KP6.0A	3KP6.0CA	R-6	3000	6	5000	10.3	291.3	6.67	7.37	50
3KP6.5A	3KP6.5CA	R-6	3000	6.5	2000	11.2	267.9	7.22	7.98	50
3KP7.0A	3KP7.0CA	R-6	3000	7	1000	12	250	7.78	8.6	50
3KP7.5A	3KP7.5CA	R-6	3000	7.5	250	12.9	232.6	8.33	9.21	5
3KP8.0A	3KP8.0CA	R-6	3000	8	150	13.6	220.6	8.89	9.83	5
3KP8.5A	3KP8.5CA	R-6	3000	8.5	50	14.4	208.3	9.44	10.4	5
3KP9.0A	3KP9.0CA	R-6	3000	9	20	15.4	194.8	10	11.1	5
3KP10A	3KP10CA	R-6	3000	10	15	17	176.5	11.1	12.3	5
3KP11A	3KP11CA	R-6	3000	11	10	18.2	164.8	12.2	13.5	5
3KP12A	3KP12CA	R-6	3000	12	10	19.9	150.8	13.3	14.7	5
3KP13A	3KP13CA	R-6	3000	13	10	21.5	139.5	14.4	15.9	5

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
3KP14A	3KP14CA	R-6	3000	14	10	23.2	129.3	15.6	17.2	5
3KP15A	3KP15CA	R-6	3000	15	10	24.4	123	16.7	18.5	5
3KP16A	3KP16CA	R-6	3000	16	10	26	115.4	17.8	19.7	5
3KP17A	3KP17CA	R-6	3000	17	10	27.6	108.7	18.9	20.9	5
3KP18A	3KP18CA	R-6	3000	18	10	29.2	102.7	20	22.1	5
3KP20A	3KP20CA	R-6	3000	20	10	32.4	92.6	22.2	24.5	5
3KP22A	3KP22CA	R-6	3000	22	10	35.5	84.5	24.4	26.9	5
3KP24A	3KP24CA	R-6	3000	24	10	38.9	77.1	26.7	29.5	5
3KP26A	3KP26CA	R-6	3000	26	10	42.1	71.3	28.9	31.9	5
3KP28A	3KP28CA	R-6	3000	28	10	45.4	66.1	31.1	34.4	5
3KP30A	3KP30CA	R-6	3000	30	10	48.4	62	33.3	36.8	5
3KP33A	3KP33CA	R-6	3000	33	10	53.3	56.3	36.7	40.6	5
3KP36A	3KP36CA	R-6	3000	36	10	58.1	51.6	40	44.2	5
3KP40A	3KP40CA	R-6	3000	40	10	64.5	46.5	44.4	49.1	5
3KP43A	3KP43CA	R-6	3000	43	10	69.4	43.2	47.8	52.8	5
3KP45A	3KP45CA	R-6	3000	45	10	72.7	41.3	50	55.3	5
3KP48A	3KP48CA	R-6	3000	48	10	77.4	38.8	53.3	58.9	5
3KP51A	3KP51CA	R-6	3000	51	10	82.4	36.4	56.7	62.7	5
3KP54A	3KP54CA	R-6	3000	54	10	87.1	34.4	60	66.3	5
3KP58A	3KP58CA	R-6	3000	58	10	93.6	32.1	64.4	71.2	5
3KP60A	3KP60CA	R-6	3000	60	10	96.8	31	66.7	73.7	5
3KP64A	3KP64CA	R-6	3000	64	10	103	29.1	71.1	78.6	5
3KP70A	3KP70CA	R-6	3000	70	10	113	26.5	77.8	86	5
3KP75A	3KP75CA	R-6	3000	75	10	121	24.8	83.3	92.1	5
3KP78A	3KP78CA	R-6	3000	78	10	126	23.8	86.7	95.8	5
3KP85A	3KP85CA	R-6	3000	85	10	137	21.9	94.4	104	5
3KP90A	3KP90CA	R-6	3000	90	10	146	20.5	100	111	5
3KP100A	3KP100CA	R-6	3000	100	10	162	18.5	111	123	5
3KP110A	3KP110CA	R-6	3000	110	10	177	16.9	122	135	5
3KP120A	3KP120CA	R-6	3000	120	10	193	15.5	133	147	5
3KP130A	3KP130CA	R-6	3000	130	10	209	14.4	144	159	5
3KP150A	3KP150CA	R-6	3000	150	10	243	12.3	167	185	5
3KP160A	3KP160CA	R-6	3000	160	10	259	11.6	178	197	5
3KP170A	3KP170CA	R-6	3000	170	10	275	10.9	189	209	5
3KP180A	3KP180CA	R-6	3000	180	10	289	10.4	200	221	5
3KP190A	3KP190CA	R-6	3000	190	10	310	9.7	211	233	5
3KP200A	3KP200CA	R-6	3000	200	10	329.2	9.1	222	246	5
3KP210A	3KP210CA	R-6	3000	210	10	349.5	8.6	233	258	5
3KP220A	3KP220CA	R-6	3000	220	10	371.1	8.1	244	270	5
5KP5.0A	5KP5.0CA	R-6	5000	5	5000	9.2	543	6.4	7	50
5KP6.0A	5KP6.0CA	R-6	5000	6	5000	10.3	485	6.67	7.37	50
5KP6.5A	5KP6.5CA	R-6	5000	6.5	2000	11.2	447	7.22	7.98	50
5KP7.0A	5KP7.0CA	R-6	5000	7	1000	12	417	7.78	8.6	50
5KP7.5A	5KP7.5CA	R-6	5000	7.5	250	12.9	388	8.33	9.21	5

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
5KP8.0A	5KP8.0CA	R-6	5000	8	150	13.6	367	8.89	9.83	5
5KP8.5A	5KP8.5CA	R-6	5000	8.5	50	14.4	347	9.44	10.4	5
5KP9.0A	5KP9.0CA	R-6	5000	9	20	15.4	325	10	11.1	5
5KP10A	5KP10CA	R-6	5000	10	15	17	294	11.1	12.3	5
5KP11A	5KP11CA	R-6	5000	11	10	18.2	274	12.2	13.5	5
5KP12A	5KP12CA	R-6	5000	12	10	19.9	251	13.3	14.7	5
5KP13A	5KP13CA	R-6	5000	13	10	21.5	232	14.4	15.9	5
5KP14A	5KP14CA	R-6	5000	14	10	23.2	215	15.6	17.2	5
5KP15A	5KP15CA	R-6	5000	15	10	24.4	206	16.7	18.5	5
5KP16A	5KP16CA	R-6	5000	16	10	26	192	17.8	19.7	5
5KP17A	5KP17CA	R-6	5000	17	10	27.6	181	18.9	20.9	5
5KP18A	5KP18CA	R-6	5000	18	10	29.2	172	20	22.1	5
5KP20A	5KP20CA	R-6	5000	20	10	32.4	154	22.2	24.5	5
5KP22A	5KP22CA	R-6	5000	22	10	35.5	141	24.4	26.9	5
5KP24A	5KP24CA	R-6	5000	24	10	38.9	128	26.7	29.5	5
5KP26A	5KP26CA	R-6	5000	26	10	42.1	119	28.9	31.9	5
5KP28A	5KP28CA	R-6	5000	28	10	45.4	110	31.1	34.4	5
5KP30A	5KP30CA	R-6	5000	30	10	48.4	103	33.3	36.8	5
5KP33A	5KP33CA	R-6	5000	33	10	53.3	94	36.7	40.6	5
5KP36A	5KP36CA	R-6	5000	36	10	58.1	86	40	44.2	5
5KP40A	5KP40CA	R-6	5000	40	10	64.5	78	44.4	49.1	5
5KP43A	5KP43CA	R-6	5000	43	10	69.4	72	47.8	52.8	5
5KP45A	5KP45CA	R-6	5000	45	10	72.7	69	50	55.3	5
5KP48A	5KP48CA	R-6	5000	48	10	77.4	65	53.3	58.9	5
5KP51A	5KP51CA	R-6	5000	51	10	82.4	61	56.7	62.7	5
5KP54A	5KP54CA	R-6	5000	54	10	87.1	57	60	66.3	5
5KP58A	5KP58CA	R-6	5000	58	10	93.6	53	64.4	71.2	5
5KP60A	5KP60CA	R-6	5000	60	10	96.8	52	66.7	73.7	5
5KP64A	5KP64CA	R-6	5000	64	10	103	49	71.1	78.6	5
5KP70A	5KP70CA	R-6	5000	70	10	113	44	77.8	86	5
5KP75A	5KP75CA	R-6	5000	75	10	121	41	83.3	92.1	5
5KP78A	5KP78CA	R-6	5000	78	10	126	40	86.7	95.8	5
5KP85A	5KP85CA	R-6	5000	85	10	137	36	94.4	104	5
5KP90A	5KP90CA	R-6	5000	90	10	146	34	100	111	5
5KP100A	5KP100CA	R-6	5000	100	10	162	31	111	123	5
5KP110A	5KP110CA	R-6	5000	110	10	177	28	122	135	5
5KP120A	5KP120CA	R-6	5000	120	10	193	26.4	133	147	5
5KP130A	5KP130CA	R-6	5000	130	10	209	24.4	144	159	5
5KP150A	5KP150CA	R-6	5000	150	10	243	21	167	185	5
5KP160A	5KP160CA	R-6	5000	160	10	259	19.7	178	197	5
5KP170A	5KP170CA	R-6	5000	170	10	275	18.5	189	209	5
5KP180A	5KP180CA	R-6	5000	180	10	292	17.5	200	221	5
5KP190A	5KP190CA	R-6	5000	190	10	310	16.5	211	233	5
5KP200A	5KP200CA	R-6	5000	200	10	329.2	15.5	222	246	5

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
5KP210A	5KP210CA	R-6	5000	210	10	349.5	14.6	233	258	5
5KP220A	5KP220CA	R-6	5000	220	10	371.1	13.7	244	270	5
5KP250A	5KP250CA	R-6	5000	250	10	425	12	277	306	5
SLD10A	SLD10CA	R-6	6000	10	10	17	350	11.8	13	5
SLD11A	SLD11CA	R-6	6000	11	10	18.2	327	12.2	13.5	5
SLD12A	SLD12CA	R-6	6000	12	10	19.9	300	13.3	14.7	5
SLD13A	SLD13CA	R-6	6000	13	10	21.5	277	14.4	15.9	5
SLD14A	SLD14CA	R-6	6000	14	10	23.2	257	15.6	17.2	5
SLD15A	SLD15CA	R-6	6000	15	10	24.4	245	16.7	18.5	5
SLD16A	SLD16CA	R-6	6000	16	10	26	229	17.8	19.7	5
SLD17A	SLD17CA	R-6	6000	17	10	27.6	216	18.9	20.9	5
SLD18A	SLD18CA	R-6	6000	18	10	29.2	204	20	22.1	5
SLD20A	SLD20CA	R-6	6000	20	10	32.4	184	22.2	24.5	5
SLD22A	SLD22CA	R-6	6000	22	10	35.5	168	24.4	26.9	5
SLD24A	SLD24CA	R-6	6000	24	10	38.9	153	25	30	5
SLD26A	SLD26CA	R-6	6000	26	10	42.1	142	28.9	31.9	5
SLD28A	SLD28CA	R-6	6000	28	10	45.4	131	31.1	34.4	5
SLD30A	SLD30CA	R-6	6000	30	10	48.4	123	33.3	36.8	5
SLD33A	SLD33CA	R-6	6000	33	10	53.3	112	36.7	40.6	5
SLD36A	SLD36CA	R-6	6000	36	10	58.1	103	40	44.2	5
SLD40A	SLD40CA	R-6	6000	40	10	64.5	92.5	44.4	49.1	5
SLD43A	SLD43CA	R-6	6000	43	10	69.4	86	49	54.2	5
SLD48A	SLD48CA	R-6	6000	48	10	77.4	77	53.3	58.9	5
SLD54A	SLD54CA	R-6	6000	54	10	87.1	68.5	60	66.3	5
SLD58A	SLD58CA	R-6	6000	58	10	93.6	64	64.4	71.2	5
SLD60A	SLD60CA	R-6	6000	60	10	96.8	61.5	68.4	75.6	5
15KP17A	15KP17CA	R-6	15000	17	5000	29.3	512	18.9	20.79	50
15KP18A	15KP18CA	R-6	15000	18	5000	30.9	485	20	22.01	50
15KP20A	15KP20CA	R-6	15000	20	1500	34.3	437	22.2	24.46	20
15KP22A	15KP22CA	R-6	15000	22	500	37.1	404	24.4	26.91	10
15KP24A	15KP24CA	R-6	15000	24	150	40.5	369	26.7	29.35	5
15KP26A	15KP26CA	R-6	15000	26	50	44	347	28.9	31.8	5
15KP28A	15KP28CA	R-6	15000	28	25	47.5	316	31.1	34.24	5
15KP30A	15KP30CA	R-6	15000	30	15	50.7	296	33.3	36.69	5
15KP33A	15KP33CA	R-6	15000	33	10	54.8	274	36.7	40.4	5
15KP36A	15KP36CA	R-6	15000	36	10	59.7	251	40	44	5
15KP40A	15KP40CA	R-6	15000	40	10	65.8	228	44.4	48.9	5
15KP43A	15KP43CA	R-6	15000	43	10	69.7	215	47.8	52.6	5
15KP45A	15KP45CA	R-6	15000	45	10	73	205	50	55	5
15KP48A	15KP48CA	R-6	15000	48	10	77.7	193	53.3	58.7	5
15KP51A	15KP51CA	R-6	15000	51	10	82.8	181	56.7	62.4	5
15KP54A	15KP54CA	R-6	15000	54	10	87.5	171	60	66	5
15KP58A	15KP58CA	R-6	15000	58	10	94	160	64.4	70.9	5
15KP60A	15KP60CA	R-6	15000	60	10	97.3	154	66.7	73.4	5

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
15KP64A	15KP64CA	R-6	15000	64	10	104	144	71.1	78.3	5
15KP70A	15KP70CA	R-6	15000	70	10	114	132	77.8	85.6	5
15KP75A	15KP75CA	R-6	15000	75	10	122	123	83.3	91.7	5
15KP78A	15KP78CA	R-6	15000	78	10	126	119	86.7	95.4	5
15KP85A	15KP85CA	R-6	15000	85	10	137	109	94.4	104	5
15KP90A	15KP90CA	R-6	15000	90	10	146	103	100	110.1	5
15KP100A	15KP100CA	R-6	15000	100	10	162	93	111	122.3	5
15KP110A	15KP110CA	R-6	15000	110	10	178	84	122	134.5	5
15KP120A	15KP120CA	R-6	15000	120	10	193	78	133	146.8	5
15KP130A	15KP130CA	R-6	15000	130	10	209	72	144	159	5
15KP150A	15KP150CA	R-6	15000	150	10	243	62	167	183.5	5
15KP160A	15KP160CA	R-6	15000	160	10	259	58	178	195.7	5
15KP170A	15KP170CA	R-6	15000	170	10	275	55	189	207.9	5
15KP180A	15KP180CA	R-6	15000	180	10	291	52	200	220.1	5
15KP200A	15KP200CA	R-6	15000	200	10	322	47	222	244.6	5
15KP220A	15KP220CA	R-6	15000	220	10	356	42	245	269.1	5
15KP240A	15KP240CA	R-6	15000	240	10	388	39	267	293.5	5
15KP260A	15KP260CA	R-6	15000	260	10	419	36	289	318	5
15KP280A	15KP280CA	R-6	15000	280	10	452	33	311	342.4	5
30KP28A	30KP28CA	R-6	30000	28	5000	50	606	31.28	34.24	50
30KP30A	30KP30CA	R-6	30000	30	5000	55.2	548.9	33.51	36.69	50
30KP33A	30KP33CA	R-6	30000	33	5000	58.5	517.9	36.9	40.4	50
30KP36A	30KP36CA	R-6	30000	36	5000	61.8	490.3	40.2	44	50
30KP39A	30KP39CA	R-6	30000	39	2000	67.2	450.9	43.6	47.7	20
30KP42A	30KP42CA	R-6	30000	42	1000	72	420.8	46.9	51.4	10
30KP43A	30KP43CA	R-6	30000	43	1000	73	415.1	48	52.6	10
30KP45A	30KP45CA	R-6	30000	45	250	77.4	391.5	50.3	55	5
30KP48A	30KP48CA	R-6	30000	48	150	81.6	371.3	53.6	58.7	5
30KP51A	30KP51CA	R-6	30000	51	50	86.4	350.7	57	62.4	5
30KP54A	30KP54CA	R-6	30000	54	20	91.4	331.5	60.3	66	5
30KP58A	30KP58CA	R-6	30000	58	20	92.4	327.9	64.8	70.9	5
30KP60A	30KP60CA	R-6	30000	60	15	102	297.1	67	73.4	5
30KP64A	30KP64CA	R-6	30000	64	10	104	291.3	71.5	78.3	5
30KP66A	30KP66CA	R-6	30000	66	10	107	283.2	73.7	80.7	5
30KP70A	30KP70CA	R-6	30000	70	10	109	278	78.2	85.6	5
30KP71A	30KP71CA	R-6	30000	71	10	111.5	271.7	79.3	86.8	5
30KP72A	30KP72CA	R-6	30000	72	10	114	265.8	80.4	88.1	5
30KP75A	30KP75CA	R-6	30000	75	10	119.4	253.8	83.8	91.7	5
30KP78A	30KP78CA	R-6	30000	78	10	129	234.9	87.1	95.4	5
30KP84A	30KP84CA	R-6	30000	84	10	139.2	217.7	93.8	102.7	5
30KP90A	30KP90CA	R-6	30000	90	10	146.4	207	100.5	110.1	5
30KP96A	30KP96CA	R-6	30000	96	10	156	194.2	107.2	117.4	5
30KP102A	30KP102CA	R-6	30000	102	10	165.6	183	113.9	124.7	5
30KP108A	30KP108CA	R-6	30000	108	10	175.2	172.9	120.6	132.1	5

TVS

Part Number		Package	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P_{PK} (W)	V_{RWM}(V)	I_R(uA)	V_C (V)	I_{PP}(A)	V_{BR}(V) Min	V_{BR}(V) Max	I_T (mA)
30KP120A	30KP120CA	R-6	30000	120	10	194.4	155.9	134	146.8	5
30KP132A	30KP132CA	R-6	30000	132	10	213	142.3	147.4	161.4	5
30KP144A	30KP144CA	R-6	30000	144	10	223.2	135.8	160.8	176.1	5
30KP150A	30KP150CA	R-6	30000	150	10	233.4	129.8	167.6	183.5	5
30KP156A	30KP156CA	R-6	30000	156	10	245	123.7	174.3	190.8	5
30KP160A	30KP160CA	R-6	30000	160	10	252.6	120	178.7	195.7	5
30KP168A	30KP168CA	R-6	30000	168	10	272.4	111.2	187.7	205.5	5
30KP170A	30KP170CA	R-6	30000	170	10	275	110.2	189.9	207.9	5
30KP180A	30KP180CA	R-6	30000	180	10	290.4	104.3	201.1	220.1	5
30KP198A	30KP198CA	R-6	30000	198	10	319.8	94.7	221.2	242.2	5
30KP216A	30KP216CA	R-6	30000	216	10	348.6	86.9	241.3	264.2	5
30KP240A	30KP240CA	R-6	30000	240	10	387	78.3	268.1	293.5	5
30KP258A	30KP258CA	R-6	30000	258	10	416.4	72.8	288.2	315.5	5
30KP260A	30KP260CA	R-6	30000	260	10	416	72.8	290.4	318	5
30KP270A	30KP270CA	R-6	30000	270	10	436.2	69.5	301.6	330.2	5
30KP280A	30KP280CA	R-6	30000	280	10	464	65.3	312.8	342.4	5
30KP288A	30KP288CA	R-6	30000	288	10	469.9	64.5	321.7	352.2	5

ESD Protection Devices

Part Number	Package	Channel	Peak Power Dissipation	Reverse Standoff Voltage	Maximum Reverse Leakage Current	Test Current	Breakdown Voltage @I_T=1mA		Maximum Clamping Voltage	Maximum Peak Pulse Current	Junction Capacitance	Internal Diagram
			P_{PK}(W)	V_{RWM}(V)	I_R (uA)	I_T(mA)	V_{BR}(V) Min	V_{BR}(V) Max	V_C (V)	I_{PP}(A)	C_J(pF)	
ESDLC3V3AE2	0201-A	1	-	3.3	0.2	1	4.3	-	10	3	3	Fig.1
ESDLC5V0AE3	0201-C	1	30	5	0.1	1	6	11	12	2	3	Fig.1
ESDBV5V0AE1	0201	1	52	5	1	1	5.6	8	13	4	2	Fig.1
ESDBL5V0AE1	0201	1	62.5	5	0.1	1	5.8	8	12.5	5	10	Fig.1
ESDU5V0AE1	0201	1	80	5	1	1	5.8	9.4	20	4	0.9	Fig.2
ESDB5V0AE2	0201-A	1	84	5	0.1	1	6	9	12	7	25	Fig.1
ESDLC5V0AE2	0201-A	1	120	5	0.1	1	6	9	15	8	15	Fig.1
ESDSLC5V0AE2	0201-A	1	125	5	0.1	1	6	-	25	5	0.32	Fig.1
ESDULC5V0AE2	0201-A	1	-	5	0.1	1	6	-	11	1	3	Fig.1
ESDSLC18VAE1	0201	1	120	18	1	1	19	24	40	3.3	0.5	Fig.1
ESDLC0524DFN10	DFN-10	4	150	5	0.9	1	6.1	8.5	18	5	0.8	Fig.5
ESDLC5V0DFN10	DFN-10	4	150	5	1	1	6	-	28	5	0.5	Fig.5
ESDSLC0524DFN10	DFN-10	4	-	5	0.9	1	6	-	15	5	0.8	Fig.5
ESDL3V3LB	DFN1006-2	1	80	3.3	0.05	0.002	3.8	-	8	8	25	Fig.1
ESDSLC3V3LB	DFN1006-2	1	100	3.3	0.05	1	5	-	20	5	0.3	Fig.1
ESDLC3V3L	DFN1006-2	1	150	3.3	0.5	0.002	3.5	-	15	10	20	Fig.2
ESD3V3L	DFN1006-2	1	300	3.3	1	1	4.2	6	15	20	250	Fig.2
ESDLC3V3LB	DFN1006-2	1	-	3.3	0.1	1	4.3	6.8	11	1	3.1	Fig.1
ESD4V5LB	DFN1006-2	1	540	4.5	0.5	1	4.8	6	12	45	100	Fig.1
ESDLC5V0L3B	DFN1006-2A	1	60	5	0.2	1	6	-	12	5	10	Fig.1
ESDLC5V0L2B	DFN1006-2L	1	75	5	0.5	1	5.6	-	15	5	15	Fig.1
ESDLC5V0LB	DFN1006-2	1	80	5	0.2	1	6	8	10	8	20	Fig.1
ESDSLC5V0L	DFN1006-2	1	80	5	0.1	1	6	-	16	4	0.7	Fig.3
ESDSLC5V0LB	DFN1006-2	1	80	5	0.5	1	6	9	20	4	0.35	Fig.1
ESD5V0L	DFN1006-2	1	300	5	0.5	1	6	-	15	20	160	Fig.2
ESD5V0LB	DFN1006-2	1	400	5	0.5	1	6	9	16	25	100	Fig.1
ESDULC5V0LB	DFN1006-2	1	-	5	0.1	1	6	-	11	1	3	Fig.1
ESDLC5V0LTB	DFN1006-3	2	-	5	0.5	1	6	-	10	1	5	Fig.4
ESDSLC16VLB	DFN1006-2	1	30	16	0.1	1	18	-	30	1	0.9	Fig.1
ESD7V0LB	DFN1006-2	1	80	7	0.2	1	7.5	-	16	5	15	Fig.1
ESDSLC18VLB	DFN1006-2	1	80	18	0.2	1	19.5	-	40	2	0.3	Fig.1
ESD7V0L	DFN1006-2	1	300	7	0.5	1	7.5	-	17	18	90	Fig.2
ESD12VL	DFN1006-2	1	300	12	0.1	1	13.3	-	25	12	60	Fig.2
ESD15VL	DFN1006-2	1	300	15	0.5	1	16.7	20	30	10	65	Fig.2
ESD24VLB	DFN1006-2	1	300	24	0.1	1	27	-	40	5	20	Fig.1
ESD12VLB	DFN1006-2	1	350	12	0.1	1	13.3	-	25	14	50	Fig.1
ESDLC0502P2	DFN1210-6	2	125	5	0.5	1	6	-	25	5	0.5	Fig.6
ESD4571P6	DFN1610-2	1	2400	4.5	0.2	1	4.8	-	18	135	600	Fig.2
ESDLC0502P6	DFN1610-6	2	125	5	0.5	1	6	-	25	5	1	Fig.7
ESDLC0503P6	DFN1610-6	3	100	5	0.5	1	6	-	25	4	0.5	Fig.8
ESDLC0534P3	DFN1616-6L	4	75	5	0.5	1	6	-	15	5	0.4	Fig.37
ESDLC0504P3	DFN1616-6	3	60	5.5	0.5	1	6.5	-	12	5	0.4	Fig.10
ESDLC3603P3	DFN1616-6	3	100	5.5	0.5	1	6.5	-	20	5	0.5	Fig.9
ESDLC0554P3	DFN1616-6L	4	240	5.5	0.1	1	6	-	22	11	2	Fig.37

ESD Protection Devices

Part Number	Package	Channel	Peak Power Dissipation	Reverse Standoff Voltage	Maximum Reverse Leakage Current	Test Current	Breakdown Voltage @I_T=1mA		Maximum Clamping Voltage	Maximum Peak Pulse Current	Junction Capacitance	Internal Diagram
			P_{PK}(W)	V_{RWM}(V)	I_R (uA)	I_T(mA)	V_{BR}(V) Min	V_{BR}(V) Max	V_C (V)	I_{PP}(A)	C_J(pF)	
ESD4V5P4	DFN2020-3L	1	6500	4.5	5	1	4.8	-	22	300	680	Fig.35
ESD4V5P4B	DFN2020-3L	1	4000	4.5	1	1	4.8	-	19	210	400	Fig.36
ESD7V0P4	DFN2020-3L	1	4000	7	1	1	7.5	-	22	180	1500	Fig.35
ESD12VP4	DFN2020-3L	1	4000	12	1	1	14	-	30	130	450	Fig.35
ESDLC3304P5	DFN2510-10	4	50	3.3	0.5	0.002	3.5	-	10	5	0.8	Fig.11
ESDLC0544P5	DFN2510-10	4	100	6	0.5	1	6	-	25	4	0.3	Fig.12
ESDLC3304P8	DFN2626-10	4	450	3.3	0.5	0.005	3.5	-	18	25	2	Fig.13
ESDLC2504P9	DFN3020-10	4	1000	2.5	0.5	0.002	2.7	-	25	40	2.5	Fig.14
ESDLC5V0PB8	DFN3810-9	8	100	5	0.5	1	6	-	20	5	0.35	Fig.15
ESDLC5V0PA6	DFN4120-10	6	100	5	0.5	1	6	-	20	5	0.4	Fig.16
ESD3V3D9	SOD-923	1	100	3.3	1	1	5	-	8.8	5	50	Fig.2
ESD3V3D9B	SOD-923	1	80	3.3	1	1	4	-	-	-	8	Fig.1
ESD5V0D9	SOD-923	1	100	5	1	1	6	7.2	11	5	40	Fig.2
ESD5V0D9B	SOD-923	1	80	5	1	1	5.6	7.8	11	5	15	Fig.1
ESDLC5V0D9	SOD-923	1	100	5	1	1	5.4	8.5	9.8	1	0.5	Fig.2
ESDLC5V0D9B	SOD-923	1	80	5	1	1	5.6	7.8	-	-	2.1	Fig.1
ESD7V0D9	SOD-923	1	100	7	1	1	8	-	14.8	5	30	Fig.2
ESD12VD9	SOD-923	1	100	12	1	1	13.5	-	18.4	1	15	Fig.2
ESDSLC3V3LPBE	SOD-882E	1	-	3.3	1	1	4.8	-	10	1	0.9	Fig.1
ESD5V0LP	SOD-882	1	107	5	1	1	6.2	7.3	12.3	8.7	65	Fig.2
ESD5V0LPB	SOD-882	1	-	5	0.1	1	5.8	8.8	12.5	11.2	30	Fig.1
ESDLC5V0LPB	SOD-882	1	-	5	0.1	1	5.8	8	12.5	5	12	Fig.1
ESDSLC5V0LP	SOD-882	1	-	5	1	1	5.4	9.4	10	1	0.9	Fig.2
ESDSLC5V0LPB	SOD-882	1	-	5	1	1	5.6	8	13	4	3	Fig.1
ESD3V3D7	SOD-723	1	113	3.3	2.5	1	5	-	11.9	10.4	80	Fig.2
ESD5V0D7	SOD-723	1	117	5	1	1	6.2	-	13.3	8.8	65	Fig.2
ESDLC5V0D7B	SOD-723	1	100	5	0.1	1	5.8	-	12.5	5	12	Fig.1
ESD12VD7	SOD-723	1	128	12	1	1	13.5	-	23.7	5.4	30	Fig.2
ESD3V3D5	SOD-523	1	220	3.3	0.08	1	5	-	13	16	105	Fig.2
ESD3V3D5B	SOD-523	1	96	3.3	0.5	1	4.2	6.5	12	8	16	Fig.1
ESDH3V0D5B	SOD-523	1	325	3.3	1	1	3.8	6	13	25	36	Fig.1
ESDLC3V3D5	SOD-523	1	155	3.3	0.1	0.002	3.5	-	14.5	11	12	Fig.3
ESD5V0D5	SOD-523	1	174	5	0.08	1	6.2	-	18.6	9.4	80	Fig.2
ESD5V0D5B	SOD-523	1	150	5	1	1	5.8	8.8	13	12	27	Fig.1
ESDBV5V0D5	SOD-523	1	52	5	1	1	5.6	8	13	4	3	Fig.1
ESDH5V0D5	SOD-523	1	300	5	0.5	1	6	-	14	22	160	Fig.2
ESDLC5V0D5B	SOD-523	1	-	5	0.1	1	5.8	7.8	12	5	12	Fig.1
ESDSLC5V0D5	SOD-523	1	80	5	0.5	1	6	-	16	5	0.7	Fig.3
ESD7V0D5	SOD-523	1	200	7	0.03	1	7.5	-	22.7	8.8	65	Fig.2
ESD12VD5	SOD-523	1	240	12	0.02	1	14.1	-	25	9.6	55	Fig.2
ESD15VD5	SOD-523	1	350	15	0.2	1	18	-	32	11	80	Fig.2
ESD24VD5	SOD-523	1	330	24	1	1	26.7	33	44	7.5	36	Fig.2
ESD3V3D3	SOD-323	1	500	3.3	1	1	5	-	9.3	7	100	Fig.2
ESD3V3D3B	SOD-323	1	500	3.3	0.5	0.002	4.2	6	17	30	200	Fig.1

ESD Protection Devices

Part Number	Package	Channel	Peak Power Dissipation	Reverse Standoff Voltage	Maximum Reverse Leakage Current	Test Current	Breakdown Voltage @I_T=1mA		Maximum Clamping Voltage	Maximum Peak Pulse Current	Junction Capacitance	Internal Diagram
			P_{PK}(W)	V_{RWM}(V)	I_R (uA)	I_T(mA)	V_{BR}(V) Min	V_{BR}(V) Max	V_C (V)	I_{PP}(A)	C_J(pF)	
ESDLC3V3D3	SOD-323	1	350	3.3	20	1	4	-	36	28	4.5	Fig.3
ESDLC3V3D3B	SOD-323	1	350	3.3	1	1	4	-	36	28	4.5	Fig.18
ESDSLC3V3D3B	SOD-323	1	350	3.3	0.1	1	4	-	8	20	1.5	Fig.18
ESDN4V5D3B	SOD-323	1	2000	4.5	1	1	4.7	-	15	135	300	Fig.1
ESD5V0D3	SOD-323	1	350	5	1	1	6.2	7.3	9.8	15	350	Fig.2
ESD5V0D3B	SOD-323	1	130	5	1	1	5.8	8.8	15	8	27	Fig.1
ESDH5V0D3B	SOD-323	1	476	5	1	1	5.5	7.5	17	28	60	Fig.1
ESDLC5V0D3	SOD-323	1	350	5	5	1	6	-	32	21	5	Fig.3
ESDLC5V0D3B	SOD-323	1	350	5	1	1	6	-	32	21	5	Fig.18
ESDSLC5V0D3B	SOD-323	1	350	5	0.5	1	6	7 TYP	28	18	2	Fig.18
SD05	SOD-323	1	500	5	1	1	6	-	12.5	40	350	Fig.2
SD05C	SOD-323	1	350	5	1	1	6	-	13.5	30	125	Fig.1
ESDLC8V0D3B	SOD-323	1	350	8	1	1	8.5	-	31.6	18	3	Fig.18
ESDSLC8V0D3B	SOD-323	1	350	8	0.2	1	8.5	10	19.5	18	2	Fig.18
ESD12VD3	SOD-323	1	350	12	1	1	13.3	15.75	22	12	150	Fig.2
ESD12VD3B	SOD-323	1	350	12	1	1	13.5	-	15.5	1	100	Fig.1
ESDLC12VD3B	SOD-323	1	350	12	1	1	13.3	-	28.6	11	3	Fig.18
ESDN12VD3	SOD-323	1	990	12	1	1	13	16.5	27	30	100	Fig.2
ESDULC12VD3B	SOD-323	1	500	12	0.2	1	13.3	17.8	29	12	2	Fig.18
SD15C	SOD-323	1	350	15	1	1	16.7	-	40	12	75	Fig.1
ESD18VD3B	SOD-323	1	400	18	1	1	20	-	40	10	20	Fig.1
ESDLC24VD3	SOD-323	1	330	24	1	1	26.7	33	44	7.5	36	Fig.3
ESDLC24VD3B	SOD-323	1	350	24	1	1	26.7	33	45	6	3	Fig.18
SD24C	SOD-323	1	350	24	1	1	26.7	-	62	8	50	Fig.1
SD36C	SOD-323	1	240	36	1	1	40	48	80	3	15	Fig.1
ESD39VD3B	SOD-323	1	200	39	0.1	1	-	35.1	-	-	30	Fig.1
ESDH12VD3L	SOD-323FL	1	350	12	1	1	13.3	-	19	15	100	Fig.2
ESDH12VD1	SOD-123	1	4200	12	1	1	13	16	35	120	620	Fig.2
ESDLC5V0BM	SOT-883	2	50	5	0.1	1	5.8	8	10	5	10	Fig.26
ESDLC5V0T7	SOT-723	2	110	5	1	1	5.6	-	23	5.5	2	Fig.23
ESDU5V0T5	SOT-523	2	56	5	1	1	5.4	9.4	11	4	0.5	Fig.23
SM05BT	SOT-523	2	60	5	0.1	1	5	8.3	12	5	10.5	Fig.26
ESDLC5V0T5	SOT-523	2	125	5	1	1	5.6	-	23	5	2	Fig.23
ESDLC3V0L4	SOT-553	4	20	3	1	1	5	5.9	8	2.5	9	Fig.32
ESDLC5V0L4	SOT-553	4	20	5	1	1	6	7.2	11	1.6	14	Fig.32
ESD5V0L4	SOT-553	4	200	5	5	1	6	7.2	13.5	5	80	Fig.32
ESDLC5V0M5	SOT-563	5	20	5	1	1	6.2	7.2	12	1.6	10	Fig.33
ESDU5V0M5	SOT-563	4	90	5	1	1	6	10	25	3.5	0.8	Fig.34
ESD5V0M5	SOT-563	5	100	5	5	1	6	7.2	13.5	5	32	Fig.33
SRV05-4S	SOT-563	4	125	5	1	1	6	8.8	25	5	0.8	Fig.31
ESDLC5V0J4	SOT-353	4	20	5	1	1	6	7.2	9.8	1.6	14.5	Fig.32
ESD5V0J4	SOT-353	4	200	5	2	1	6	7.2	12.5	5	90	Fig.32
SRV05-4	SOT-363	4	-	5	2	1	6	-	15	1	2	Fig.31
ESD5V0K5	SOT-363	5	100	5	5	1	6	7.2	12.5	8	130	Fig.33

ESD Protection Devices

Part Number	Package	Channel	Peak Power Dissipation	Reverse Standoff Voltage	Maximum Reverse Leakage Current	Test Current	Breakdown Voltage @I_T=1mA		Maximum Clamping Voltage	Maximum Peak Pulse Current	Junction Capacitance	Internal Diagram
			P_{PK}(W)	V_{RWM}(V)	I_R (uA)	I_T(mA)	V_{BR}(V) Min	V_{BR}(V) Max	V_C (V)	I_{PP}(A)	C_J(pF)	
ESDLC5V0K5	SOT-363	5	100	5	1	1	6	7.2	10.8	1.6	11.5	Fig.33
SLVU2.8	SOT-23	2	500	2.8	1	1	3	4 TYP	8	5	13	Fig.27
ESD3V3AP	SOT-23	2	300	3.3	10	1	5	5.9	7.5	13.3	150	Fig.23
SM3.3B	SOT-23	2	350	3.3	1.5	1	4	6.5	10	25	100	Fig.26
SM3.3	SOT-23	2	360	3.3	1.5	1	5.2	6	20	18	200	Fig.23
LSM05B	SOT-23	2	50	5	0.1	1	5.8	8	10	5	15	Fig.26
ESDU5V0C2	SOT-23	2	87.5	5	1	1	6	-	25	3.5	0.8	Fig.25
ESDSLC5V0T2	SOT-23	2	100	5	0.5	1	6	-	20	5	0.4	Fig.23
SM05	SOT-23	2	300	5	10	1	6.2	7.3	9.8	12	110	Fig.23
SM05B	SOT-23	2	300	5	1	1	6	-	15	20	80	Fig.26
ESDLC5V0C2	SOT-23	1	650	5	1	1	6	8	26	25	2	Fig.24
ESDA6V1L	SOT-23	2	300	5.25	20	1	6.1	7.2	-	-	140	Fig.23
SL12	SOT-23	1	300	12	0.5	1	13.3	-	24	12	5	Fig.37
SM12	SOT-23	2	300	12	1	1	13.3	15.75	19	11.2	60	Fig.23
SM12B	SOT-23	2	300	12	0.5	1	13.3	-	30	10	32	Fig.26
SM12C	SOT-23	2	300	12	1	1	13.3	15.75	19	11.2	95	Fig.28
SM712	SOT-23	2	400	12	1	1	7.5	-	21	5	45	Fig.26
SM15B	SOT-23	2	300	15	0.2	1	17	-	35	8	25	Fig.26
SM22	SOT-23	2	300	22	1	1	27	-	44	3	80	Fig.23
SM24B	SOT-23	2	300	24	0.2	1	27	-	50	4	20	Fig.26
SM36	SOT-23	2	240	36	1	1	40	48	80	3	30	Fig.23
SM36B	SOT-23	2	300	36	0.2	1	38	-	90	3	15	Fig.26
ESDA6V1-4L	SOT23-6L	4	80	5	1	1	6.1	-	12	3	10	Fig.30
ESDU5V0H4	SOT23-6L	4	125	5	1	1	6.5	8.8	25	5	0.8	Fig.31
ESD5V0K4	SOT23-6L	4	300	5	1	1	6	-	15	20	140	Fig.29
SRV05-4A	SOT23-6L	4	300	5	5	1	6	-	25	12	3	Fig.31
SRV05-4L	SOT23-6L	4	350	5	1	1	6	-	17.5	12	1.5	Fig.31
PSRV05-4	SOT23-6L	4	500	5	1	1	6	-	20	25	4	Fig.31
ESD12VK4	SOT23-6L	4	220	12	1	1	13.3	16.5	24	9	45	Fig.29
LSR05	SOT-143	2	90	5	0.5	1	6	-	18	5	0.4	Fig.21
ESD5V0T143-4U	SOT-143	2	500	5	5	1	6	-	20	28	3	Fig.21
SR05	SOT-143	2	500	5	0.5	1	6	-	20	25	6	Fig.21
SR70	SOT-143	2	-	70	5	1	-	85	7	24	10	Fig.22
ESD2V8P8U	SOP-8	4	400	2.8	1	1	3	-	8.5	5	3	Fig.19
ESDLC2V8P8U	SOP-8	4	400	2.8	1	1	3	-	8	5	0.7	Fig.19
SLVU2.8-4	SOP-8	4	600	2.8	1	1	-	3	15	24	1	Fig.19
LC03-3.3	SOP-8	2	7200	3.3	0.5	0.002	3.5	-	48	150	16	Fig.20
ESDLC0514MP	MSOP-10	4	100	5	0.5	1	6	-	20	5	0.5	Fig.17

ESD Protection Devices

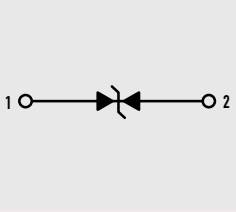


Fig.1

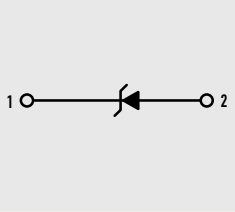


Fig.2

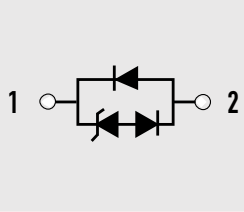


Fig.3

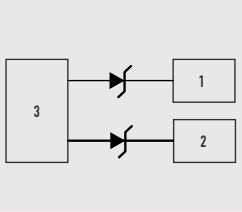


Fig.4

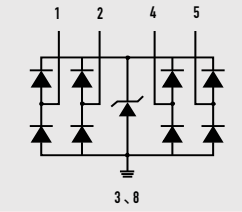


Fig.5

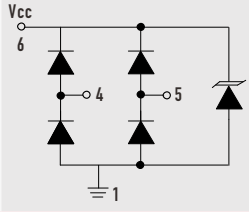


Fig.6

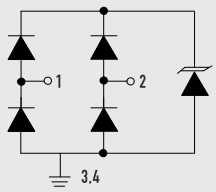


Fig.7

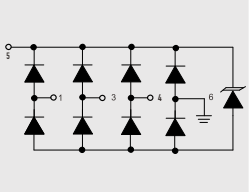


Fig.8

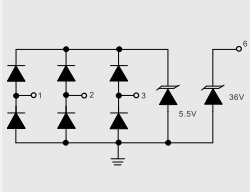


Fig.9

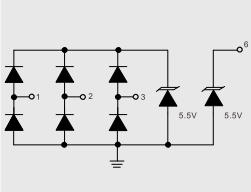


Fig.10

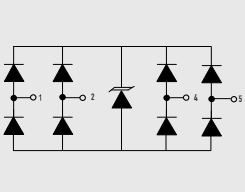


Fig.11

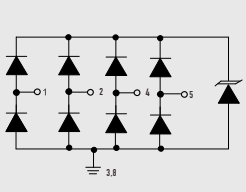


Fig.12

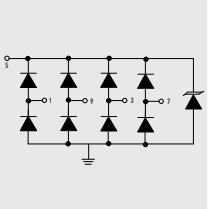


Fig.13

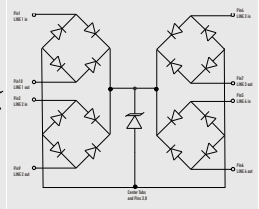


Fig.14

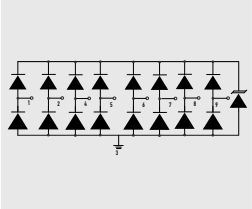


Fig.15

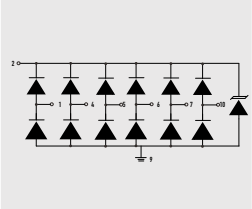


Fig.16

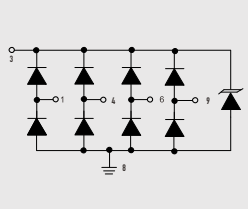


Fig.17

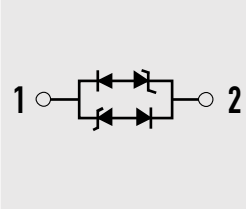


Fig.18

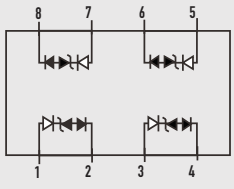


Fig.19

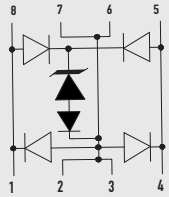


Fig.20

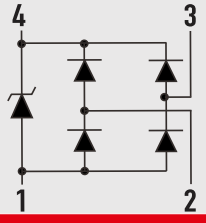


Fig.21

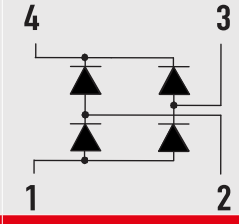


Fig.22

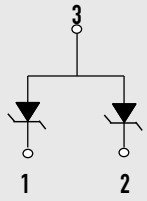


Fig.23

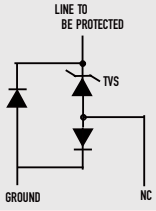


Fig.24

ESD Protection Devices

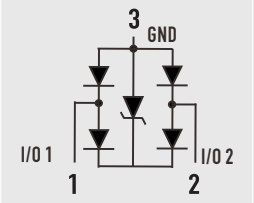


Fig.25

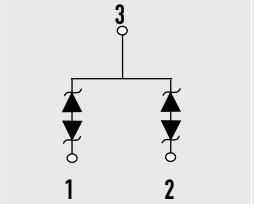


Fig.26

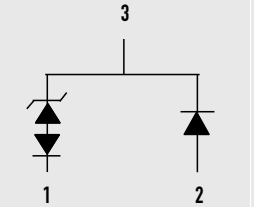


Fig.27

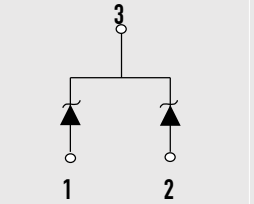


Fig.28

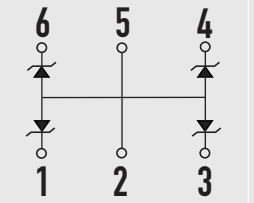


Fig.29

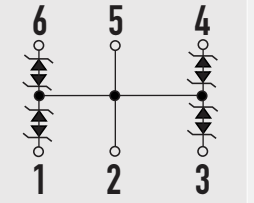


Fig.30

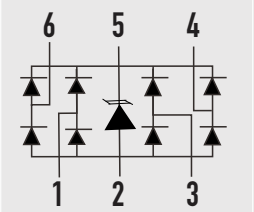


Fig.31

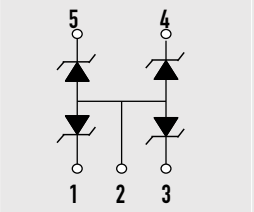


Fig.32

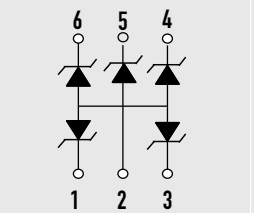


Fig.33

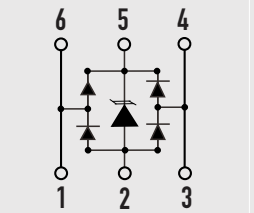


Fig.34

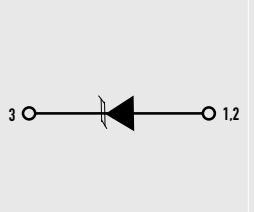


Fig.35

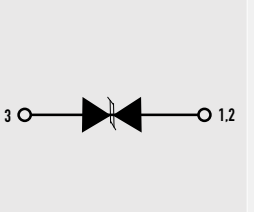


Fig.36

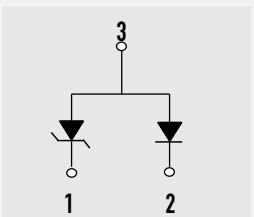
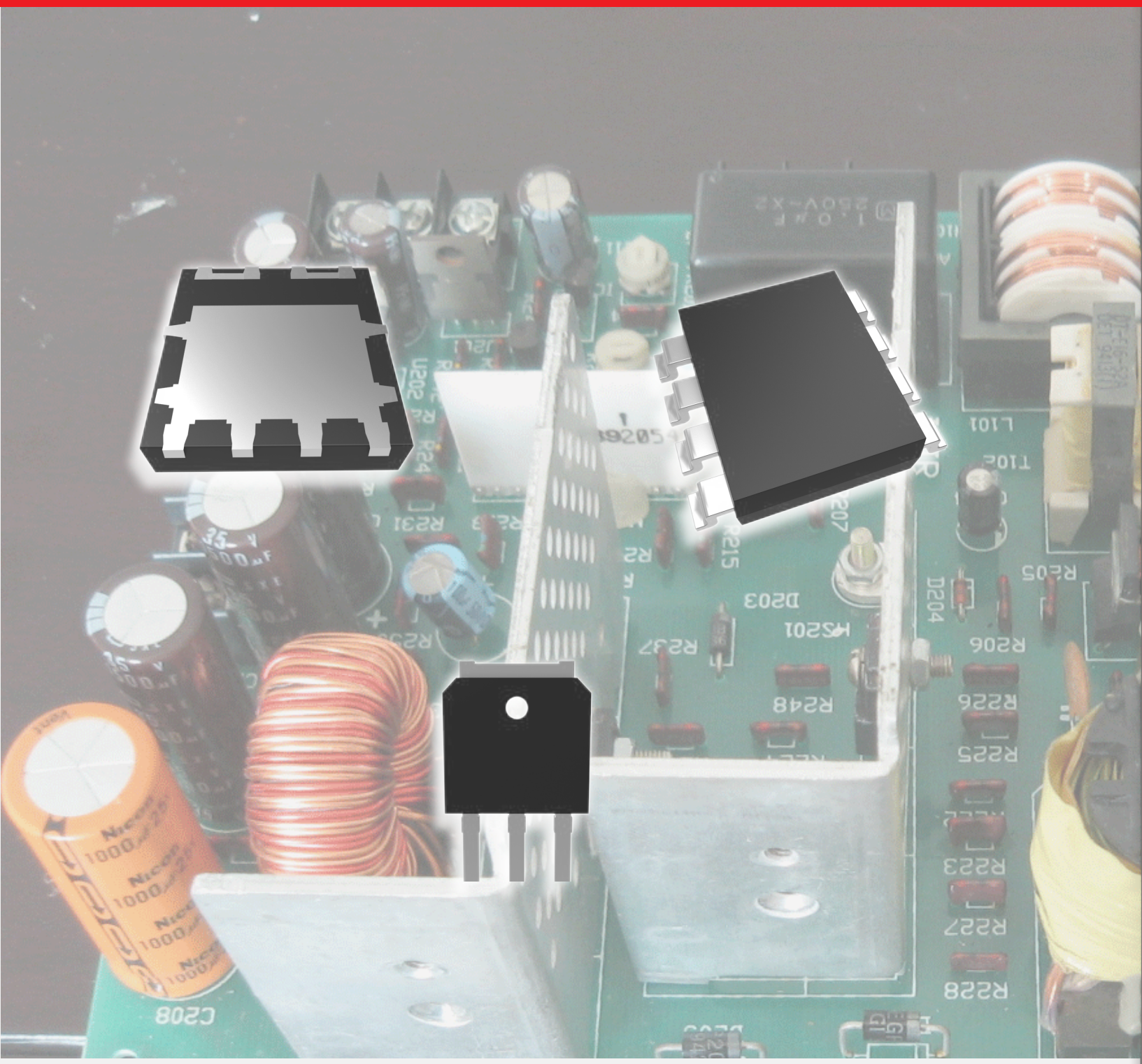


Fig.37

MOSFETs

* Low Rdson device 20V~100V
* High voltge type 650V
* Popular DFN packages



MOSFETs

Part Number	Package	Polarity	Power Rating	Drain-Source Voltage	Gate Threshold Voltage	Drain Current	Static Drain-Source On-Resistance			Gate Threshold Voltage (Min)	Gate Threshold Voltage (Max)	Input Capacitance	ESD Diodes (Y/N)	Internal Diagram
			P_D(W)	V_{DS} (V)	V_{GS} (V)	I_D (A)	$R_{DS(ON)}$(Ω) @10V	$R_{DS(ON)}$ (Ω) @4.5V	$R_{DS(ON)}$ (Ω) @2.5V	$V_{GS(th)}$ (V)	$V_{GS(th)}$ (V)	C_{iss}(pF)		
MCMN2012	DFN2020-6J	N	0.75	20	±10	12	-	0.015	0.018	0.35	1	1800	No	Fig.11
MCG30N03	DFN3030	N	25	30	±20	30	0.009	0.013	-	1	2.3	1490	No	Fig.23
MCAC10H03	DFN5060-8	N	2	30	±20	100	0.0025	0.0035	-	1.2	2.5	5000	No	Fig.23
MCAC16N03	DFN5060-8L	N	30	30	±20	16	0.009	0.014	-	1	3	1530	No	Fig.23
MCAC80N06Y	DFN5060	N	85	60	±20	80	0.0042	0.0052	-	1.1	2.5	3980	No	Fig.23
SI3134KL	SOT-883	N	0.1	20	±12	0.75	-	0.38	0.45	0.35	1.1	79	Yes	Fig.3
SI3134K	SOT-723	N	0.15	20	±12	0.75	-	0.38	0.45	0.35	1	79	Yes	Fig.3
MC3541	SOT-723	N	0.15	30	±20	0.1	-	-	13	0.8	1.5	13	Yes	Fig.3
2N7002KM	SOT-723	N	0.15	60	±20	0.34	4	4.5	-	1	2.5	40	Yes	Fig.3
SI1012	SOT-523	N	0.275	20	±12	1	-	0.7	0.85	0.45	1.2	100	Yes	Fig.3
SI3134KE	SOT-523	N	0.15	20	±12	0.75	-	0.38	0.45	0.35	1.1	120	Yes	Fig.3
SI4153	SOT-523	N	0.15	20	±6.0	0.915	-	0.57	0.62	0.45	1.1	110	Yes	Fig.3
2SK3019	SOT-523	N	0.15	30	±20	0.1	-	-	13	0.8	1.5	13	Yes	Fig.3
2SK3019A	SOT-523	N	0.15	30	±20	0.1	-	8	-	0.8	1.5	13	Yes	Fig.3
2N7002T	SOT-523	N	0.15	60	±20	0.115	13.5	-	-	1	2	50	No	Fig.1
SI2102	SOT-323	N	0.2	20	±8.0	2.1	-	0.06	0.11	0.6	1.2	300	No	Fig.1
SI3134KW	SOT-323	N	0.2	20	±12	0.75	-	0.38	0.45	0.35	1.1	120	Yes	Fig.3
2SK3018	SOT-323	N	0.2	30	±20	0.1	-	-	13	0.8	1.5	13	Yes	Fig.3
BSS138W	SOT-323	N	0.3	50	±20	0.22	3.5	6	-	0.8	1.5	27	No	Fig.1
2N7002KW	SOT-323	N	0.2	60	±20	0.34	5	5.3	-	1	2.5	40	Yes	Fig.3
2N7002KWA	SOT-323	N	0.2	60	±20	0.34	5	5.3	-	1	2	40	Yes	Fig.3
2N7002W	SOT-323	N	0.2	60	±20	0.115	13.5	-	-	1	2	50	No	Fig.1
SI2302	SOT-23	N	1.25	20	±8.0	3	-	0.072	0.11	0.65	1.2	237	No	Fig.1
SI2302A	SOT-23	N	1.25	20	±8.0	3	-	0.072	0.11	0.65	1.2	237	No	Fig.1
SI2312	SOT-23	N	0.35	20	±8.0	5	-	0.0318	0.0356	0.45	1	865	No	Fig.1
SI2312A	SOT-23	N	0.35	20	±8.0	5	-	0.025	0.033	0.5	0.9	865	No	Fig.1
SI2312B	SOT-23	N	1.25	20	±10	6.8	-	0.021	0.03	0.5	0.9	500	No	Fig.1
SI3420A	SOT-23	N	1.25	20	±10	6	-	0.028	0.035	0.5	1	515	No	Fig.1
SI2304	SOT-23	N	1	30	±20	2.5	0.065	0.09	-	1	3	240	No	Fig.1
SI2306	SOT-23	N	0.75	30	±20	3.16	0.047	0.065	-	1	3	305	No	Fig.1
SI3400	SOT-23	N	0.35	30	±12	5.8	0.035	0.04	0.052	0.7	1.4	1050	No	Fig.1
SI3400A	SOT-23	N	1.3	30	±12	5.8	0.032	0.038	0.045	0.7	1.4	1155	No	Fig.1
SI3402	SOT-23	N	0.35	30	±12	4	0.055	0.07	0.11	0.6	1.4	390	No	Fig.1
SI3404	SOT-23	N	0.35	30	±20	5.8	0.028	0.042	-	1	3	820	No	Fig.1
BSS138	SOT-23	N	0.35	50	±20	0.22	3.5	6	-	0.8	1.5	27	No	Fig.1
BSS138A	SOT-23	N	0.35	50	±20	0.22	3	4	-	0.8	1.45	22.8	Yes	Fig.3
MCT03N06	SOT-223	N	1.2	60	±20	3	0.105	0.125	-	0.5	2	247	No	Fig.1
2N7002	SOT-23	N	0.2	60	±20	0.115	7.5	-	-	1	2.5	50	No	Fig.1
2N7002K	SOT-23	N	0.35	60	±20	0.34	5	5.3	-	1	2.5	40	Yes	Fig.3
2N7002KA	SOT-23	N	0.35	60	±20	0.34	5	5.3	-	1	2.5	40	Yes	Fig.3
SI2310	SOT-23	N	1.2	60	±20	3	0.105	0.125	-	0.5	2	247	No	Fig.1
BSS123K	SOT-23	N	0.35	100	±20	0.17	6	9	-	1.5	2.5	60	Yes	Fig.3
SI2324	SOT-23	N	0.35	100	±20	2	0.234	0.278	-	1.2	2.8	190	No	Fig.1
SI2324A	SOT-23	N	1.2	100	±20	2	0.28	0.3	-	1	2	520	No	Fig.1

Part Number	Package	Polarity	Power Rating	Drain-Source Voltage	Gate Threshold Voltage	Drain Current	Static Drain-Source On-Resistance			Gate Threshold Voltage (Min)	Gate Threshold Voltage (Max)	Input Capacitance	ESD Diodes (Y/N)	Internal Diagram
			P_D(W)	V_{DS} (V)	V_{GS} (V)	I_D (A)	$R_{DS(ON)}$(Ω) @10V	$R_{DS(ON)}$ (Ω) @4.5V	$R_{DS(ON)}$ (Ω) @2.5V	$V_{GS(th)}$ (V)	$V_{GS(th)}$ (V)	C_{iss}(pF)		
MCT04N15	SOT-223	N	1.25	150	±20	4	0.16	-	-	1.5	2.5	900	No	Fig.1
MCA03N10	SOT-89	N	0.5	100	±20	3	0.14	-	-	1	2	690	No	Fig.1
MCQ16N03	SOP-8	N	2.5	30	±20	16	0.012	0.016	-	1	3	1550	No	Fig.23
MCQ4406	SOP-8	N	1.4	30	±20	10	0.012	0.016	-	1	3	1550	No	Fig.23
MCQ4410	SOP-8	N	1.4	30	±12	7.5	0.0135	0.02	-	1	3	9130	No	Fig.23
MCQ12N06	SOP-8	N	3.1	60	±20	12	0.009	0.013	-	1.1	2.5	1988	No	Fig.17
MCU50N03	DPAK	N	60	30	±20	50	0.0065	-	-	1	3	2000	No	Fig.1
MCU60N04	DPAK	N	1.25	40	±20	60	0.013	0.02	-	1.2	2.5	1800	No	Fig.1
MCU20N06	DPAK	N	1.25	60	±20	20	0.045	-	-	1	3	500	No	Fig.1
MCU20N06A	DPAK	N	1.25	60	±20	20	0.045	-	-	1	3	500	No	Fig.1
MCU50N06	DPAK	N	1.25	60	±20	50	0.02	-	-	1.5	2.5	900	No	Fig.1
MCU80N06	DPAK	N	85	60	±20	80	0.012	0.013	-	0.9	1.5	4200	No	Fig.1
MCU10N10	DPAK	N	1.25	100	±20	9.6	0.14	-	-	1.2	2.5	690	No	Fig.1
MCU15N10	DPAK	N	28	100	±20	15	0.1	-	-	1.2	2.9	612	No	Fig.1
MCU18N10	DPAK	N	47	100	±20	18	0.046	-	-	1	3	1380	No	Fig.1
MCU40N10	DPAK	N	1.25	100	±20	40	0.017	-	-	2	4	3400	No	Fig.1
MCU05N20	DPAK	N	78	200	±30	5	0.58	-	-	1	3	255	No	Fig.1
MCU09N20	DPAK	N	83	200	±30	9	0.25	-	-	1	3	509	No	Fig.1
MCU18N20	DPAK	N	65.8	200	±30	18	0.16	-	-	1	3	836	No	Fig.1
MCU04N60	DPAK	N	1.25	600	±30	4	3	-	-	2	4	540	No	Fig.1
MCU05N60	DPAK	N	1.25	600	±30	4.5	2.5	-	-	2	4	670	No	Fig.1
MCU05N60A	DPAK	N	1.25	600	±30	4.5	2.5	-	-	2	4	670	No	Fig.1
MCU04N65	DPAK	N	1.25	650	±30	4	3	-	-	2	4	760	No	Fig.1
MCB150N06YB	D2-PAK	N	187	60	±20	150	0.0055	-	-	2	4	3800	No	Fig.1
MCP12N04	TO-220	N	130	40	±20	120	0.004	0.007	-	1.2	2.5	5400	No	Fig.1
MCP140N10Y	TO-220	N	220	100	±20	140	0.0039	-	-	2	4	6920	No	Fig.1
MCP04N60	TO-220	N	2	600	±30	4	3	-	-	2	4	540	No	Fig.1
MCP04N65	TO-220	N	2	650	±30	4	3	-	-	2	4	760	No	Fig.1
MCP04N80	TO-220	N	63	800	±30	4	1.2	-	-	2.5	4.5	598	No	Fig.1
MCP20N70	TO-220AB(H)	N	151	700	±30	20	0.21	-	-	2.5	4	2328	No	Fig.1
MCPF04N60	TO-220F	N	2	600	±30	4	3	-	-	2	4	540	No	Fig.1
MCPF05N60B	TO-220F	N	2	600	±30	5	2.5	-	-	2	4	670	No	Fig.1
MCPF08N60	TO-220F	N	2	600	±30	8	1.3	-	-	2	4	1280	No	Fig.1
MCPF04N65	TO-220F	N	2	650	±30	4	3	-	-	2	4	760	No	Fig.1
MCPF12N65	TO-220F	N	2	650	±30	12	0.85	-	-	2	4	1800	No	Fig.1
MCD05N65	TO-251	N	49	650	±30	5	0.9	-	-	2.5	3.5	460	No	Fig.1
MCD04N80	TO-251	N	63	800	±30	4	1.2	-	-	2.5	4.5	598	No	Fig.1
MCMG69	DFN2020-6G	P	18	-12	±8.0	-16	-	0.021	0.027	-0.4	-1	2700	No	Fig.2
MCM1206	DFN2020-6J	P	0.35	-12	±8.0	-6	-	0.045	0.06	-0.5	-0.9	740	No	Fig.10
MCM1208	DFN2020-6J	P	0.35	-12	±8.0	-8	-	0.028	0.04	-0.4	-1	1275	No	Fig.10
MCM1216	DFN2020-6J	P	2.5	-12	±8.0	-16	-	0.021	0.027	-0.4	-1	2700	No	Fig.10
MCMG66	DFN2020-6G	P	1.7	-16	±8.0	-5.8	-	0.045	0.06	-0.45	-1	740	No	Fig.2
MCG10P03	DFN3030	P	20	-30	±12	-10	-	0.026	0.038	-0.6	-1.5	1550	No	Fig.21
SI3139KL	SOT-883	P	0.1	-20	±12	-0.68	-	0.52	0.7	-0.35	-1.1	170	Yes	Fig.4

MOSFETs

Part Number	Package	Polarity	Power Rating	Drain-Source Voltage	Gate Threshold Voltage	Drain Current	Static Drain-Source On-Resistance			Gate Threshold Voltage (Min)	Gate Threshold Voltage (Max)	Input Capacitance	ESD Diodes (Y/N)	Internal Diagram
			P_D(W)	V_{DS} (V)	V_{GS} (V)	I_D (A)	$R_{DS(ON)}$ (Ω) @10V	$R_{DS(ON)}$ (Ω) @4.5V	$R_{DS(ON)}$ (Ω) @2.5V	$V_{GS(th)}$ (V)	$V_{GS(th)}$ (V)	C_{iss} (pF)		
SI3139K	SOT-723	P	0.15	-20	±6.0	-0.66	-	0.52	0.7	-0.35	-0.8	113	Yes	Fig.4
SI3139KE	SOT-523	P	0.15	-20	±12	-0.66	-	0.52	0.7	-0.35	-0.8	170	Yes	Fig.4
SI2101	SOT-323	P	0.29	-20	±8.0	-1.4	-	0.1	0.14	-0.45	-1.2	640	No	Fig.2
SI3139KW	SOT-323	P	0.2	-20	±12	-0.66	-	0.52	0.78	-0.35	-1.1	175	Yes	Fig.4
MCT06P10	SOT-223	P	1.25	-100	±20	-6	0.205	0.25	-	-1.2	-2.8	760	Yes	Fig.4
SI2305	SOT-23	P	1.4	-8	±8.0	-4.1	-	0.045	0.06	-0.55	-0.9	740	No	Fig.2
SI2333	SOT-23	P	1.1	-12	±8.0	-6	-	0.028	0.04	-0.4	-1	1275	No	Fig.2
SI2333A	SOT-23	P	1.1	-15	±8.0	-5.6	-	0.04	0.053	-0.4	-1	740	No	Fig.2
SI2301	SOT-23	P	1.25	-20	±8.0	-2.8	-	0.12	0.15	-0.45	-1	880	No	Fig.2
SI2301A	SOT-23	P	1	-20	±8.0	-2.8	-	0.12	0.15	-0.5	-0.9	880	No	Fig.2
SI2305B	SOT-23	P	1.4	-20	±8.0	-4.2	-	0.06	0.08	-0.5	-0.9	740	No	Fig.2
SI2321	SOT-23	P	0.35	-20	±12	-2.9	-	-	0.076	-0.4	-0.9	715	No	Fig.2
SI3415	SOT-23	P	0.35	-20	±8.0	-4	-	0.05	0.6	-0.3	-1	1450	Yes	Fig.4
SI3415A	SOT-23	P	1.4	-20	±10	-4	-	0.045	0.06	-0.35	-0.9	950	Yes	Fig.4
SI2303	SOT-23	P	0.25	-30	±20	-3	0.13	0.18	-	-1	-3	226	No	Fig.2
SI2307	SOT-23	P	1.1	-30	±20	-2.7	0.088	0.138	-	-1	-3	340	No	Fig.2
SI3401	SOT-23	P	0.35	-30	±12	-4.2	0.065	0.075	0.09	-0.7	-1.3	954	No	Fig.2
SI3401A	SOT-23	P	1.3	-30	±12	-4.2	0.06	0.07	0.085	-0.7	-1.3	1050	No	Fig.2
SI3401B	SOT-23	P	0.4	-30	±12	-4.2	0.06	0.07	0.085	-0.6	-1.3	1050	No	Fig.2
SI3407	SOT-23	P	1.3	-30	±20	-4.1	0.06	0.87	-	-1	-3	700	No	Fig.2
BSS84	SOT-23	P	0.225	-50	±20	-0.13	8	-	-	-0.9	-2	30	No	Fig.2
SIL2305B	SOT23-6L	P	2	-20	±10	-5.4	-	0.06	0.08	-0.5	-0.9	740	No	Fig.10
SIL3415	SOT23-6L	P	0.35	-20	±8.0	-4	-	0.05	0.6	-0.3	-1	1450	Yes	Fig.12
SIL3407	SOT23-6L	P	0.35	-30	±20	-4.1	0.06	0.087	-	-1	-3	700	No	Fig.10
MCQ4407A	SOP-8	P	3	-30	±20	-12	0.015	0.025	-	-1	-3	1750	No	Fig.21
MCQ4435	SOP-8	P	1.4	-30	±20	-9.1	0.024	0.035	-	-1	-3	1350	No	Fig.21
MCQ4435A	SOP-8	P	1.4	-30	±20	-10	0.024	0.035	-	-1	-3	1350	No	Fig.21
MCQ4459	SOP-8	P	1.4	-30	±20	-6.5	0.046	0.072	-	-1.4	-2.4	625	No	Fig.21
MCQ9435	SOP-8	P	1.4	-30	±20	-5.1	0.06	0.105	-	-1	-2	-	No	Fig.21
MCU40P04	DPAK	P	1.25	-40	±20	-40	0.014	-	-	-1.5	-3	2960	No	Fig.2
MCU50P04	DPAK	P	65	-40	±20	-50	0.013	-	-	-1.2	-2.5	5020	No	Fig.2
MCU12P10	DPAK	P	40	-100	±20	-12	0.2	-	-	-1	-1	1055	Yes	Fig.4
MCU18P10	DPAK	P	1.25	-100	±20	-18	0.1	-	-	-1	-3	2100	Yes	Fig.4
MCU20P10	DPAK	P	70	-100	±20	-20	0.1	-	-	-1	-3	2100	Yes	Fig.4
MCM3400A	DFN2020-6L	N+N	1.4	30	±12	5	0.032	0.038	0.045	0.7	1.5	1155	No	Fig.5
2N7002KV	SOT-563	N+N	0.15	60	±20	0.34	3	3.5	-	1	2.5	40	Yes	Fig.7
SIX3134K	SOT-563	N+N	0.15	20	±12	0.75	-	0.38	0.45	0.35	1.1	120	Yes	Fig.7
2N7002DW	SOT-363	N+N	0.15	60	±20	0.115	7	-	-	1	2.5	50	No	Fig.5
2N7002KDW	SOT-363	N+N	0.15	60	±20	0.34	5	5.3	-	1	2.5	40	Yes	Fig.7
2N7002KDWA	SOT-363	N+N	0.15	60	±20	0.34	5	5.3	-	1	2.5	40	Yes	Fig.7
SI3134KDW	SOT-363	N+N	0.15	20	±12	0.75	-	0.38	0.45	0.35	1.1	120	Yes	Fig.7
UM6K1N	SOT-363	N+N	0.15	30	±20	0.1	-	-	13	0.8	1.5	13	Yes	Fig.7
2N7002DWL	SOT23-6L	N+N	0.225	60	±20	0.115	4.5	-	-	1	2.5	50	No	Fig.16
MCQ03N06	SOP-8	N+N	1.7	60	±20	3	0.105	0.125	-	0.8	1.4	247	No	Fig.19

MOSFETs

Part Number	Package	Polarity	Power Rating	Drain-Source Voltage	Gate Threshold Voltage	Drain Current	Static Drain-Source On-Resistance			Gate Threshold Voltage (Min)	Gate Threshold Voltage (Max)	Input Capacitance	ESD Diodes (Y/N)	Internal Diagram
			P_D(W)	V_{DS} (V)	V_{GS} (V)	I_D (A)	$R_{DS(ON)}$ (Ω) @10V	$R_{DS(ON)}$ (Ω) @4.5V	$R_{DS(ON)}$ (Ω) @2.5V	$V_{GS(th)}$ (V)	$V_{GS(th)}$ (V)	C_{iss} (pF)		
MCQ05N06	SOP-8	N+N	1.7	60	±20	5	0.045	-	-	1	3	500	No	Fig.19
MCQ4828A	SOP-8	N+N	1.25	60	±20	4.5	0.056	0.077	-	1	3	540	No	Fig.19
MCQ6005	SOP-8	N+N	2	60	±20	5	0.035	0.045	-	1.2	2.5	979	No	Fig.19
MCM2301	DFN2020-6L	P+P	1.4	-20	±10	-3.8	-	0.07	0.09	-0.5	-0.9	880	No	Fig.17
MCQ7328	SOP-8	P+P	1.4	-30	±20	-8	0.021	0.032	-	-1	-2.5	2675	No	Fig.18
SIL2301	SOT23-6L	P+P	0.35	-20	±8.0	-2.3	-	0.09	0.125	-0.4	-1	405	No	Fig.15
SIX3439K	SOT-563	N	0.15	20	±12	0.75	-	0.38	0.45	0.35	1	120	Yes	Fig.8
		P		-20	±12	-0.66	-	0.52	0.7	-0.35	-1.1	170		
MC7252KDW	SOT-363	N	0.15	60	±20	0.34	5	5.3	-	1	2.5	40	Yes	Fig.8
		P		-50	±20	-0.18	8	-	-	-0.9	-2	30		
MCQ4503	SOP-8	N	1.4	30	±20	6.9	0.028	0.042	-	1	3	770	No	Fig.20
		P		-30	±20	-6.3	0.036	0.055	-	-1	-3	1380		
MCQ4503A	SOP-8	N	2	30	±20	6.5	0.03	0.04	-	1.2	2.4	255	No	Fig.20
		P		-30	±20	6.5	0.06	0.09	-	-1	-2.5	255		

MOSFETs

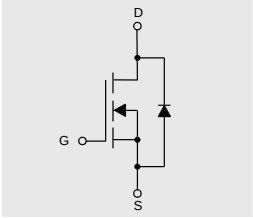


Fig.1

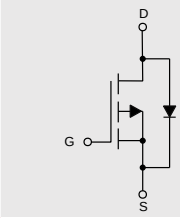


Fig.2

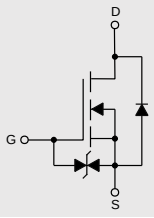


Fig.3

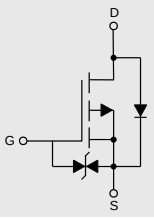


Fig.4

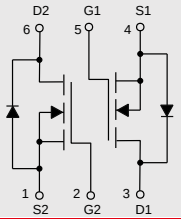


Fig.5

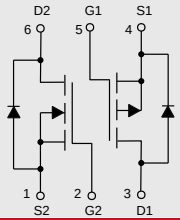


Fig.6

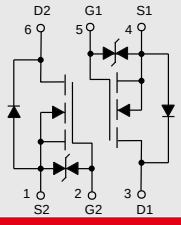


Fig.7

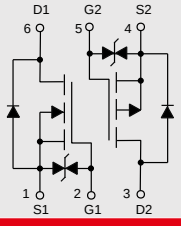


Fig.8

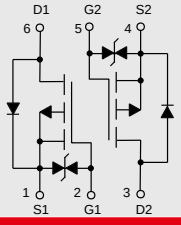


Fig.9

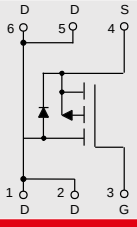


Fig.10

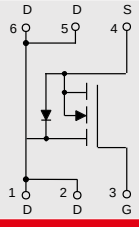


Fig.11

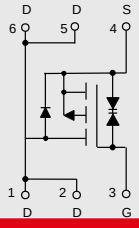


Fig.12

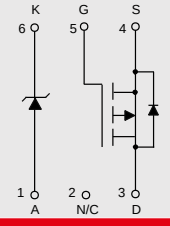


Fig.13

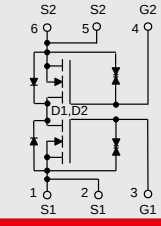


Fig.14

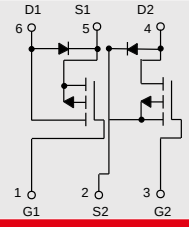


Fig.15

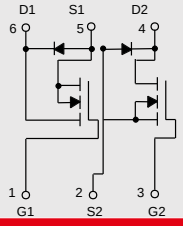


Fig.16

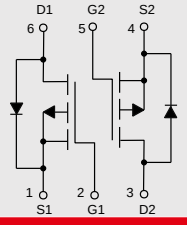


Fig.17

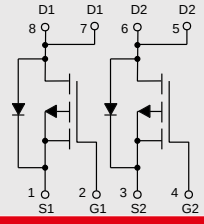


Fig.18

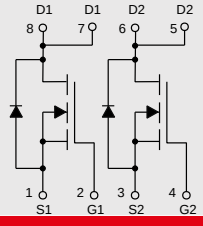


Fig.19

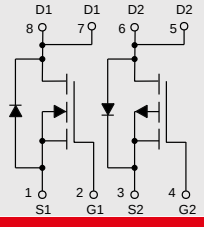


Fig.20

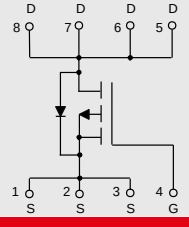


Fig.21

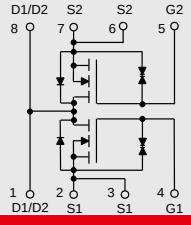


Fig.22

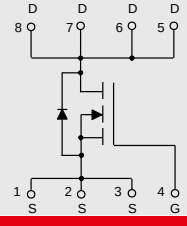
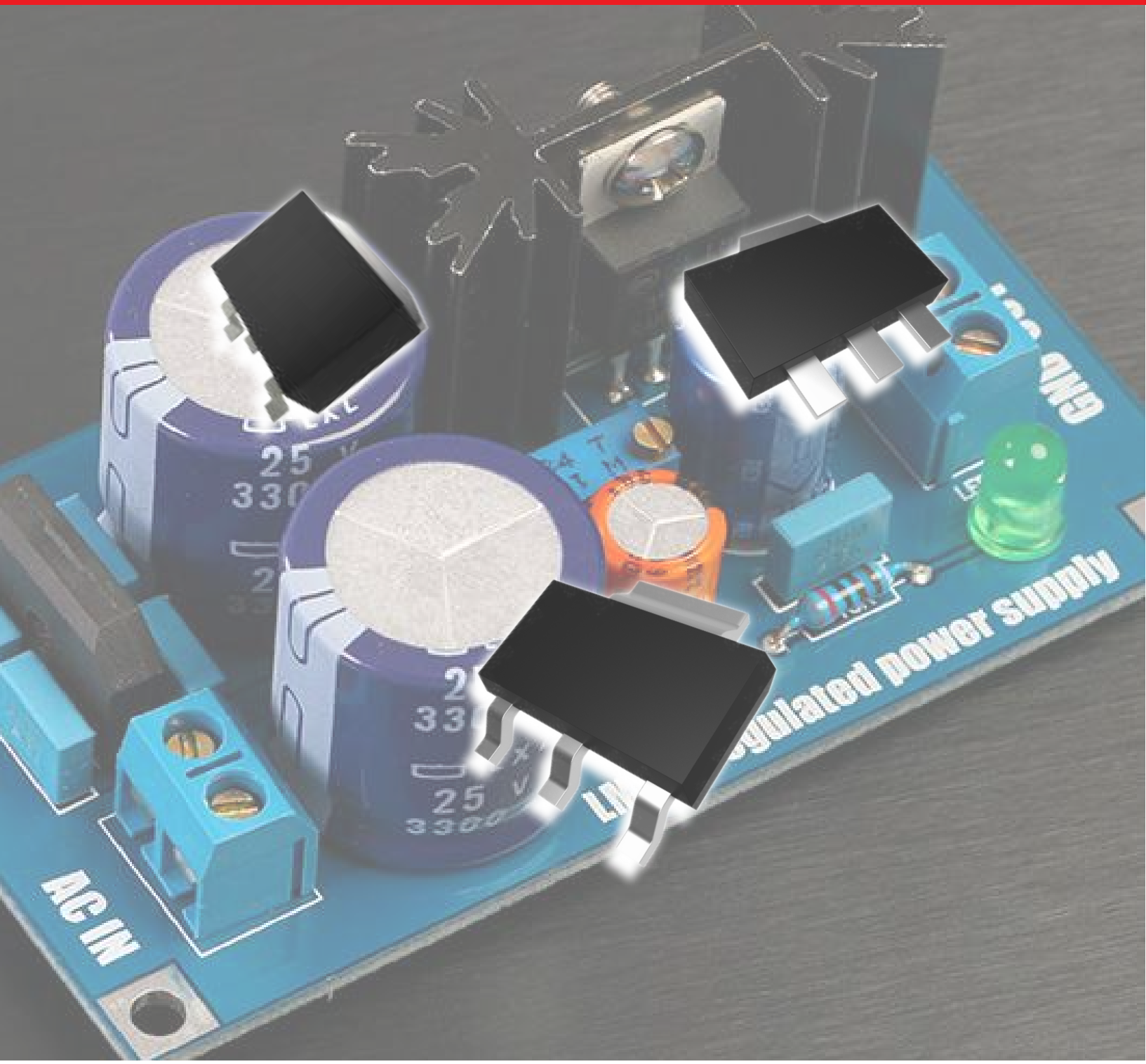


Fig.23

Voltage Regulators

* 3.3~12V/100mA~1.5A popular voltage rating
* SMD and through hole packages offer



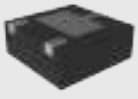
Voltage Regulators

Part Number	Package	Maximum Output Current	Output Voltage @ TJ = 25°C		Input Voltage		Line Regulation @ Input Voltage			Load Regulation @ VI
		Io (A)	V_o(V) Min	V_o(V) Max	V_i(V) Min	V_i(V) Max	ΔV_o(mV) Max	V_i(V) Min	V_i(V) Max	ΔV_o(mV) Max
MCT1117B-1.8	SOT-223	1	1.764	1.836	3.3	12	7	1.5	10.2	7.2
MCT1117B-2.5	SOT-223	1	2.45	2.55	4	12	7	1.5	9.5	10
MCT1117B-3.3	SOT-223	1	3.234	3.366	4.8	12	7	1.5	8.7	13.2
MCT1117B-5.0	SOT-223	1	4.9	5.1	6.5	12	10	1.5	7	20
MCT1117B-ADJ	SOT-223	1	1.225	1.275	2.75	13.25	-	1.5	12	-
MC28L05	SOT-23	0.1	4.9	5.1	4.75	40	100	7	45	-
TL431AU	SOT-23	0.1	-	36	2.475	2.525	-	-	-	-
TL431BU	SOT-23	0.1	-	36	2.487	2.512	-	-	-	-
TL431K	SOT-23	0.1	-	36	2.482	2.508	-	-	-	-
TL431V	SOT-23	0.1	-	36	2.45	2.55	-	-	-	-
MC28L05F	SOT-89	0.1	4.9	5.1	4.75	40	100	7	45	-
MC78L05F	SOT-89	0.1	4.8	5.2	7	20	150	7	20	60
MC78L06F	SOT-89	0.1	5.75	6.25	8.5	20	175	8.5	20	80
MC78L08F	SOT-89	0.1	7.7	8.3	10.5	23	175	10.5	23	80
MC78L33F	SOT-89	0.1	3.168	3.432	7	20	150	5.8	20	60
MC79L05F	SOT-89	0.1	-4.8	-5.2	-7	-20	150	-20	-7	60
MC79L06F	SOT-89	0.1	-5.76	-6.24	-	-	150	-8.5	-20	60
MC79L08F	SOT-89	0.1	7.68	8.32	-	-	175	10.5	23	80
TL431X	SOT-89	0.1	-	36	2.44	2.55	-	-	-	-
MC78M05CDT	DPAK	0.5	4.8	5.2	7	20	100	7	25	100
MC78M06CDT	DPAK	0.5	5.75	6.25	8	21	100	8	25	120
MC78M08CDT	DPAK	0.5	7.7	8.3	10.5	23	100	11	25	160
MC78M12CDT	DPAK	0.5	11.5	12.5	14.5	27	100	14.5	30	240
MC78M15CDT	DPAK	0.5	14.25	15.75	17.5	30	100	17.5	30	300
MC78D05CDT	DPAK	1	4.8	5.2	8	20	100	7.5	20	100
LM317MDT	DPAK	1.5	1.2	37	3	40	-	3	40	70
MC79D05CDT	DPAK	1.5	-4.75	-5.25	-7	-20	50	-7	-25	100
MC79D15CDT	DPAK	1.5	-14.25	-15.75	-17.5	-30	100	-17.5	-30	200
LM317DT	D2-PAK	1.5	1.2	37	3	40	-	3	40	70
MC78M05CT	D2-PAK	1.5	4.8	5.2	-	-	100	7	25	100
MC78M12CT	D2-PAK	1.5	11.5	12.5	14.5	27	240	-	-	240
MC7806CT	TO-220	1	5.88	6.12	8	21	120	8	25	120
MC7808CT	TO-220	1	7.84	8.16	10.5	23	160	10.5	25	160
MC7905CT	TO-220	1	-4.8	-5.2	-7	-20	50	-7	-25	100
MC7906CT	TO-220	1	-5.75	-6.25	-8	-21	160	-8	-25	160
MC7908CT	TO-220	1	-7.7	-8.3	-10.5	-23	160	-10.5	-25	160
LM317T	TO-220	1.5	1.2	37	-	40	-	3	40	-
MC7805CT	TO-220	1.5	4.8	5.2	7	20	100	7	25	100
MC7815CT	TO-220	1.5	14.4	15.6	17.5	30	300	17.5	30	300
MC7915CT	TO-220	1.5	-14.4	-15.6	-17.5	-30	100	-17.5	-30	200
MC7805FCT	TO-220F	1.5	4.8	5.2	7	20	100	7	25	100
MC78L05BP	TO-92	0.1	4.8	5.2	7	20	150	7	20	60
MC78L06BP	TO-92	0.1	5.75	6.25	8.5	20	175	8.5	20	80
MC78L08BP	TO-92	0.1	7.7	8.3	10.5	23	175	10.5	23	80

Voltage Regulators

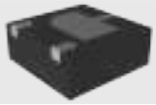
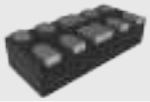
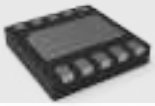
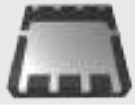
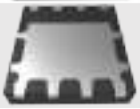
Part Number	Package	Maximum Output Current	Output Voltage @ TJ = 25°C		Input Voltage		Line Regulation @ Input Voltage			Load Regulation @ VI
		Io (A)	V_o(V) Min	V_o(V) Max	V_i(V) Min	V_i(V) Max	ΔV_o(mV) Max	V_i(V) Min	V_i(V) Max	ΔV_o(mV) Max
MC79L05BP	TO-92	0.1	-4.8	-5.2	-	-	150	-7	-20	60
MC79L06BP	TO-92	0.1	5.76	6.24	-	-	150	8.5	20	60
MC79L08BP	TO-92	0.1	7.68	8.32	-	-	175	10.5	23	80
TL431ALP	TO-92	0.1	-	36	2.475	2.525	-	-	-	-
TL431BLP	TO-92	0.1	-	-	2.4875	2.5125	-	-	-	-
TL431KLP	TO-92	0.1	-	36	2.482	2.508	-	-	-	-
TL431LP	TO-92	0.1	-	36	2.44	2.55	-	-	-	-

DFN Series

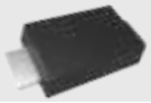
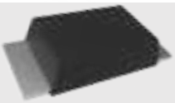
ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
1	2	0201-A	0.60	0.30	0.28	0.36	
2	2	0201-C	0.60	0.30	0.30	0.45	
3	2	0201	0.62	0.32	0.31	0.40	
4	2	0201-B	0.62	0.32	0.31	0.40	
5	2	DFN1006-2	1.00	0.60	0.50	0.65	
6	2	DFN1006-2A	1.00	0.60	0.55	0.75	
7	2	DFN1006-2L	1.00	0.60	0.45	0.65	
8	3	DFN1006-3	1.00	0.60	0.50	0.65	
9	2	DFN1006-2C	1.01	0.61	0.50	0.65	
10	6	DFN1210-6	1.20	1.00	0.58	0.40	
11	2	DFN1610-2	1.60	1.00	0.50	1.10	
12	6	DFN1610-6	1.60	1.00	0.75	0.50	
13	6	DFN1616-6	1.60	1.60	0.55	0.50	
14	6	DFN1616-6L	1.60	1.60	0.55	0.50	
15	3	DFN2020-3	2.00	2.00	0.80	0.65	

Package Size

DFN Series

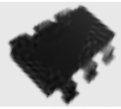
ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
16	3	DFN2020-3L	2.00	2.00	0.65	0.65	
17	6	DFN2020-6G	2.00	2.00	0.75	0.65	
18	6	DFN2020-6J	2.00	2.00	0.75	0.65	
19	6	DFN2020-6L	2.00	2.00	0.80	0.65	
20	10	DFN-10	2.50	1.00	0.58	0.50	
21	10	DFN2510-10	2.50	1.00	0.50	0.50	
22	10	DFN2626-10	2.60	2.60	0.55	0.50	
23	10	DFN3020-10	3.00	2.00	0.58	0.60	
24	8	DFN3030	3.00	3.00	0.80	0.65	
25	9	DFN3810-9	3.80	0.80	0.50	0.90/0.80	
26	10	DFN4120-10	4.10	2.00	0.55	0.80	
27	8	DFN5060	5.00	6.00	0.95	1.27	
28	8	DFN5060-8	5.00	6.05	0.95	1.27	
29	8	DFN5060-8L	5.05	6.05	1.05	1.27	

SOT/SOD Series

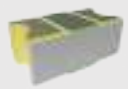
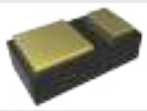
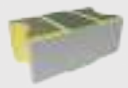
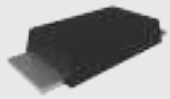
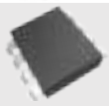
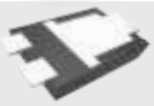
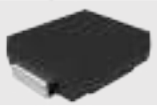
ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
30	2	SOD-923	0.80	0.60	0.40	0.90	
31	2	SOD-723	1.00	0.60	0.55	1.20	
32	2	SOD-882	1.00	0.60	0.46	0.58	
33	2	SOD-882E	1.00	0.60	0.48	0.64	
34	2	SOD-523	1.20	0.80	0.60	1.40	
35	2	SOD-323	1.70	1.25	0.80	2.23	
36	2	SOD-323FL	1.78	1.25	0.62	2.18	
37	2	SOD-123	2.70	1.60	1.10	3.55	
38	2	SOD-123FL	2.83	1.65	0.88	3.45	
39	2	SOD-123HE1	3.00	2.00	0.65	-	
40	2	SOD-123HT	3.50	1.60	0.70	-	
41	3	SOT-883	1.00	0.60	0.44	0.64/0.35	
42	3	SOT-723	1.20	0.80	0.35	0.40	
43	3	SOT-523	1.60	1.10	0.75	0.50	
44	5	SOT-553	1.60	1.20	0.54	0.50	

Package Size

SOT/SOD Series

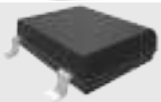
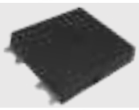
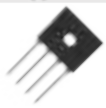
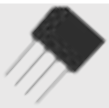
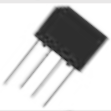
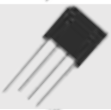
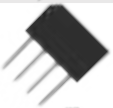
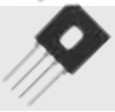
ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
45	6	SOT-563	1.60	1.18	0.58	0.50	
46	3	SOT-323	2.00	1.25	0.95	0.65	
47	6	SOT-363	2.00	1.25	1.00	0.65	
48	5	SOT-353	2.10	1.25	1.00	0.65	
49	6	SOT23-6L	2.90	1.60	1.10	0.95	
50	4	SOT-143	2.92	1.30	0.99	1.91	
51	3	SOT-23	4.32	1.30	1.01	0.96	
52	3	SOT-89	4.50	2.44	1.50	1.50	
53	3	SOT-223	6.50	3.50	1.80	2.30	

SMD Series

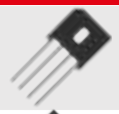
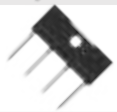
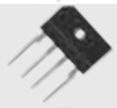
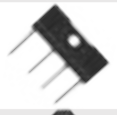
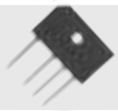
ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
54	2	0402	1.05	0.55	0.35	-	
55	2	FBP-02L	1.60	0.80	0.50	0.95	
56	2	0603	1.60	0.83	0.37	-	
57	10	MSOP-10	3.00	3.00	0.85	0.50	
58	2	DO-221AC	3.90	2.60	1.05	-	
59	2	SMAE	4.29	2.61	2.23	-	
60	2	SMA	4.30	2.59	2.22	-	
61	2	SMB	4.38	3.62	2.28	-	
62	8	SOP-8	4.90	3.90	1.45	1.27	
63	3	DPAK	5.28	6.10	2.30	4.83	
64	3	TO-277	5.30	4.00	1.10	1.85	
65	3	TO-277B	5.53	4.03	1.10	1.80	
66	2	SMC	6.86	5.91	2.31	-	
67	3	D2-PAK	10.05	8.64	4.45	2.54	
68	2	DO-218AB	13.50	8.40	5.00	-	

Package Size

Bridge Series

ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
69	4	MBS-1	4.75	3.90	2.50	5.11	
70	4	MBLS-1	4.83	4.25	1.38	2.40	
71	4	LMBS-1	5.05	5.30	1.50	4.00	
72	4	TBS	6.60	7.30	1.40	5.10	
73	4	SDB-1	8.28	6.35	2.95	5.10	
74	4	DB-1	8.28	6.35	2.95	5.10	
75	4	DBL-1	8.28	6.35	2.40	5.10	
76	4	SDBL-1	8.32	6.35	2.30	5.10	
77	4	TBSL	8.50	9.20	1.80	5.70	
78	4	D3K	13.80	10.80	3.10	3.80	
79	4	GBP	14.50	10.35	3.50	3.80	
80	4	KBPR	14.78	11.20	3.50	3.85	
81	4	RS-4L	19.00	15.75	6.00	5.10	
82	4	GBL	20.20	11.00	3.50	5.00	
83	4	GBU	22.05	18.55	3.45	5.08	

Bridge Series

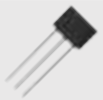
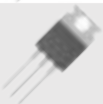
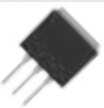
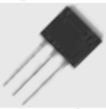
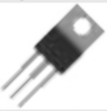
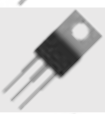
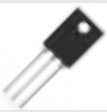
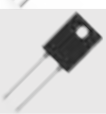
ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
84	4	RS-6	23.20	19.30	6.85	5.10	
85	4	JB	25.00	10.30	4.20	7.50	
86	4	KBJ	25.00	15.00	4.60	7.50	
87	4	KBJL	25.00	10.30	3.80	7.50	
88	4	GBJL	27.40	14.30	3.80	10/7.5	
89	4	JA	29.00	14.50	4.60	10/7.5	
90	4	GBJ	30.00	20.00	4.60	10/7.5	
91	4	PB-6	15.20	15.20	6.35	10.80	
92	4	PB-10	19.03	19.03	6.98	12.70	
93	5	MT-35A	28.50	28.50	9.50	-	
94	4	MB-35	28.52	28.52	11.08	-	
95	4	GBPC	28.55	28.55	7.70	-	
96	4	MP-50W	28.55	28.55	11.10	18.1/11.4	
97	4	MP-50	28.55	28.55	11.10	-	
98	4	MB-35W	28.58	28.58	11.10	18.1/11.4	

Package Size

Bridge Series

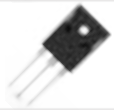
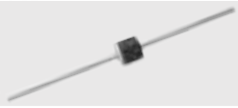
ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
99	4	GBPC-W	28.75	28.75	11.10	18.1/11.4	
100	5	TSB-5	47.10	29.30	5.00	7.62	

Through Hole Series

ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
101	3	TO-92S	4.00	3.15	1.52	1.27	
102	3	TO-92	4.58	4.58	3.56	1.27	
103	3	TO-92L	4.90	8.00	3.90	1.27	
104	3	TO-92MOD	6.00	8.60	4.90	1.50	
105	3	TO-251	6.50	5.55	2.30	4.60	
106	3	TO-126	7.60	10.80	2.70	2.29	
107	3	TO-220AB(H)	10.00	9.10	4.57	2.54	
108	3	TO-262	10.10	8.70	4.60	2.54	
109	3	TO-262L	10.15	8.50	4.68	2.54	
110	3	TO-220	10.16	8.70	4.19	2.54	
111	3	TO-220AB	10.16	8.70	4.19	2.54	
112	2	TO-220AC	10.16	8.70	4.20	5.08	
113	3	TO-220F	10.16	15.00	4.50	2.54	
114	3	ITO-220AB	10.30	15.55	4.80	2.55	
115	2	ITO-220AC	10.30	15.10	4.80	5.10	

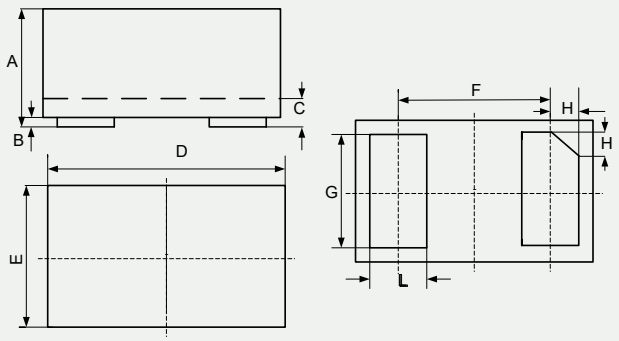
Package Size

Through Hole Series

ID	Pin/Terminals	Package Type	Package Size			Lead Pitch (mm)	Package
			L (mm)	W (mm)	H (mm)		
116	2	TO-247AC	15.6	20.45	5	5.45	
117	3	TO-247	15.7	21	4.96	5.35	
118	2	AK	24.5	18	16	-	
119	2	R-1	3.2	2.45	2.45	-	
120	2	R-3	4.1	4.1	4.1	-	
121	2	DO-41	4.65	2.35	2.35	-	
122	2	A-405	4.65	2.35	2.35	-	
123	2	DO-15	6.7	3.1	3.1	-	
124	2	DO-201AD	8.4	5.05	5.05	-	
125	2	R-6	8.85	8.85	8.85	-	
126	2	DO-201AE	9.5	5.3	5.3	-	

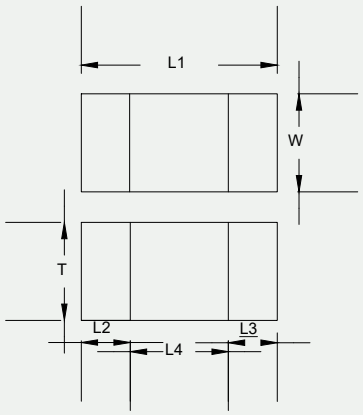
Package Outline

0201-A



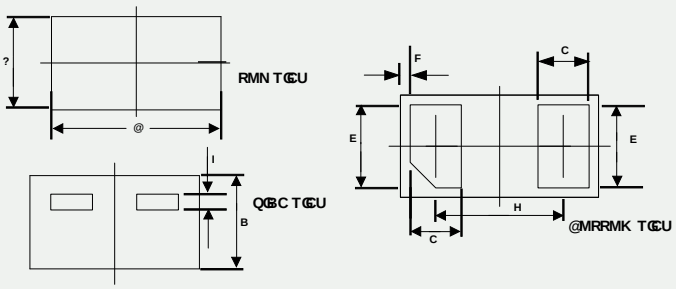
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.009	0.013	0.23	0.33	
B	0.000	0.002	0.00	0.05	
C	0.005	0.007	0.12	0.18	
D	0.022	0.026	0.55	0.65	
E	0.010	0.014	0.25	0.35	
F	0.014 REF.		0.355 REF.		
G	0.008	0.011	0.215	0.275	
H	0.003 REF.		0.079 REF.		
L	0.006	0.009	0.16	0.22	

0201-C



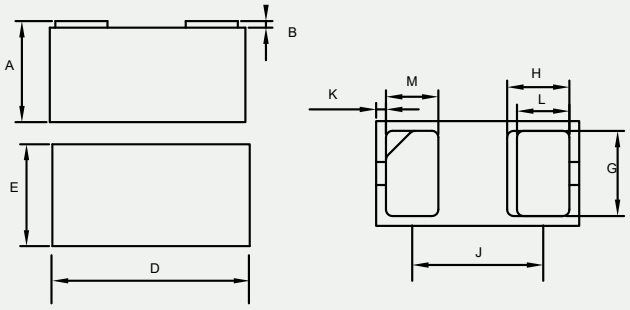
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
L1	0.022	0.025	0.57	0.63	
W	0.011	0.013	0.27	0.33	
T	0.011	0.013	0.27	0.33	
L2	0.011	0.015	0.10	0.20	
L3	0.004	0.008	0.10	0.20	

0201



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.011	0.015	0.27	0.37	
B	0.220	0.026	0.57	0.67	
D	0.011	0.013	0.275	0.34	
E	0.005	0.008	0.125	0.195	
G	0.009	0.012	0.225	0.295	
H	0.001 REF.		0.030 REF.		
J	0.014	0.017	0.365	0.435	
K	0.002 REF.		0.050 REF.		

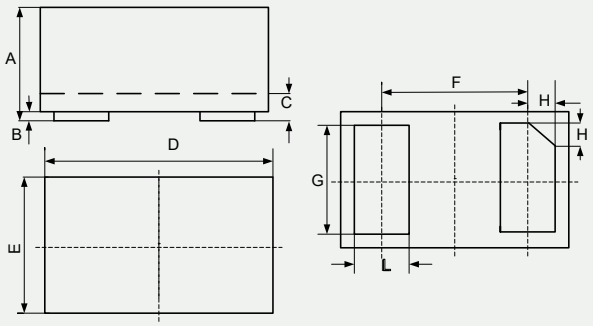
0201-B



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.011	0.013	0.275	0.345	
B	0.000	0.004	0.010	0.090	
D	0.022	0.026	0.570	0.670	
E	0.011	0.015	0.270	0.370	
G	0.009	0.012	0.225	0.295	
H	0.007 REF.		0.190 REF.		
J	0.014	0.017	0.365	0.435	
K	0.001 REF.		0.030 REF.		
L	0.005	0.008	0.125	0.195	
M	0.005	0.008	0.125	0.195	

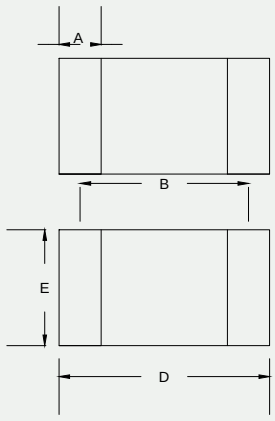
Package Outline

DFN1006-2



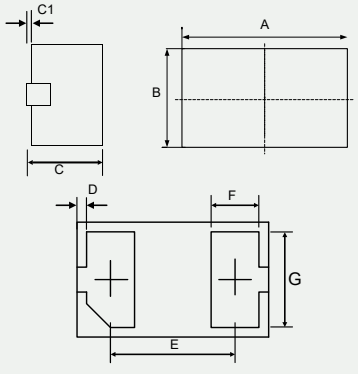
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.002	0.00	0.05	
C	0.005	0.007	0.12	0.18	
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
F	0.026 REF.		0.650 REF.		
G	0.018	0.022	0.45	0.55	
H	0.003	0.007	0.07	0.17	
L	0.008	0.012	0.20	0.30	

DFN1006-2A



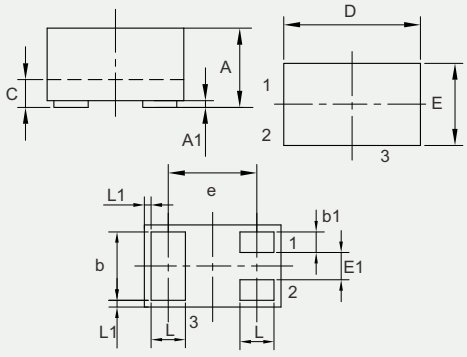
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.006	0.010	0.15	0.25	
B	0.030 BSC.		0.75 BSC.		
D	0.038	0.042	0.95	1.05	
E	0.018	0.026	0.45	0.65	

DFN1006-2L



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.037	0.041	0.95	1.05	
B	0.022	0.026	0.55	0.65	
C	0.016	0.020	0.40	0.50	
C1	---	0.002	---	0.05	
D	0.001	0.003	0.02	0.08	
E	0.026BSC		0.65BSC		
F	0.008	0.012	0.20	0.30	
G	0.018	0.022	0.45	0.55	

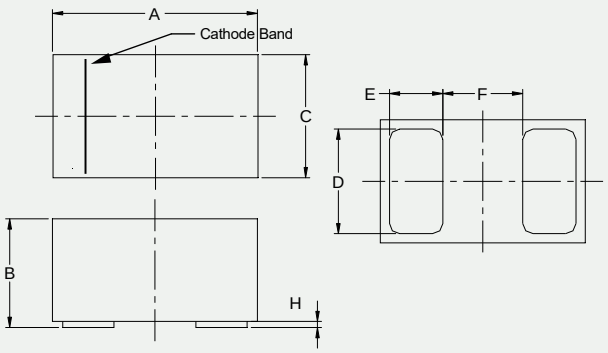
DFN1006-3



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
A1	0.000	0.002	0.00	0.05	
b	0.018	0.022	0.45	0.55	
b1	0.004	0.008	0.10	0.20	
c	0.005	0.007	0.12	0.18	
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
E1	0.006	0.010	0.15	0.25	
e	0.026 BSC		0.65BSC		
L	0.008	0.012	0.20	0.30	
L1	0.0002 REF		0.05 REF		

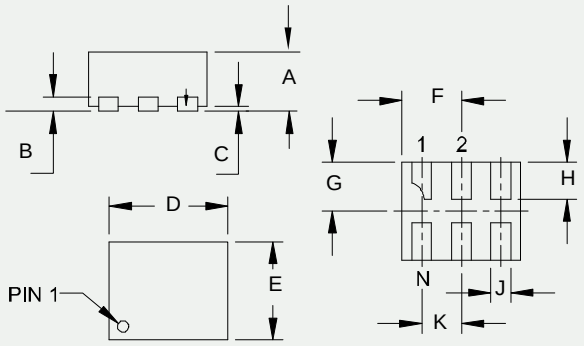
Package Outline

DFN1006-2C



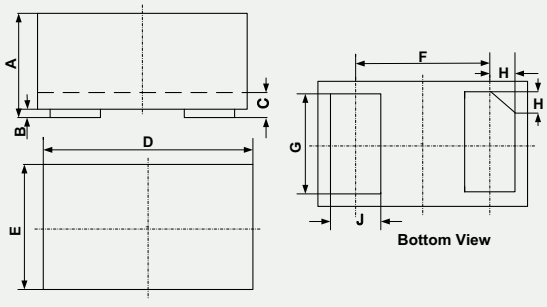
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.037	.042	0.95	1.075	
B	.019	.021	0.47	0.53	
C	.022	.027	0.55	0.675	
D	.018	.022	0.45	0.55	
E	.008	.012	0.20	0.30	
F	.016(Typ.)		0.40(Typ.)		
H	.000	.002	0.00	0.05	

DFN1210-6



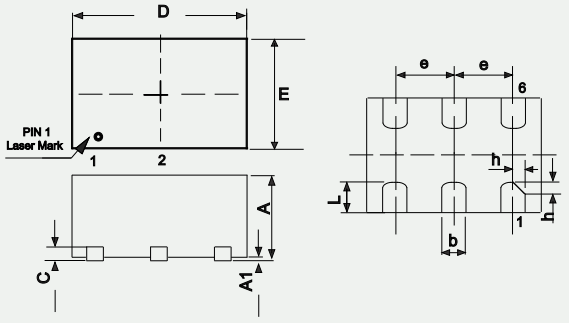
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.026	0.50	0.65	
B	0.005		0.13		
C	0.000	0.002	0.00	0.05	
D	0.043	0.051	1.10	1.30	
E	0.035	0.043	0.90	1.10	
F	0.022	0.026	0.55	0.65	
G	0.018	0.022	0.45	0.55	
H	0.012	0.017	0.30	0.425	
J	0.006	0.010	0.15	0.25	
K	0.16 BSC		0.40 BSC		

DFN1610-2



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.018	.022	0.45	0.55	
B	.000	.002	0.00	0.05	
C	.004	.008	0.10	0.20	
D	.062	.066	1.55	1.65	
E	.038	.042	0.95	1.05	
F	.044 BSC		1.10 BSC		
G	.030	.034	0.75	0.85	
H	.006	.010	0.15	0.25	
J	.014	.018	0.35	0.45	

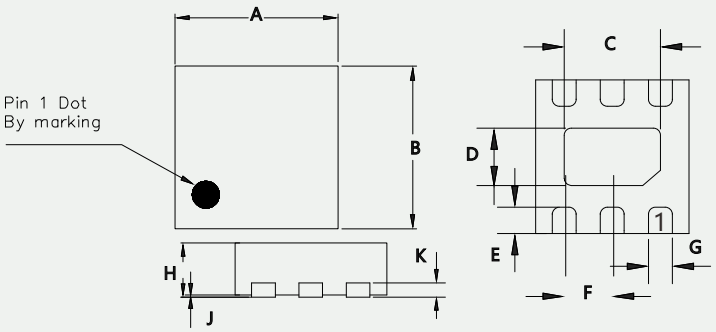
DFN1610-6



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.032	0.70	0.80	
A1	0.000	0.002	0.00	0.05	
b	0.006	0.010	0.17	0.25	
c	0.006	0.010	0.15	0.25	
D	0.061	0.065	1.55	1.65	
E	0.035	0.043	0.90	1.10	
L	0.008	0.012	0.20	0.30	
e	0.020 BSC.		0.50 BSC.		
h	0.003	0.005	0.08	0.12	

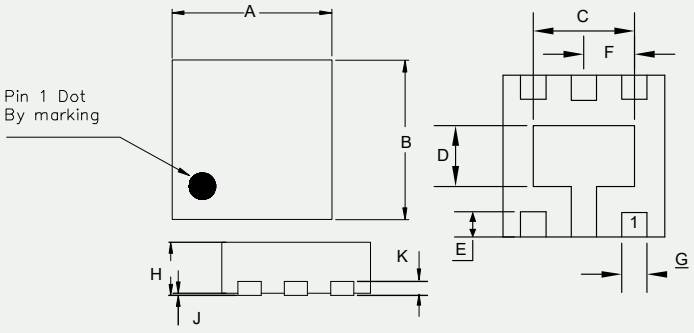
Package Outline

DFN1616-6



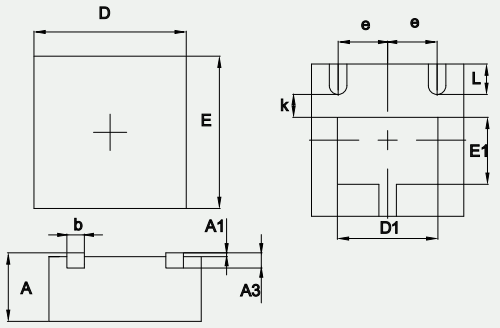
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.061	0.065	1.55	1.65	
B	0.061	0.065	1.55	1.65	
C	0.035	0.041	0.90	1.05	
D	0.020	0.026	0.50	0.65	
E	0.008	0.012	0.20	0.30	
F	0.020 REF.		0.50 REF.		
G	0.008	0.026	0.20	0.30	
H	0.020	0.024	0.50	0.60	
J	0.000	0.002	0.00	0.05	
K	0.006 REF.		0.15 REF.		

DFN1616-6L



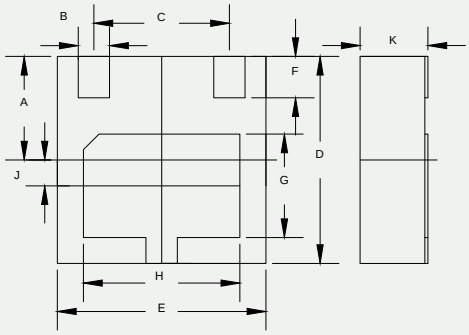
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.061	0.065	1.55	1.65	
B	0.061	0.065	1.55	1.65	
C	0.034	0.043	0.85	1.10	
D	0.018	0.028	0.45	0.70	
E	0.008	0.012	0.20	0.30	
F	0.020 REF.		0.50 REF.		
G	0.008	0.012	0.20	0.30	
H	0.020	0.024	0.50	0.60	
J	0.000	0.002	0.00	0.05	
K	0.006 REF.		0.15 REF.		

DFN2020-3



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.035	0.700	0.900	
A1	0.000	0.002	0.000	0.050	
A3	0.008REF.		0.203REF.		
D	0.076	0.082	1.924	2.076	
E	0.076	0.082	1.924	2.076	
D1	0.048	0.056	1.220	1.420	
E1	0.031	0.039	0.780	0.980	
k	0.008MIN.		0.200MIN.		
b	0.007	0.011	0.180	0.280	
e	0.026TYP.		0.650TYP.		
L	0.013	0.019	0.324	0.476	

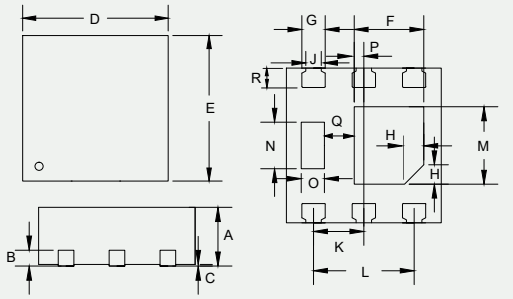
DFN2020-3L



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.037	0.041	0.950	1.050	
B	0.010	0.014	0.250	0.350	
C	0.051(typ.)		1.30(typ.)		
D	0.075	0.083	1.900	2.100	
E	0.075	0.083	1.900	2.100	
F	0.014	0.018	0.350	0.450	
G	0.035	0.043	0.900	1.100	
H	0.055	0.063	1.400	1.600	
J	0.008	0.012	0.200	0.300	
K	-	0.026	-	0.650	

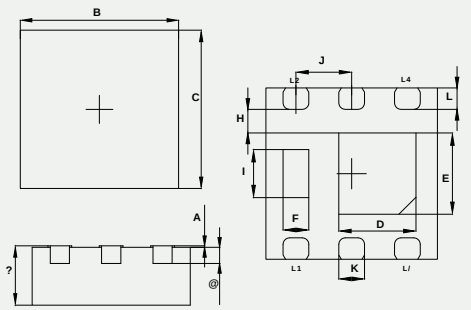
Package Outline

DFN2020-6G



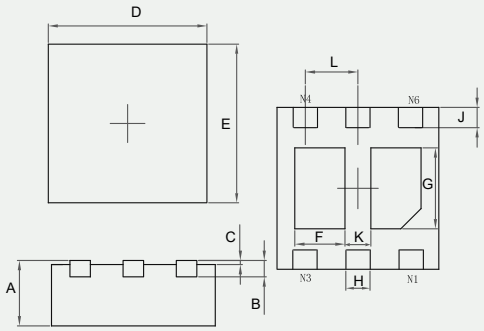
Dimensions					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.032	0.700	0.800	
B	0.008REF		0.203REF		
C	0000	0.002	0.000	0.050	
D	0.075	0.083	1.900	2.100	
E	0.075	0.083	1.900	2.100	
F	0.033	0.037	0.850	0.950	
G	0.010	0.014	0.250	0.350	
H	0.010REF		0.250REF		
J	0.008REF		0.200REF		
K	0.026BSC		0.650BSC		
L	0.051BSC		1.300BSC		
M	0.037	0.041	0.950	1.050	
N	0.022	0.026	0.550	0.650	
O	0.010	0.014	0.250	0.350	
P	0.003	0.007	0.080	0.180	
Q	0.013	0.017	0.330	0.430	
R	0.008	0.012	0.200	0.300	

DFN2020-6J



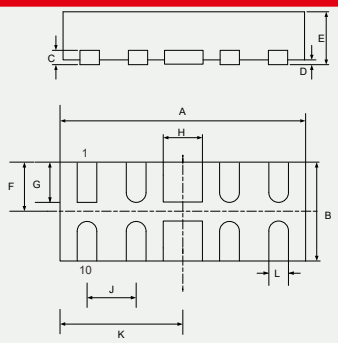
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.032	0.700	0.800	
B	0.008REF.		0.203REF.		
C	0.000	0.002	0.000	0.050	
D	0.076	0.082	1.924	2.076	
E	0.076	0.082	1.924	2.076	
F	0.031	0.039	0.800	1.000	
G	0.033	0.041	0.850	1.050	
H	0.008	0.016	0.200	0.400	
J	0.008	---	0.200	---	
K	0.018	0.026	0.460	0.660	
L	0.026TYP.		0.650TYP.		
M	0.010	0.014	0.250	0.350	
N	0.007	0.013	0.174	0.326	

DFN2020-6L



Dimensions					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.030	.034	0.750	0.850	
B	0.008REF.		0.200REF.		
C	0000	0.002	0.000	0.050	
D	0.077	0.081	1.950	2.050	
E	0.077	0.081	1.950	2.050	
F	0.017	0.027	0.440	0.690	
G	0.033	0.043	0.840	1.090	
H	0.010	0.014	0.250	0.350	
J	0.007	0.015	0.175	0.375	
K	0.010	0.014	0.250	0.350	
L	0.026TYP.		0.650TYP.		

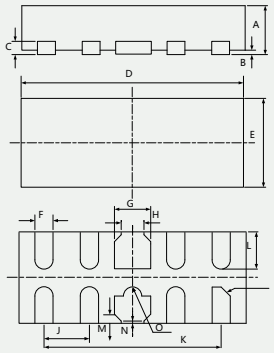
DFN-10



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.094	0.102	2.40	2.60	
B	0.035	0.043	0.90	1.10	
C	0.005		0.13		
D	0.000	0.002	0.00	0.05	
E	0.020	0.026	0.50	0.65	
F	0.017	0.022	0.45	0.55	
G	0.012	0.017	0.30	0.425	
H	0.014	0.018	0.35	0.45	
J	.020 BSC		0.5 BSC		
K	0.047	0.056	1.20	1.30	
L	0.006	0.010	0.15	0.25	

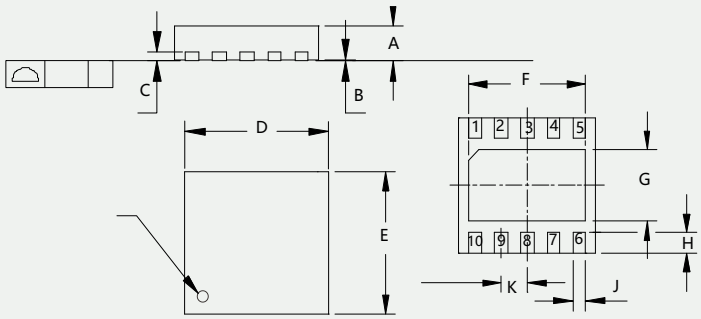
Package Outline

DFN2510-10



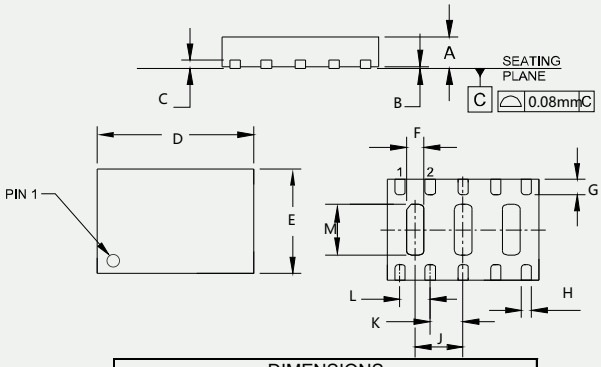
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.002	0.00	0.05	
C	0.004	0.008	0.10	0.20	
D	0.098	0.102	2.45	2.55	
E	0.038	0.042	0.95	1.05	
F	0.006	0.010	0.15	0.25	
G	0.014	0.018	0.35	0.45	
H	0.008	0.012	0.20	0.30	
J	0.020BSC		0.500BSC		
K	0.080BSC		2.000BSC		
L	0.014	0.018	0.35	0.45	
M	0.003REF		0.075REF		
N	0.002REF		0.050REF		
O	0.002	0.006	0.05	0.15	

DFN2626-10



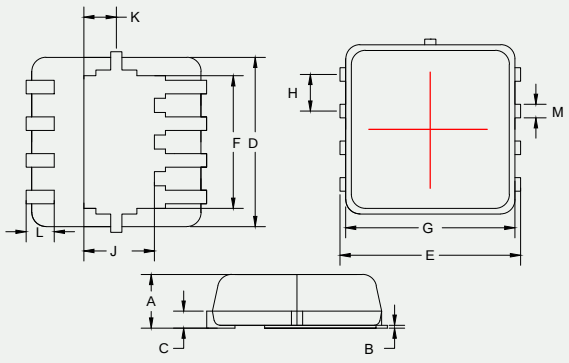
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.024	0.50	0.60	
B	0.000	0.002	0.00	0.05	
C	0.007		0.17		
D	0.098	0.106	2.50	2.70	
E	0.098	0.106	2.50	2.70	
F	0.079	0.089	2.00	2.25	
G	0.044	0.054	1.11	1.36	
H	0.012	0.016	0.30	0.40	
J	0.008	0.012	0.20	0.30	
K	0.020BSC		0.50BSC		

DFN3020-10



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.026	0.50	0.65	
B	0.000	0.002	0.00	0.05	
C	0.006		0.15		
D	0.114	0.122	2.90	3.10	
E	0.075	0.083	1.90	2.10	
F	0.010	0.018	0.25	0.45	
G	0.010	0.014	0.25	0.35	
H	0.006	0.010	0.15	0.25	
J	0.037 REF.		0.95 REF.		
K	0.020 REF.		0.65 REF.		
L	0.024 REF.		0.60 REF.		
M	0.037	0.041	0.95	1.05	

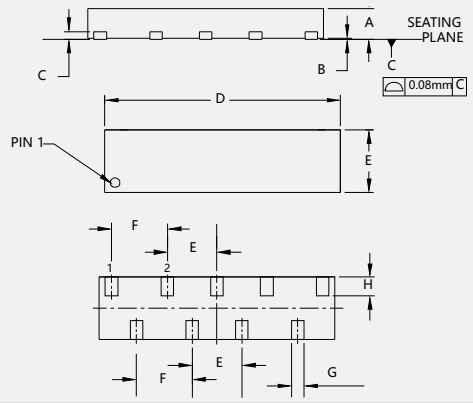
DFN3030



Dimensions					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.035	0.70	0.90	
B	0.000	0.002	0.00	0.05	
C	0.004	0.010	0.10	0.25	
D	0.118 BSC		3.00 BSC		
E	0.126 BSC		3.20 BSC		
F	0.093 BSC		2.35 BSC		
G	0.118 BSC		3.00 BSC		
H	0.026 BSC		0.65 BSC		
J	0.069 BSC		1.75 BSC		
K	0.023BSC		0.575 BSC		
L	0.012	0.020	0.30	0.50	
M	0.009	0.014	0.24	0.35	

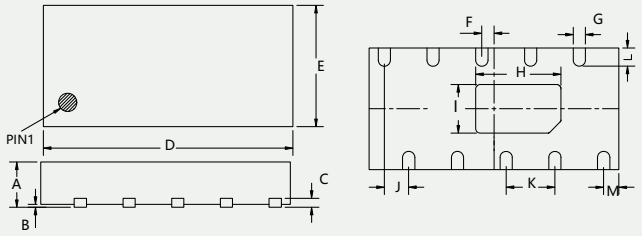
Package Outline

DFN3810-9



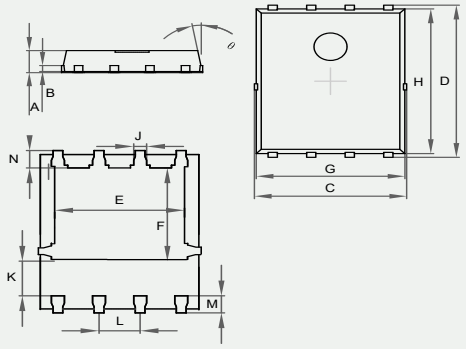
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.002	0.00	0.05	
C	0.005		0.13		
D	0.146	0.154	3.70	3.90	
E	0.031 BSC		0.800 BSC		
F	0.035 BSC		0.900 BSC		
G	0.006	0.010	0.15	0.25	
H	0.010	0.014	0.25	0.35	

DFN4120-10



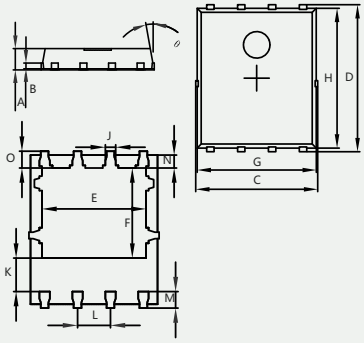
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.024	0.50	0.60	
B	0.000	0.002	0.00	0.05	
C	0.006 REF.		0.150 REF.		
D	0.162	0.166	4.05	4.15	
E	0.075	0.082	1.95	2.05	
F	0.008 REF.		0.200 REF.		
G	0.006	0.010	0.15	0.25	
H	0.050	0.060	1.25	1.50	
I	0.026	0.036	0.65	0.90	
J	0.016 REF.		0.40 REF.		
K	0.032 REF.		0.80 REF.		
L	0.008	0.016	0.20	0.40	
M	0.010 REF.		0.25 REF.		

DFN5060



Dimensions					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.035	.039	0.900	1.000	
B	0.010REF.		0.254REF.		
C	0.193	0.200	4.900	5.100	
D	0.232	0.240	5.900	6.100	
E	0.148	0.163	3.750	4.150	
F	0.130	0.142	3.300	3.600	
G	0.189	0.197	4.800	5.000	
H	0.222	0.230	5.650	5.850	
K	0.047	0.059	1.200	1.500	
J	0.014	0.018	0.350	0.450	
L	0.048	0.052	1.220	1.320	
M	0.020	0.028	0.510	0.710	
N	0.020	0.028	0.510	0.710	

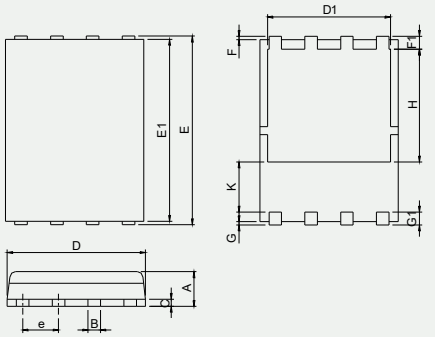
DFN5060-8



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.035	0.039	0.900	1.000	
B	0.010REF.		0.254REF.		
C	0.195	0.201	4.944	5.096	
D	0.235	0.241	5.974	6.126	
E	0.154	0.162	3.910	4.110	
F	0.133	0.141	3.375	3.575	
G	0.190	0.196	4.824	4.976	
H	0.223	0.229	5.674	5.826	
K	0.047	0.055	1.190	1.390	
J	0.014	0.018	0.350	0.450	
L	0.050TYP.		1.270TYP.		
M	0.022	0.028	0.559	0.711	
N	0.017	0.023	0.424	0.576	
O	0.023	0.029	0.574	0.726	
θ	10°	12°	10°	12°	

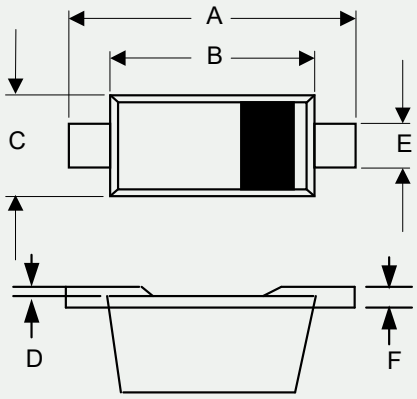
Package Outline

DFN5060-8L



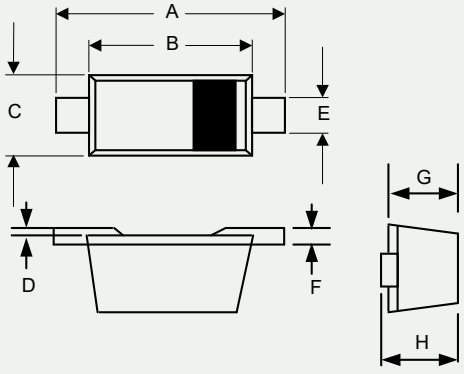
Dimensions					
DIM	INCHES		MM		NOTE
	MIN.	MAX.	MIN.	MAX.	
A	0.035	0.047	0.90	1.20	
B	0.012	0.020	0.3	0.51	
C	0.007	0.010	0.19	0.25	
D	0.189	0.209	4.80	5.30	
D1	0.157	0.173	4.00	4.40	
E	0.232	0.244	5.90	6.20	
E1	0.217	0.228	5.50	5.80	
e	0.050 BSC		1.27 BSC		
F	0.002	0.012	0.05	0.30	
F1	0.014	0.030	0.35	0.75	
G	0.002	0.012	0.05	0.30	
G1	0.014	0.030	0.35	0.75	
H	0.131	0.154	3.34	3.9	
K	0.03	-	0.762	-	

SOD-923



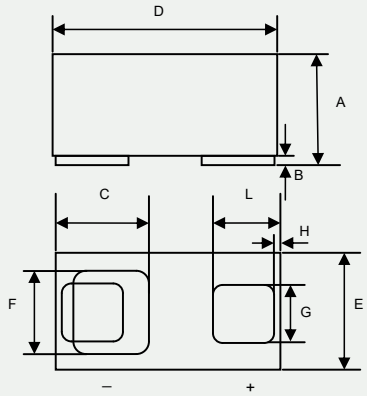
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.037	0.041	0.95	1.05	
B	0.030	0.033	0.75	0.85	
C	0.022	0.026	0.55	0.65	
D	0.014	0.017	0.36	0.43	
E	0.006	0.010	0.15	0.25	
F	0.003	0.007	0.07	0.17	

SOD-723



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.051	0.059	1.30	1.50	
B	0.035	0.043	0.90	1.10	
C	0.022	0.026	0.55	0.65	
D	0.001	0.003	0.01	0.07	
E	0.010	0.014	0.25	0.35	
F	0.003	0.006	0.08	0.15	
G	0.020	0.023	0.52	0.58	
H	0.021	0.026	0.53	0.65	

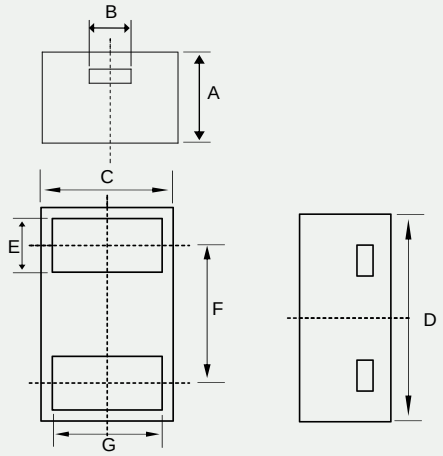
SOD-882



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.003	0.01	0.07	
C	0.019 REF.		0.470 REF.		
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
F	0.017 REF.		0.420 REF.		
G	0.011	0.015	0.27	0.37	
H	0.001 REF.		0.030 REF.		
L	0.013	0.017	0.34	0.44	

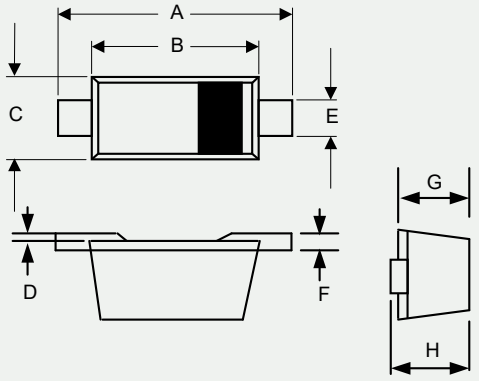
Package Outline

SOD-882E



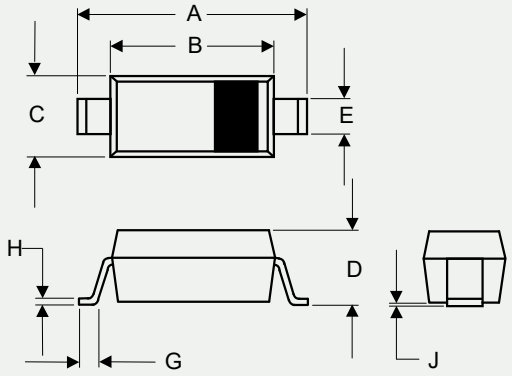
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.020	0.465	0.50	
B	0.008 REF.		0.200 REF.		
C	0.022	0.026	0.55	0.65	
D	0.037	0.041	0.95	1.05	
E	0.008	0.012	0.20	0.30	
F	0.025 REF.		0.640 REF.		
G	0.017	0.021	0.44	0.54	

SOD-523



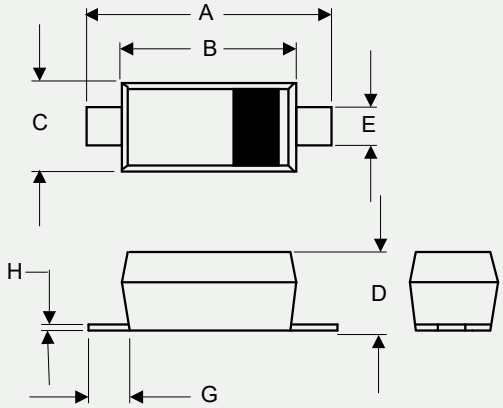
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.059	0.067	1.50	1.70	
B	0.043	0.051	1.10	1.30	
C	0.030	0.033	0.75	0.85	
D	0.001	0.003	0.01	0.07	
E	0.010	0.014	0.25	0.35	
F	0.003	0.006	0.08	0.15	
G	0.020	0.028	0.50	0.70	
H	0.020	0.031	0.51	0.77	

SOD-323



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.090	0.107	2.30	2.70	
B	0.063	0.071	1.60	1.80	
C	0.045	0.053	1.15	1.35	
D	0.031	0.045	0.80	1.15	
E	0.010	0.016	0.25	0.40	
G	0.004	0.018	0.10	0.45	
H	0.004	0.010	0.10	0.25	
J	---	0.006	---	0.15	

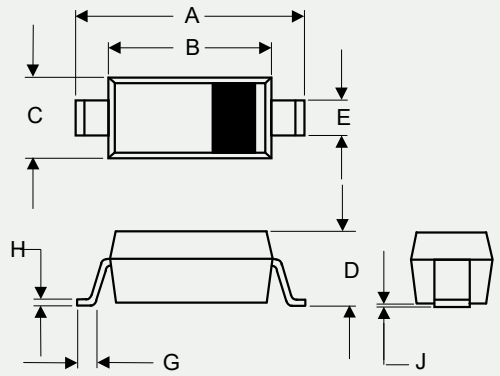
SOD-323FL



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.090	0.107	2.30	2.70	
B	0.063	0.078	1.60	1.95	
C	0.045	0.053	1.15	1.35	
D	0.024	0.035	0.60	0.90	
E	0.010	0.016	0.25	0.40	
G	0.016		0.40		
H	0.002	0.008	0.05	0.21	

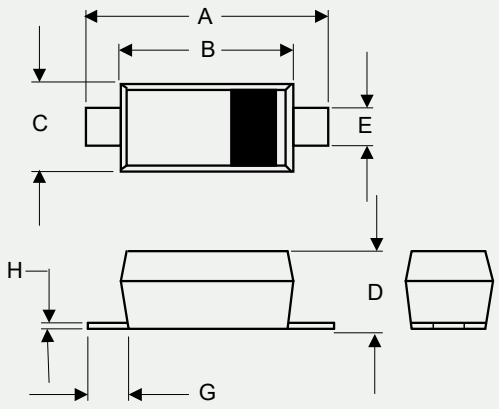
Package Outline

SOD-123



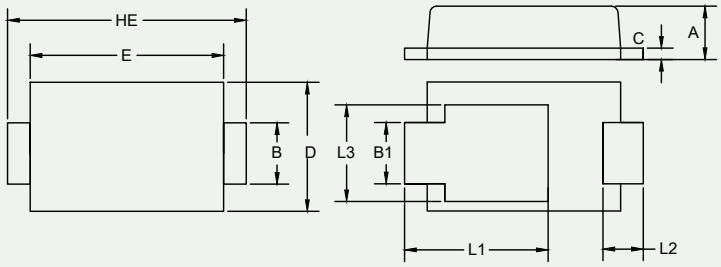
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.140	0.152	3.55	3.85	
B	0.100	0.112	2.55	2.85	
C	0.055	0.071	1.40	1.80	
D	---	0.053	---	1.35	
E	0.012	0.031	0.30	0.78	
G	0.006	---	0.15	---	
H	---	0.010	---	0.25	
J	---	0.006	---	0.15	

SOD-123FL



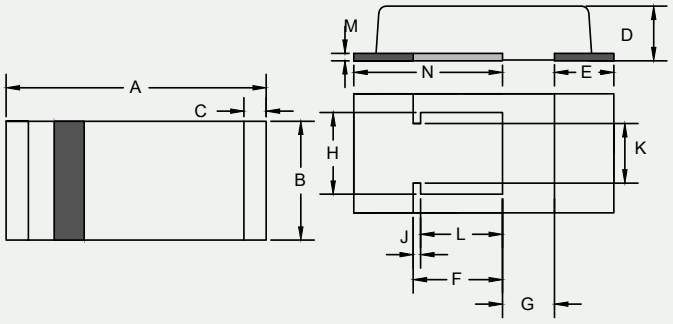
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.140	0.152	3.55	3.85	
B	0.100	0.122	2.55	3.10	
C	0.055	0.075	1.40	1.90	
D	0.035	0.053	0.90	1.35	
E	0.020	0.041	0.50	1.05	
G	0.010	---	0.25	---	
H	---	0.010	---	0.25	

SOD-123HE1



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.030	0.035	0.75	0.90	
B	0.033	0.041	0.85	1.05	
B1	0.033	0.041	0.85	1.05	
C	0.004	0.010	0.10	0.25	
D	0.075	0.083	1.90	2.10	
E	0.114	0.122	2.90	3.10	
L1	0.079	0.096	2.00	2.45	
L2	0.016	0.033	0.40	0.85	
L3	0.051	0.067	1.30	1.70	
HE	0.138	0.154	3.50	3.90	

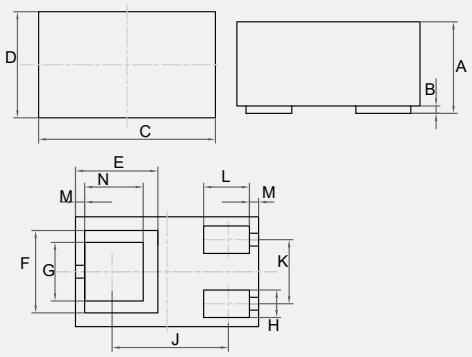
SOD-123HT



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.130	0.146	3.30	3.70	
B	0.055	0.071	1.40	1.80	
C	0.012		0.30		
D	0.024	0.039	0.60	1.00	
E	0.031		0.80		
F	0.043	0.051	1.10	1.30	
G	0.028	0.032	0.60	0.80	
H	0.039	0.047	1.00	1.20	
J	0.024		0.60		
K	0.030	0.034	0.75	0.85	
L	0.039	0.047	1.00	1.20	
M	0.004		0.10		
N	0.075	0.083	2.10	1.90	

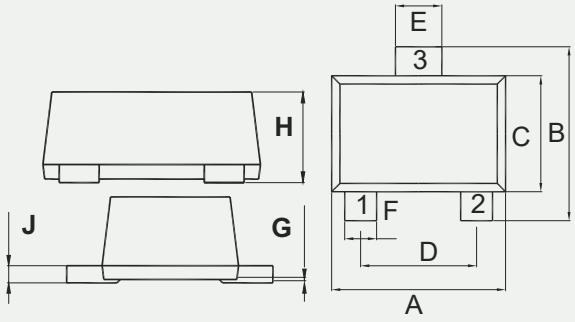
Package Outline

SOT-883



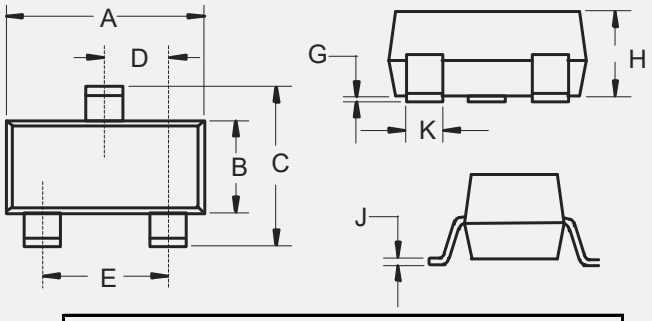
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.450	0.550	
B	0.000	0.004	0.010	0.100	
C	0.037	0.041	0.950	1.050	
D	0.022	0.026	0.550	0.650	
E	0.018REF.		0.450REF.		
F	0.018REF.		0.450REF.		
G	0.011	0.015	0.270	0.370	
H	0.004	0.008	0.100	0.200	
J	0.025REF.		0.635REF.		
K	0.012	0.016	0.300	0.400	
L	0.008	0.012	0.200	0.300	
M	0.002REF.		0.050REF.		
N	0.011	0.015	0.270	0.370	

SOT-723



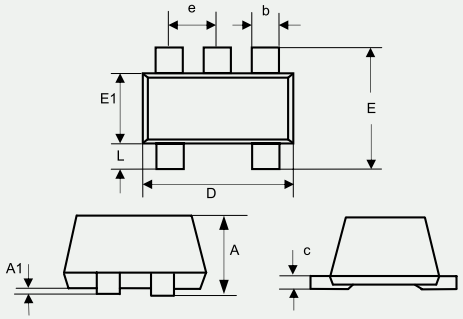
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.045	0.049	1.15	1.25	
B	0.045	0.049	1.15	1.25	
C	0.030	0.033	0.75	0.85	
D	0.031TYP		0.80TYP.		
E	0.011	0.015	0.27	0.37	
F	0.007	0.011	0.17	0.27	
G	0.000	0.002	0.00	0.05	
H	0.017	0.020	0.43	0.50	
J	0.003	0.006	0.08	0.15	

SOT-523



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.059	0.067	1.50	1.70	
B	0.057	0.069	1.45	1.75	
C	0.030	0.033	0.75	0.85	
D	.020 Nominal		0.50Nominal		
E	0.035	0.043	0.90	1.10	
G	0.000	0.004	0.00	0.10	
H	0.028	0.031	0.70	0.80	
J	0.004	0.008	0.10	0.20	
K	0.010	0.014	0.25	0.35	

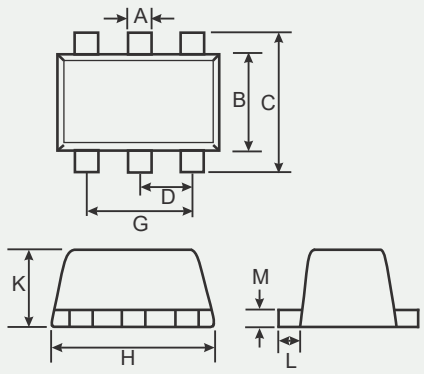
SOT-553



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.021	0.024	0.53	0.60	
A1	0.000	0.002	0.00	0.05	
e	0.018	0.022	0.45	0.55	
c	0.004	0.006	0.09	0.16	
D	0.059	0.067	1.50	1.70	
b	0.007	0.011	0.17	0.27	
E1	0.040	0.051	1.10	1.30	
E	0.059	0.067	1.50	1.70	
L	0.004	0.012	0.10	0.30	

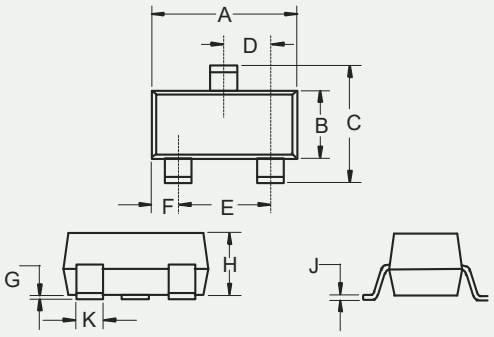
Package Outline

SOT-563



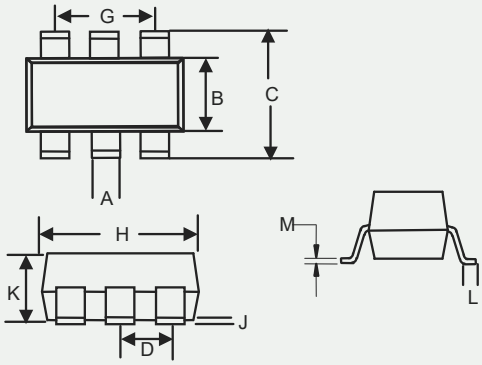
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.006	0.011	0.15	0.30	
B	0.043	0.049	1.10	1.25	
C	0.061	0.067	1.55	1.70	
D	0.020		0.50		
G	0.035	0.043	0.90	1.10	
H	0.059	0.067	1.50	1.70	
K	0.022	0.023	0.56	0.60	
L	0.004	0.011	0.10	0.30	
M	0.004	0.007	0.10	0.18	

SOT-323



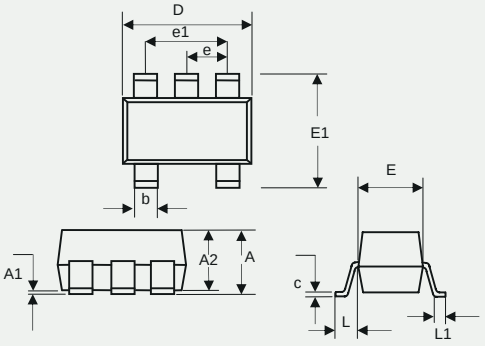
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.071	0.087	1.80	2.20	
B	0.045	0.053	1.15	1.35	
C	0.083	0.096	2.10	2.45	
D	.026 Nominal		0.65Nominal		
E	0.047	0.055	1.20	1.40	
F	0.012	0.016	0.30	0.40	
G	0.000	0.004	0.00	0.10	
H	0.035	0.039	0.90	1.00	
J	0.004	0.010	0.10	0.25	
K	0.006	0.016	0.15	0.40	

SOT-363



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.006	0.014	0.15	0.35	
B	0.045	0.053	1.15	1.35	
C	0.079	0.096	2.00	2.45	
D	0.026		0.65Nominal		
G	0.047	0.055	1.20	1.40	
H	0.071	0.087	1.80	2.20	
J	---	0.004	---	0.10	
K	0.035	0.043	0.90	1.10	
L	0.010	0.018	0.26	0.46	
M	0.003	0.006	0.08	0.15	

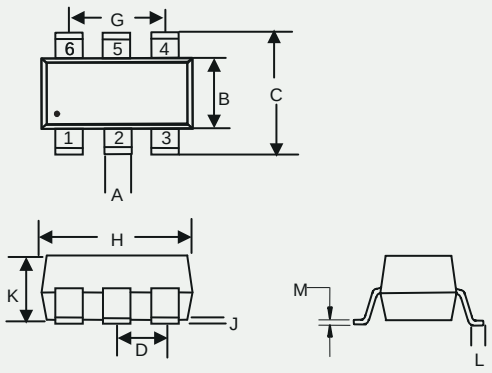
SOT-353



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.035	0.043	0.90	1.10	
A1	---	0.004	---	0.10	
A2	0.035	0.039	0.90	1.00	
b	0.006	0.014	0.15	0.35	
c	0.003	0.006	0.08	0.15	
D	0.790	0.087	2.00	2.20	
E	0.045	0.053	1.15	1.35	
E1	0.085	0.096	2.15	2.45	
e	0.026TYP		0.650TYP		
e1	0.047	0.055	1.20	1.40	
L	.021REF		0.525REF		
L1	0.010	0.018	0.26	0.46	

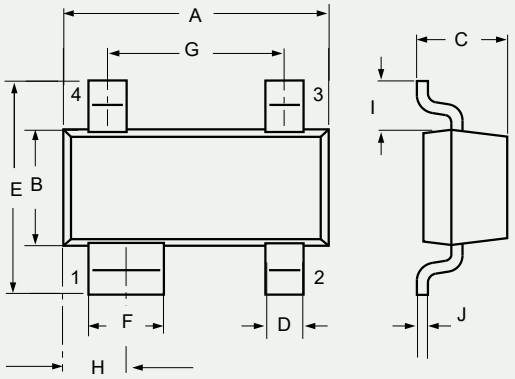
Package Outline

SOT23-6L



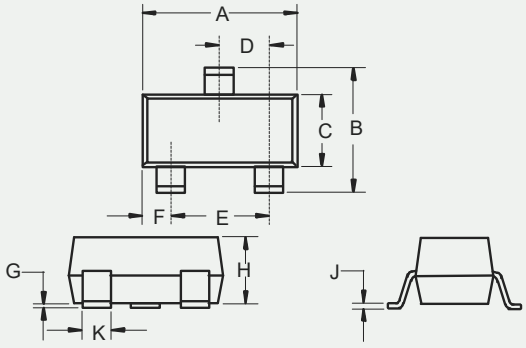
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.013	0.020	0.35	0.50	
B	0.060	0.066	1.52	1.68	
C	0.106	0.114	2.70	2.90	
D	0.037		0.95BSC		
G	0.074		1.90BSC		
H	0.111	0.117	2.82	2.98	
J	0.002	0.006	0.05	0.15	
K	0.035	0.051	0.90	1.30	
L	0.013	0.021	0.35	0.55	
M	0.003	0.008	0.08	0.22	

SOT-143



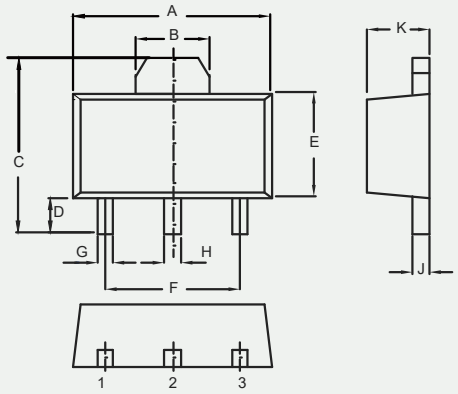
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.110	0.120	2.80	3.04	
B	0.047	0.055	1.20	1.39	
C	0.033	0.045	0.84	1.14	
D	0.012	0.020	0.39	0.50	
E	0.083	0.098	2.11	2.48	
F	0.031	0.037	0.79	0.93	
G	0.070	0.080	1.78	2.03	
H	0.028	0.033	0.72	0.83	
I	0.018	0.024	0.46	0.60	
J	0.003	0.006	0.08	0.15	

SOT-23



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.110	0.120	2.80	3.04	
B	0.083	0.104	2.10	2.64	
C	0.047	0.055	1.20	1.40	
D	0.035	0.041	0.89	1.03	
E	0.070	0.081	1.78	2.05	
F	0.018	0.024	0.45	0.60	
G	0.0005	0.0039	0.01	0.10	
H	0.035	0.044	0.89	1.12	
J	0.003	0.007	0.085	0.180	
K	0.015	0.020	0.37	0.51	

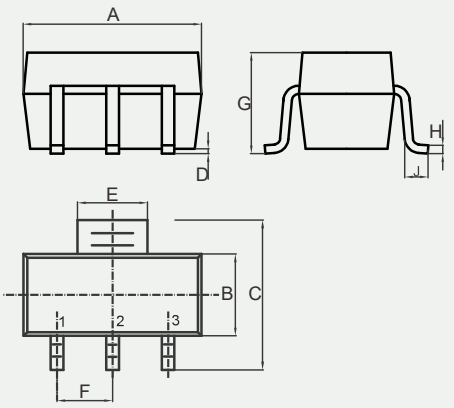
SOT-89



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.173	0.181	4.39	4.60	
B	0.063	0.071	1.60	1.80	
C	0.154	0.165	3.91	4.25	
D	0.031	0.039	0.80	1.00	
E	0.092	0.100	2.34	2.54	
F	0.118	---	3.00	---	TYP
G	0.013	0.019	0.33	0.48	
H	0.015	0.021	0.38	0.53	
J	0.015	0.016	0.38	0.41	
K	0.055	0.063	1.40	1.60	

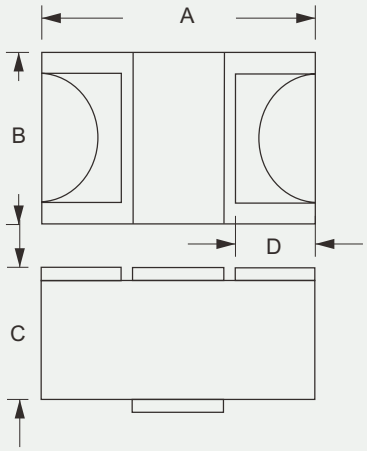
Package Outline

SOT-223



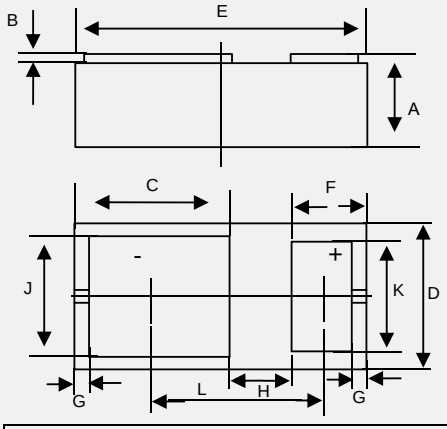
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.248	0.264	6.300	6.700	
B	0.130	0.146	3.300	3.700	
C	0.264	0.287	6.700	7.300	
D	0.001	0.004	0.020	0.100	
E	0.114	0.122	2.900	3.100	
F	0.091		2.300		
G	---	0.071	---	1.800	
H	0.009	0.014	0.230	0.350	
J	0.030	---	0.750	--	

0402



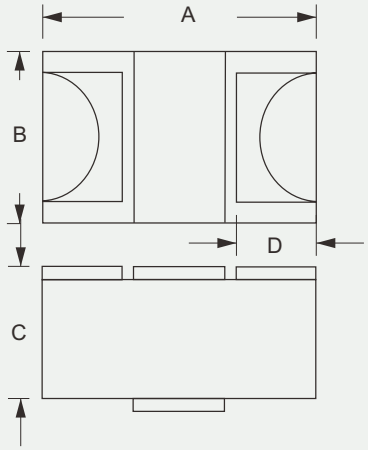
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.035	.047	0.90	1.20	
B	.017	.026	0.45	0.65	
C	.010	.018	0.25	0.45	
D	.006	.014	0.15	0.35	

FBP-02L



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.004	0.01	0.09	
C	0.033REF.		0.850REF.		
D	0.030	0.033	0.75	0.85	
E	0.061	0.065	1.55	1.65	
F	0.016 REF.		0.410 REF.		
G	0.003 REF.		0.080 REF.		
H	0.013 REF.		0.340 REF.		
J	0.024	0.030	0.60	0.76	
K	0.020	0.027	0.52	0.68	
L	0.035	0.039	0.90	1.00	

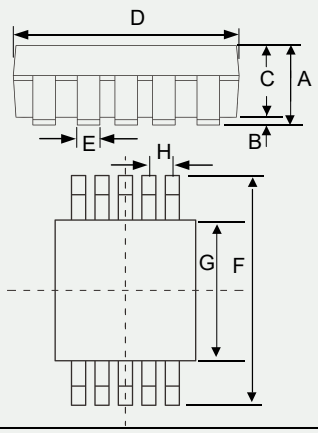
0603



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.057	.069	1.45	1.75	
B	.027	.038	0.70	0.95	
C	.011	.019	0.27	0.47	
D	.008	.020	0.20	0.50	

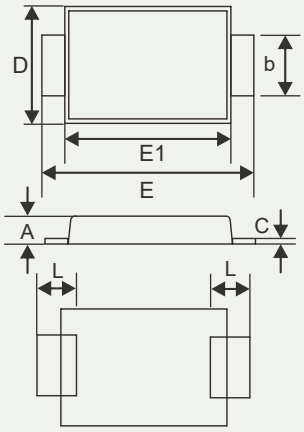
Package Outline

MSOP-10



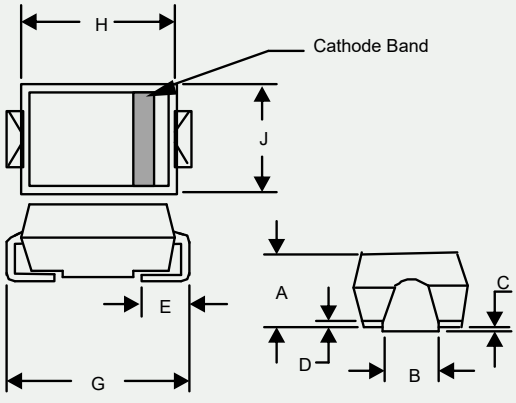
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	---	0.043	---	1.10	
B	0.000	0.006	0.00	0.15	
C	0.030	0.037	0.75	0.95	
D	0.114	0.122	2.90	3.10	
E	0.007	0.011	0.17	0.27	
F	0.193BSC		4.90BSC		
G	0.114	0.122	2.90	3.10	
H	0.020BSC		0.50BSC		

DO-221AC



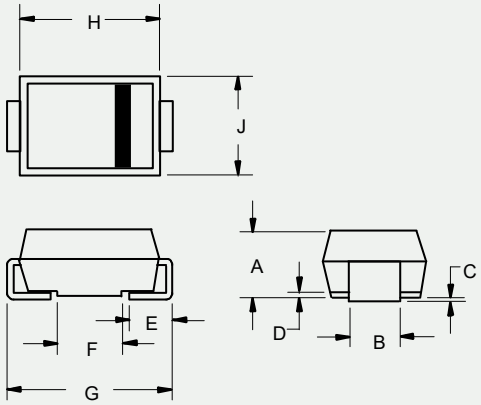
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.035	0.047	0.90	1.20	
B	0.049	0.065	1.25	1.65	
C	0.004	0.016	0.10	0.40	
D	0.089	0.116	2.25	2.95	
E	0.173	0.220	4.40	5.60	
E1	0.126	0.181	3.20	4.60	
L	0.028	0.059	0.70	1.50	

SMAE



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.079	0.096	2.01	2.44	
B	0.045	0.071	1.15	1.80	
C	0.002	0.008	0.05	0.20	
D	---	0.020	---	0.51	
E	0.030	0.060	0.76	1.52	
G	0.189	0.208	4.80	5.30	
H	0.157	0.180	4.00	4.57	
J	0.090	0.115	2.29	2.92	

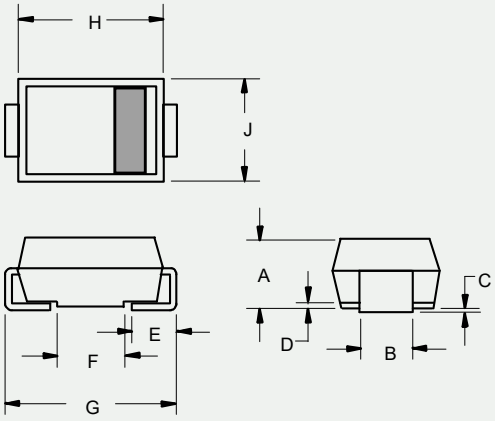
SMA



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.079	0.096	2.00	2.44	
B	0.050	0.064	1.27	1.63	
C	---	0.006	---	0.15	
D	---	0.020	---	0.51	
E	0.030	0.060	0.76	1.52	
F	0.065	0.091	1.65	2.32	
G	0.189	0.220	4.80	5.59	
H	0.157	0.181	4.00	4.60	
J	0.090	0.115	2.25	2.92	

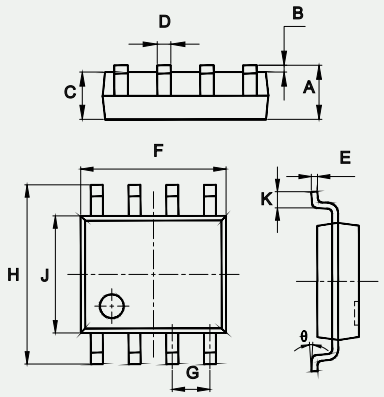
Package Outline

SMB



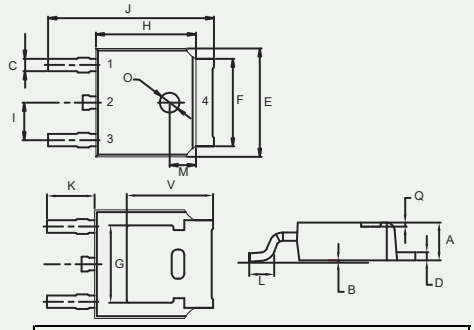
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.083	0.096	2.11	2.44	
B	0.075	0.083	1.91	2.11	
C	0.002	0.008	0.05	0.20	
D	---	0.020	---	0.51	
E	0.030	0.050	0.76	1.27	
F	0.065	0.091	1.65	2.32	
G	0.200	0.220	5.08	5.59	
H	0.160	0.185	4.06	4.70	
J	0.130	0.155	3.30	3.94	

SOP-8



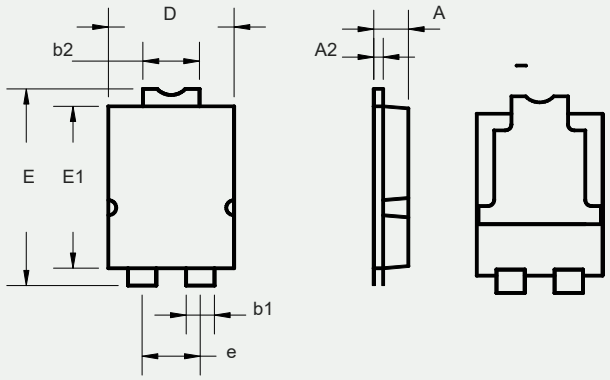
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.053	0.069	1.35	1.75	
B	0.004	0.010	0.10	0.25	
C	0.053	0.061	1.35	1.55	
D	0.013	0.020	0.33	0.51	
E	0.007	0.010	0.17	0.25	
F	0.189	0.197	4.80	5.00	
G	0.050 (BSC)		1.270 (BSC)		
H	0.228	0.244	5.80	6.20	
J	0.150	0.157	3.80	4.00	
K	0.016	0.050	0.40	1.27	
θ	0°	8°	0°	8°	

DPAK



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.087	0.094	2.20	2.40	
B	0.000	0.005	0.00	0.13	
C	0.026	0.034	0.66	0.86	
D	0.018	0.023	0.46	0.58	
E	0.256	0.264	6.50	6.70	
F	0.201	0.215	5.10	5.46	
G	0.190		4.83		
H	0.236	0.244	6.00	6.20	
I	0.086	0.094	2.18	2.39	
J	0.386	0.409	9.80	10.40	
K	0.114		2.90		
L	0.055	0.067	1.40	1.70	
M	0.063		1.60		
O	0.043	0.051	1.10	1.30	
Q	0.000	0.012	0.00	0.30	
V	0.211		5.35		

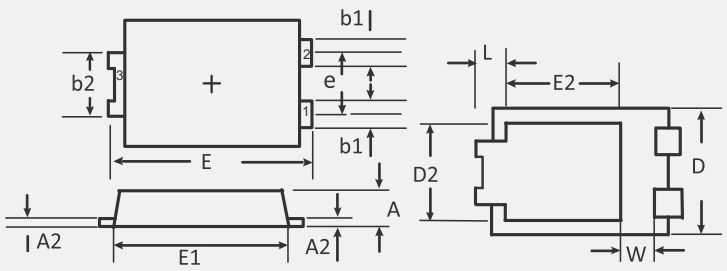
TO-277



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.041	0.045	1.05	1.15	
A2	0.010	0.014	0.25	0.35	
b1	0.031	0.039	0.80	1.00	
b2	0.067	0.075	1.70	1.90	
D	0.154	0.161	3.90	4.10	
E	0.252	0.260	6.40	6.60	
E1	0.205	0.215	5.20	5.40	
e	0.071	0.075	1.80	1.90	

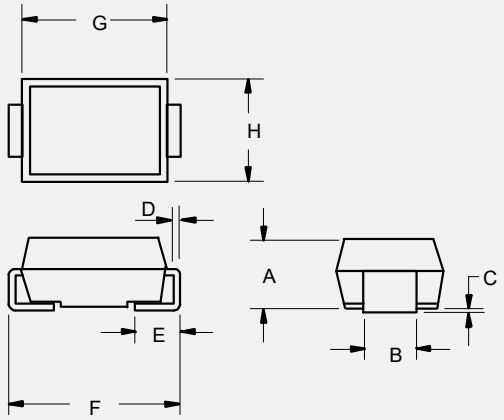
Package Outline

TO-277B



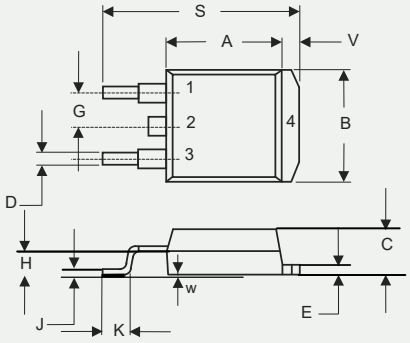
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.039	0.047	1.00	1.20	
A2	0.006	0.017	0.15	0.43	
b1	0.030	0.041	0.75	1.05	
b2	0.065	0.077	1.65	1.95	
D	0.148	0.169	3.75	4.30	
D2	0.110	0.126	2.80	3.20	
E	0.250	0.264	6.35	6.70	
e	0.065	0.077	1.65	1.95	
E1	0.207	0.228	5.25	5.80	
E2	0.120	0.142	3.05	3.60	
L	0.028	0.051	0.70	1.30	
W	0.031	0.056	0.80	1.42	

SMC



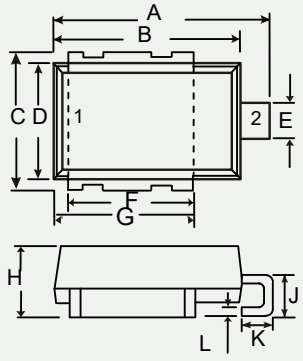
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.079	0.103	2.00	2.62	
B	0.108	0.128	2.75	3.25	
C	0.002	0.008	0.051	0.203	
D	0.006	0.012	0.152	0.305	
E	0.030	0.060	0.76	1.52	
F	0.305	0.320	7.75	8.13	
G	0.260	0.280	6.60	7.11	
H	0.220	0.245	5.59	6.22	

D2-PAK



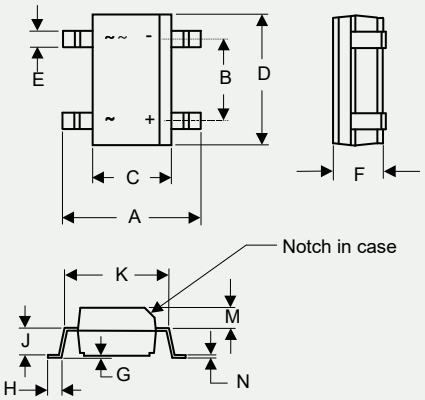
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.320	0.359	8.13	9.14	
B	0.380	0.411	9.65	10.45	
C	0.160	0.190	4.06	4.83	
D	0.020	0.035	0.51	0.89	
E	0.045	0.055	1.14	1.40	
G	0.095	0.105	2.41	2.67	
H	0.096	0.134	2.43	3.40	
J	0.014	0.021	0.35	0.53	
K	0.090	0.131	2.29	3.32	
S	0.575	0.625	14.22	16.22	
V	0.045	0.055	1.14	1.40	
W	0.000	0.006	0.00	0.15	

DO-218AB



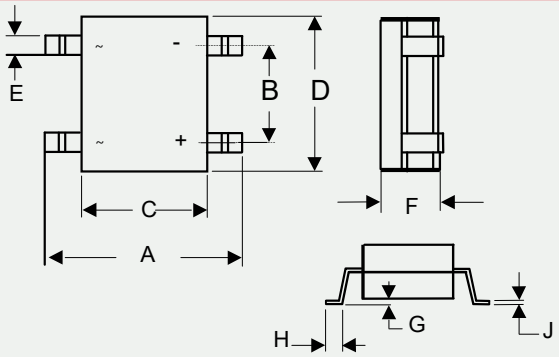
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.590	0.630	15.00	16.00	
B	0.524	0.539	13.30	13.70	
C	0.374	0.413	9.50	10.50	
D	0.323	0.339	8.20	8.60	
E	0.091	0.114	2.30	2.90	
F	0.343	0.366	8.70	9.30	
G	0.382	0.406	9.70	10.30	
H	0.189	0.205	4.80	5.20	
J	0.098	0.138	2.50	3.50	
K	0.067	0.106	1.70	2.70	
L	0.020	0.028	0.50	0.70	

MBS-1



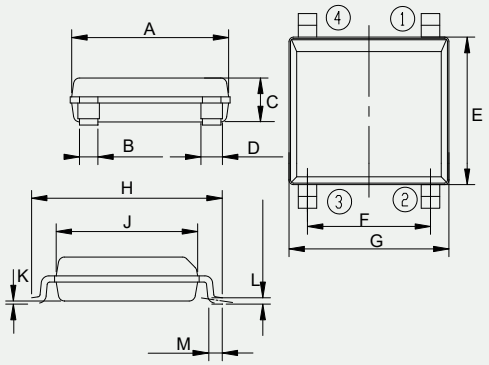
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.252	0.276	6.40	7.00	
B	0.095	0.106	2.41	2.70	
C	0.142	0.165	3.60	4.20	
D	0.179	0.195	4.55	4.95	
E	0.019	0.031	0.50	0.80	
F	0.090	0.106	2.30	2.70	
G	0.002	0.008	0.05	0.20	
H	0.027	0.043	0.70	1.10	
J	0.058	0.062	1.47	1.57	
K	0.195	0.205	4.95	5.21	
M	0.039	0.049	0.99	1.24	
N	0.006	0.016	0.15	0.41	

MBLS-1



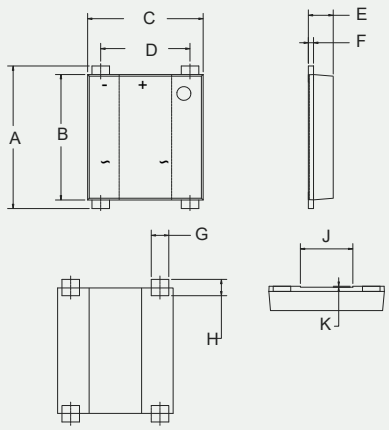
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.252	0.283	6.40	7.20	
B	0.087	0.102	2.20	2.60	
C	0.142	0.193	3.60	4.90	
D	0.177	0.200	4.55	5.10	
E	0.022	0.033	0.55	0.84	
F	0.045	0.063	1.15	1.60	
G	0.000	0.008	0.00	0.20	
H	0.016	0.043	0.40	1.10	
J	0.004	0.016	0.10	0.35	

LMBS-1



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.197	0.205	4.90	5.20	
B	0.024		0.60		
C	---	0.059	---	1.50	
D	0.024	0.032	0.60	0.80	
E	---	0.189	---	4.80	
F	0.150	0.165	3.80	4.20	
G	---	0.209	---	5.30	
H	0.236	0.252	6.00	6.60	
J	0.177	0.185	4.30	4.70	
k	0.0009	0.004	0.02	0.21	
L	0.006	0.012	0.15	0.30	
M	0.017	0.031	0.25	0.70	

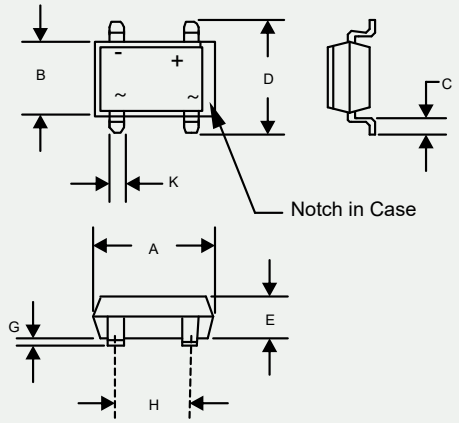
TBS



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.311	0.339	7.90	8.60	
B	0.283	0.291	7.20	7.40	
C	0.256	0.264	6.50	6.70	
D	0.197	0.205	5.00	5.20	
E	0.051	0.059	1.30	1.50	
F	0.011	0.016	0.27	0.40	
G	0.037	0.045	0.95	1.15	
H	0.028	0.041	0.70	1.05	
J	0.114	0.122	2.90	3.10	
K	0.0015	0.003	0.04	0.08	

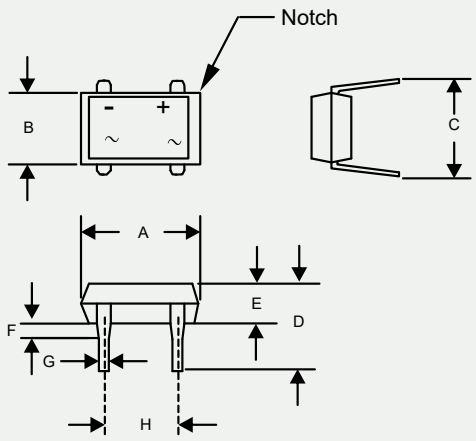
Package Outline

SDB-1



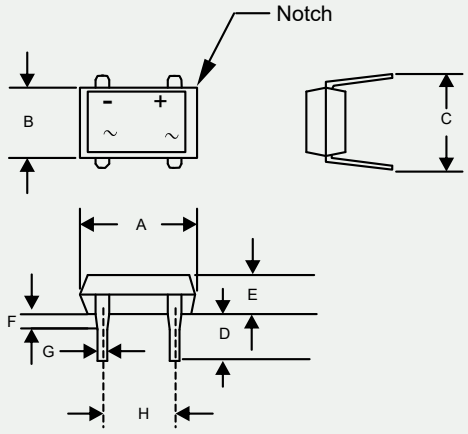
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.316	0.335	8.05	8.51	
B	0.245	0.255	6.20	6.50	
C	0.040	0.060	1.02	1.50	
D	0.360	0.410	9.40	10.40	
E	0.102	0.130	2.60	3.30	
G	0.003	0.013	0.076	0.33	
H	0.195	0.205	5.00	5.20	
K	0.038	0.047	1.00	1.20	

DB-1



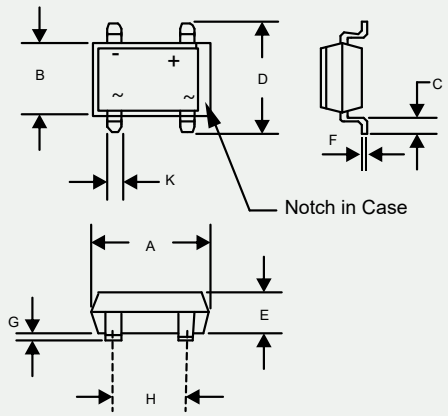
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.316	0.335	8.05	8.51	
B	0.245	0.255	6.20	6.50	
C	0.300	0.350	7.60	8.90	
D	0.236	0.299	6.01	7.60	
E	0.102	0.130	2.60	3.30	
F	0.060		1.50		Typ
G	0.016	0.022	0.41	0.56	Typ
H	0.195	0.205	5.00	5.20	

DBL-1



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.316	0.335	8.05	8.51	
B	0.245	0.255	6.20	6.50	
C	0.300	0.350	7.60	8.90	
D	0.150	0.185	3.81	4.69	
E	0.093	0.096	2.35	2.45	
F	0.050	0.080	1.27	2.03	
G	0.018	0.023	0.46	0.56	
H	0.195	0.205	5.00	5.20	

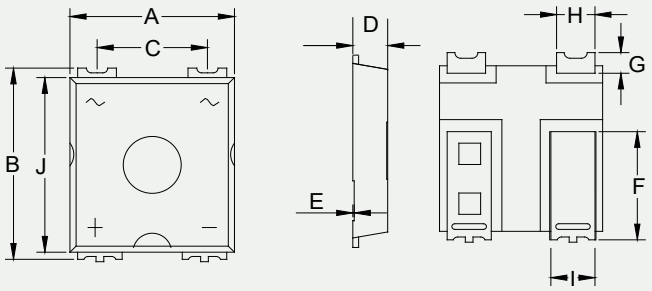
SDBL-1



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.320	0.335	8.12	8.51	
B	0.244	0.256	6.20	6.50	
C	0.040	0.060	1.02	1.53	
D	0.366	0.413	9.30	10.50	
E	0.087	0.095	2.20	2.40	
F	0.006	0.013	0.15	0.33	
G	0.003	0.013	0.076	0.33	
H	0.195	0.205	5.00	5.20	
K	0.037	0.047	0.95	1.20	

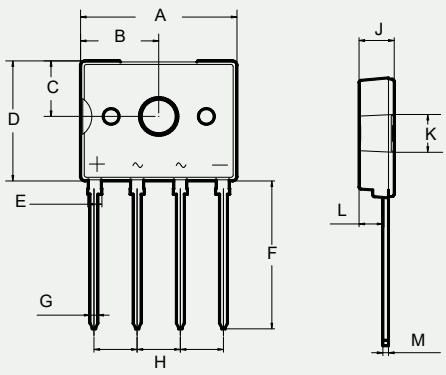
Package Outline

TBSL



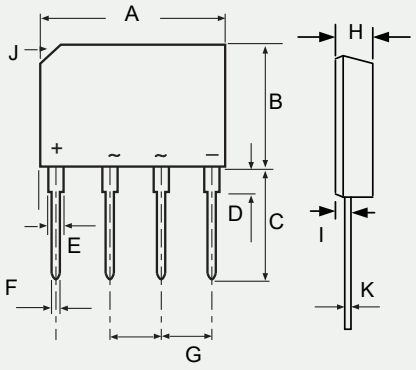
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.327	.342	8.30	8.70	
B	.399	.415	10.15	10.55	
C	.220	.228	5.60	5.80	
D	.067	.074	1.70	1.90	
E	.001	.005	0.02	0.12	
F	.228	.244	5.80	6.20	
G	.008	.039	0.20	1.00	
H	.075	.083	1.90	2.10	
I	.087	.094	2.20	2.40	
J	.354	.370	9.00	9.40	

D3K



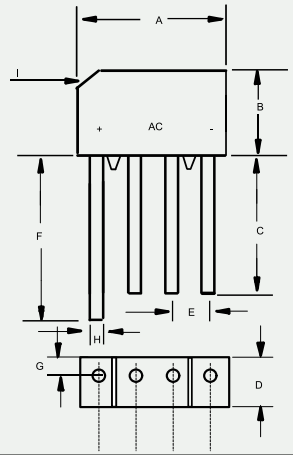
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.524	0.563	13.30	14.30	
B	0.252	0.291	6.40	7.40	
C	0.177	0.217	4.50	5.50	
D	0.406	0.445	10.30	11.30	
E	0.041	0.057	1.05	1.45	
F	0.516	0.531	13.10	13.50	
G	0.024	0.033	0.60	0.85	
H	0.146	0.154	3.70	3.90	
J	0.102	0.142	2.60	3.60	
K	0.122	0.134	3.10	3.40	
L	0.079	0.087	2.00	2.20	
M	0.016	0.024	0.40	0.60	

GBP



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.561	0.580	14.25	14.75	
B	0.406	0.417	10.10	10.60	
C	0.561	0.581	14.25	14.73	
D	0.071	0.087	1.80	2.20	
E	0.048	0.056	1.22	1.42	
F	0.030	0.034	0.76	0.86	
G	0.146	0.154	3.70	3.90	
H	0.131	0.144	3.35	3.65	
I	0.031	0.043	0.80	1.10	
J	0.106 X 45°		2.70 X 45°		
K	0.014	0.022	0.35	0.55	

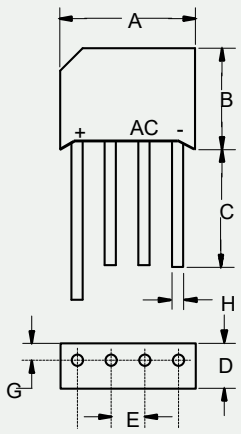
KBPR



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.560	0.600	14.32	15.24	
B	0.420	0.460	10.70	11.70	
C	0.500	---	12.70	---	
D	0.132	0.144	3.35	3.65	
E	0.140	0.160	3.60	4.10	
F	0.600	---	15.24	---	
G	0.035	0.047	0.90	1.20	
H	0.028	0.034	0.76	0.86	
I	0.12 X 45		3.0 X 45		

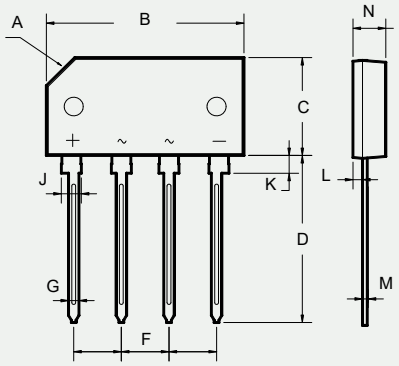
Package Outline

RS-4L



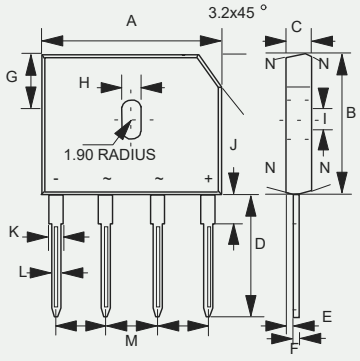
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.728	0.768	18.50	19.50	
B	0.600	0.640	15.20	16.30	
C	0.630	---	16.00	---	
D	0.217	0.256	5.50	6.50	
E	0.180	0.220	4.60	5.60	
G	---	0.083	---	2.10	
H	0.048	0.052	1.20	1.30	

GBL



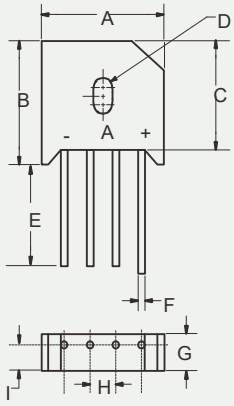
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.118 X	0.118	3.0 X 3.0		X 45 °
B	0.756	0.835	19.20	21.20	
C	0.413	0.453	10.50	11.50	
D	0.512	0.591	13.00	15.00	
F	0.193	0.201	4.90	5.10	
G	0.039	0.047	1.00	1.20	
J	0.047	0.071	1.20	1.80	
K	0.079	0.118	2.00	3.00	
L	0.035	0.043	0.90	1.10	
M	0.020	0.027	0.50	0.70	
N	0.118	0.157	3.00	4.00	

GBU



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.860	0.880	21.80	22.30	
B	0.720	0.740	18.30	18.80	
C	0.130	0.142	3.30	3.60	
D	0.690	0.717	17.50	18.20	
E	0.030	0.039	0.76	1.00	
F	0.018	0.024	0.46	0.60	
G	0.290	0.310	7.40	7.90	
H	0.140	0.160	3.50	4.10	
R	0.065	0.085	1.65	2.16	
J	0.060	0.096	1.52	2.45	
K	0.077	0.098	1.95	2.50	
L	0.040	0.050	1.02	1.27	
M	0.190	0.210	4.83	5.33	
N	7.0° TYPICAL				

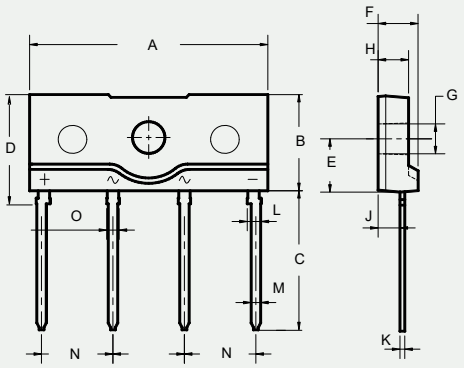
RS-6



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.895	0.935	22.70	23.70	
B	---	0.760	---	19.30	
C	0.660	0.728	16.80	18.50	
D	0.15 X	0.23L	3.8 X	5.57L	HOLE
E	0.787	---	20.00	---	
F	0.048	0.052	1.20	1.30	TYP
G	0.260	0.280	6.60	7.10	
H	0.180	0.220	4.60	5.60	
I	0.181	0.205	4.60	5.20	

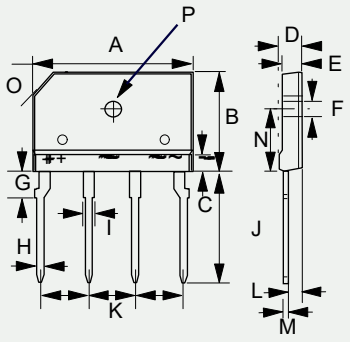
Package Outline

JB



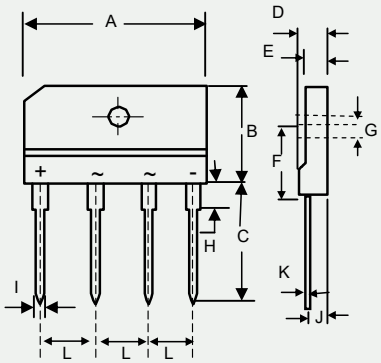
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.972	0.996	24.70	25.30	
B	0.394	0.417	10.00	10.60	
C	0.575	0.598	14.60	15.20	
D	0.449	0.472	11.40	12.00	
E	0.213	0.236	5.40	6.00	
F	0.154	0.177	3.90	4.50	
G	0.122	0.134	3.10	3.40	
H	0.114	0.138	2.90	3.90	
J	0.079	0.102	2.00	2.60	
K	0.012	0.024	0.40	0.60	
L	0.053	0.061	1.35	1.55	
M	0.035	0.043	0.90	1.10	
N	0.287	0.303	7.30	7.70	
O	0.047	0.055	1.20	1.40	

KBJ



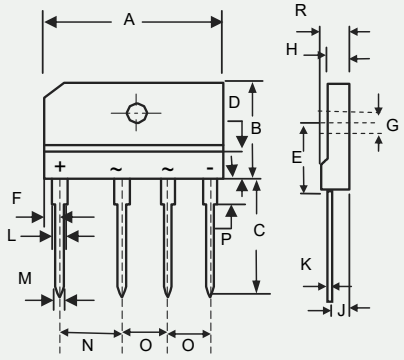
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.976	0.992	24.80	25.20	
B	0.579	0.602	14.70	15.30	
C	0.154	0.161	3.90	4.10	
D	0.173	0.189	4.40	4.80	
E	0.134	0.150	3.40	3.80	
F	0.122	0.134	3.10	3.40	⌀
G	0.130	0.146	3.30	3.70	
H	0.035	0.043	0.90	1.10	
I	0.059	0.075	1.50	1.90	
J	0.669	0.709	17.00	18.00	
K	0.287	0.303	7.30	7.70	
L	0.098	0.114	2.50	2.90	
M	0.024	0.031	0.60	0.80	
N	0.366	0.413	9.30	10.50	
O	0.118 X 45 °		3.0 X 45 °		
P	0.122	0.134	3.10	3.40	⌀

KBJL



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.972	0.996	24.70	25.30	
B	0.394	0.417	10.00	10.60	
C	0.697	0.736	17.70	18.70	
D	0.142	0.157	3.60	4.00	
E	0.110	0.126	2.80	3.20	
F	0.217	0.232	5.50	5.90	
G	0.122	0.134	3.10	3.40	
H	0.669 typ		1.70 typ		
I	0.035	0.043	0.90	1.10	
J	0.098	0.114	2.50	2.90	
K	0.016	0.024	0.40	0.60	
L	0.287	0.303	7.30	7.70	

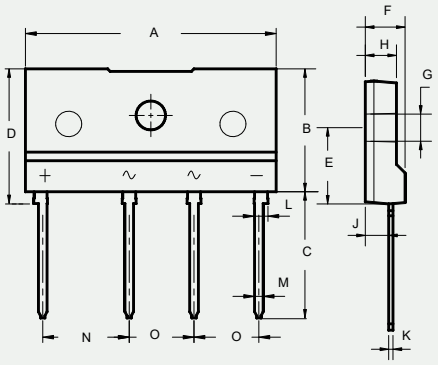
GBJL



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.067	1.091	27.10	27.70	
B	0.551	0.575	14.00	14.60	
C	0.570	0.610	4.50	15.50	
D	0.071 typ		1.80 typ		
E	0.339	0.354	8.60	9.00	
F	0.071	0.087	1.80	2.20	
G	0.120	0.134	3.00	3.40	
H	0.110	0.126	2.80	3.20	
J	0.098	0.114	2.50	2.90	
K	0.012	0.028	0.30	0.70	
L	0.098	0.114	2.50	2.90	
M	0.035	0.043	0.90	1.10	
N	0.390	0.400	9.80	10.20	
O	0.290	0.300	7.30	7.70	
P	0.079	0.094	2.00	2.40	
R	0.150	0.157	3.60	4.00	

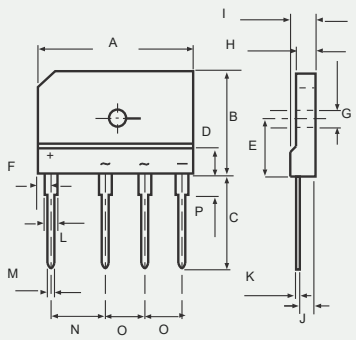
Package Outline

JA



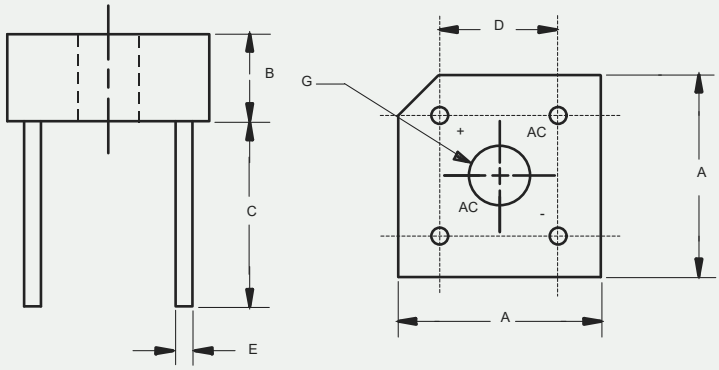
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.130	1.154	28.70	29.30	
B	0.559	0.583	14.20	14.80	
C	0.575	0.598	14.60	15.20	
D	0.614	0.638	15.60	16.20	
E	0.343	0.366	8.70	9.30	
F	0.169	0.193	4.30	4.90	
G	0.122	0.134	3.10	3.40	
H	0.130	0.154	3.30	3.90	
J	0.098	0.114	2.50	2.90	
K	0.012	0.024	0.40	0.60	
L	0.059	0.067	1.50	1.70	
M	0.035	0.043	0.90	1.10	
N	0.390	0.400	9.80	10.20	
O	0.290	0.300	7.30	7.70	

GBJ



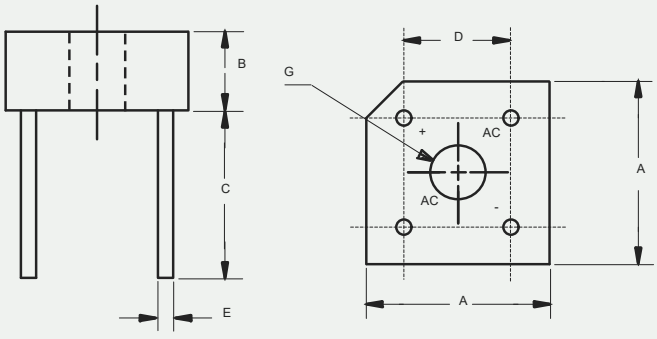
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.170	1.190	29.70	30.30	
B	0.780	0.800	19.70	20.30	
C	0.670	0.710	17.00	18.00	
D	0.190	0.190	4.70	4.90	
E	0.430	0.440	10.80	11.20	
F	0.090	0.110	2.30	2.70	
G	0.120	0.130	3.10	3.40	
H	0.130	0.150	3.40	3.80	
I	0.170	0.190	4.40	4.80	
J	0.100	0.110	2.50	2.90	
K	0.020	0.030	0.60	0.80	
L	0.080	0.090	2.00	2.40	
M	0.040	0.040	0.90	1.10	
N	0.390	0.400	9.80	10.20	
O	0.290	0.300	7.30	7.70	
P	0.150	0.170	3.80	4.20	

PB-6



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.578	0.619	14.69	15.71	2PL
B	0.230	0.270	5.84	6.86	
C	0.752	---	19.10	---	
D	0.405	0.445	10.29	11.31	2PL
E	0.038	0.042	0.97	1.07	4PL/TY
G	0.145	---	3.70	---	∅

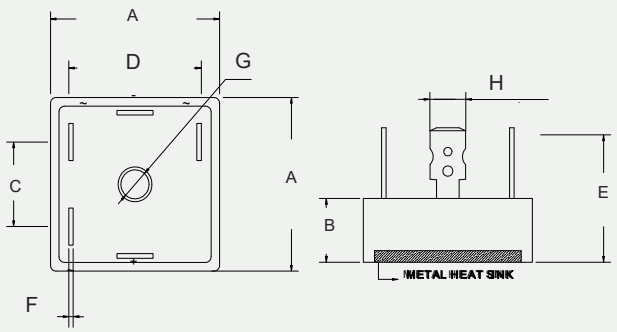
PB-10



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.730	0.770	18.50	19.56	2PL
B	0.250	0.300	6.35	7.60	
C	0.750	---	19.10	---	
D	0.480	0.520	12.20	13.20	2PL
E	0.050		1.27		4PL/TYP
G	HOLE FOR NO 6 SCREW				∅

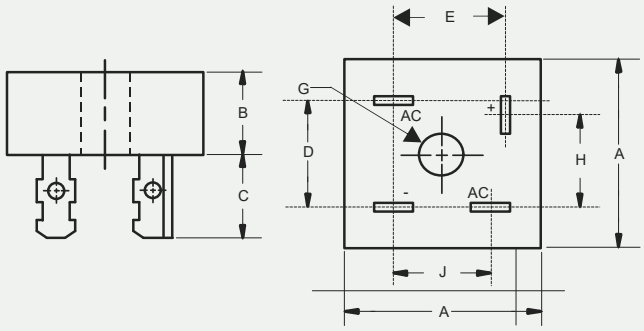
Package Outline

MT-35A



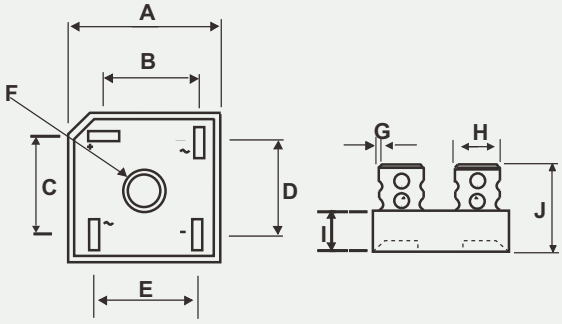
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.110	1.134	28.20	28.80	
B	0.354	0.394	9.00	10.00	
C	0.610	0.650	15.50	16.50	
D	0.948	0.988	24.10	25.10	
E	0.944		25.00		
F	0.029	0.033	0.75	0.85	
G	0.193		4.90		
H	0.244	0.251	6.20	6.40	

MB-35



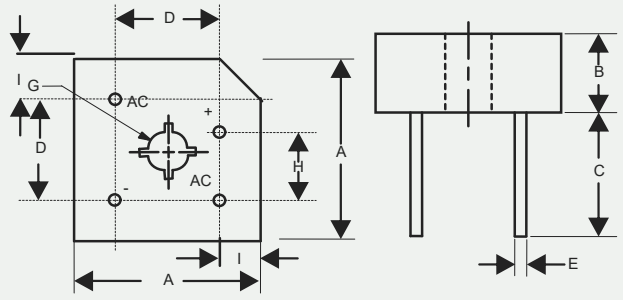
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.110	1.135	28.20	28.83	
B	0.425	0.447	10.80	11.35	
C	0.421	0.480	10.70	12.20	
D	0.673	0.751	17.10	19.10	
E	0.602	0.681	15.30	17.30	
G	0.193	---	4.90	---	∅
H	0.602	0.681	15.30	17.30	
J	0.519	0.598	13.20	15.20	

GBPC



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.114	1.134	28.30	28.80	
B	0.634	0.673	16.10	17.10	
C	0.634	0.673	16.10	17.10	
D	0.543	0.583	13.80	14.80	
E	0.693	0.732	17.60	18.60	
F	0.197 Nominal		5.00 Nominal		
G	0.030	0.034	0.76	0.86	
H	0.244	0.256	6.20	6.50	
I	0.291	0.315	7.40	8.00	
J	0.740	0.839	18.80	21.30	

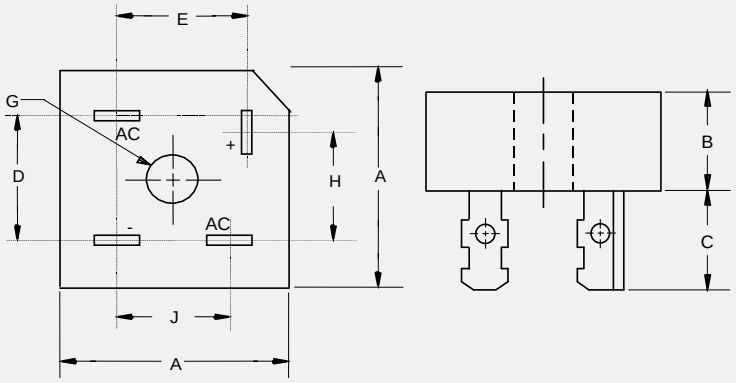
MP-50W



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.118	1.130	28.40	28.70	
B	0.432	0.442	10.97	11.23	
C	0.769	---	19.53	---	
D	0.673	0.752	17.10	19.10	
E	0.038	0.042	0.97	1.07	4PL/TYP
G	0.193	---	4.90	---	∅
H	0.429	0.468	10.90	11.90	
I	0.169	0.236	4.30	6.00	

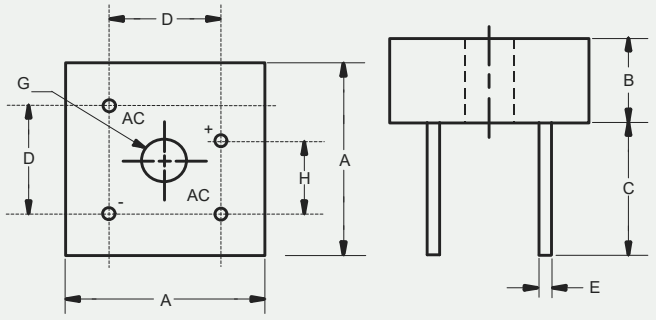
Package Outline

MP-50



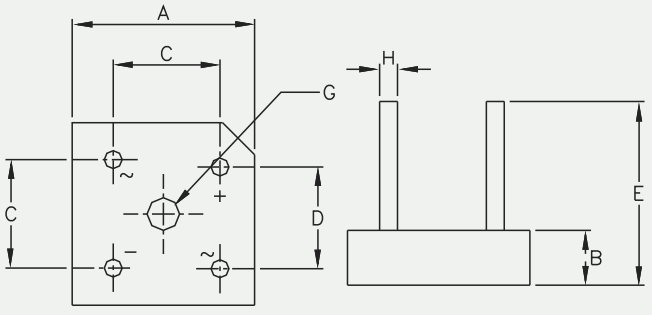
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.118	1.130	28.40	28.70	
B	.432	.442	10.97	11.23	
C	.468	.558	11.89	14.17	
D	.689	.728	17.50	18.5	
E	.618	.657	15.70	16.70	
G	.193	---	4.90	---	∅
H	.618	.657	15.70	16.70	
J	.531	.571	13.50	14.50	

MB-35W



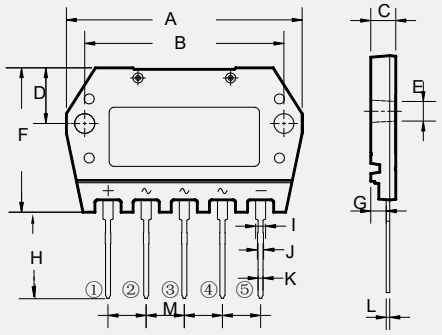
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.115	1.135	28.33	28.83	
B	0.427	0.447	10.85	11.35	
C	0.774	---	19.65	---	
D	0.673	0.752	17.10	19.10	
E	0.038	0.042	0.96	1.07	4PL/TYP
G	0.193	---	4.90	---	∅
H	0.429	0.469	10.90	11.90	

GBPC-W



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.122	1.142	28.50	29.00	
B	0.432	0.442	10.97	11.23	
C	0.673	0.752	17.10	19.10	
D	0.410	0.490	10.40	12.40	
E	1.200	---	30.50	---	
H	0.038	0.042	0.97	1.07	
G	0.200	0.220	5.08	5.59	

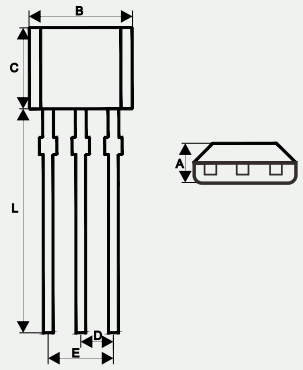
TSB-5



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.834	1.874	46.60	47.60	
B	1.555	1.579	39.50	40.10	
C	0.185	0.209	4.70	5.30	
D	0.433	0.457	11.00	11.60	
E	0.157	0.177	4.00	4.50	
F	1.134	1.173	28.80	29.80	
G	0.118	0.126	3.00	3.20	
H	0.677	0.701	17.20	17.80	
I	0.075	0.083	1.90	2.10	
J	0.039	0.047	1.00	1.20	
K	0.035	0.043	0.90	1.10	
L	0.024	0.031	0.60	0.80	
M	0.296	0.304	7.52	7.72	

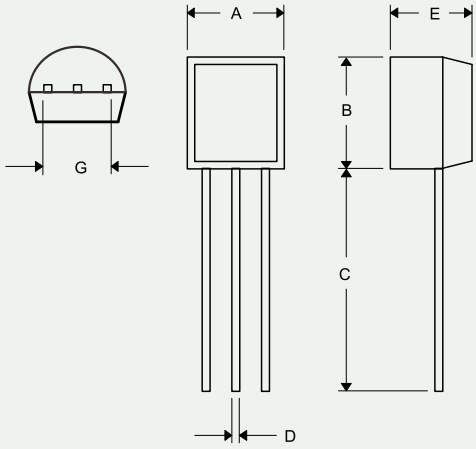
Package Outline

TO-92S



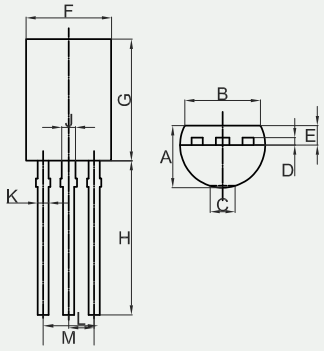
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.056	0.064	1.42	1.62	
B	0.154	0.161	3.90	4.10	
C	0.120	0.128	3.05	3.25	
D	0.050		1.27		Straight Lead
	0.086	0.110	2.20	2.80	Bent Lead
E	0.096	0.104	2.44	2.64	Straight Lead
	0.173	0.220	4.40	5.60	Bent Lead
L	0.594	0.610	15.10	15.50	

TO-92



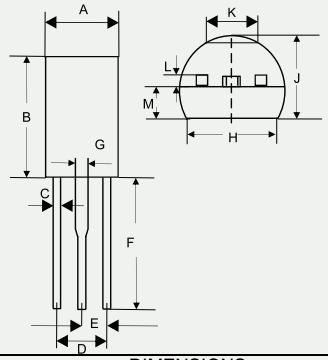
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.175	0.185	4.45	4.70	
B	0.175	0.185	4.45	4.70	
C	0.500	---	12.70	---	
D	0.016	0.020	0.41	0.63	
E	0.135	0.145	3.43	3.68	
G	0.095	0.105	2.42	2.67	Straight Lead
	0.173	0.220	4.40	5.60	Bent

TO-92L



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.146	0.161	3.70	4.10	
B	0.157	---	4.00	---	
C	0.000	0.012	0.00	0.30	
D	0.014	0.018	0.35	0.45	
E	0.050	0.062	1.28	1.58	
F	0.185	0.201	4.70	5.10	
G	0.307	0.323	7.80	8.20	
H	0.543	0.559	13.80	14.20	
J	0.024	0.031	0.60	0.80	
K	0.014	0.022	0.35	0.55	
L	0.050		1.27		Straight Lead
	0.086	0.110	2.20	2.80	Bent Lead
M	0.096	0.104	2.44	2.64	Straight Lead
	0.173	0.220	4.40	5.60	Bent Lead

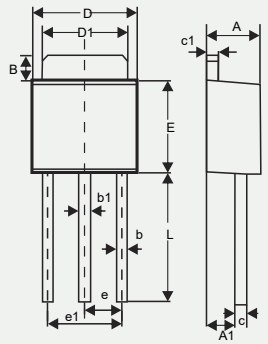
TO-92MOD



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.228	0.244	5.80	6.20	
B	0.331	0.346	8.40	8.80	
C	0.016	0.024	0.40	0.60	
D	0.114	0.122	2.90	3.10	Straight Lead
	0.173	0.220	4.40	5.60	Bent Lead
E	0.059		1.50		Straight Lead
	0.086	0.110	2.20	2.80	Bent Lead
F	0.543	0.559	13.80	14.20	
G	0.035	0.043	0.90	1.10	
H	0.157	---	4.00	---	
J	0.185	0.201	4.70	5.10	
K	---	0.063	---	1.60	
L	0.016	0.020	0.40	0.50	
M	0.068	0.080	1.73	2.03	

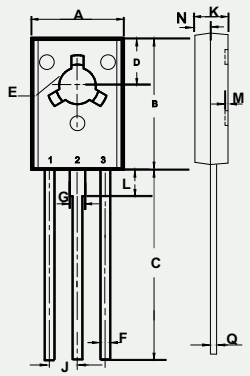
Package Outline

TO-251



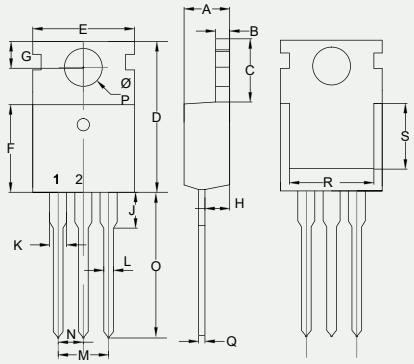
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.087	0.094	2.20	2.40	
A1	0.042	0.054	1.05	1.35	
B	0.053	0.065	1.35	1.65	
b	0.020	0.028	0.50	0.70	
b1	0.028	0.035	0.07	0.09	
c	0.017	0.023	0.43	0.58	
c1	0.017	0.023	0.43	0.58	
D	0.250	0.262	6.35	6.65	
D1	0.205	0.213	5.20	5.40	
E	0.213	0.224	5.40	5.70	
e1	0.091 TYP		2.300 TYP		
e	0.177	0.185	4.50	4.70	
L	0.295	0.311	7.50	7.90	

TO-126



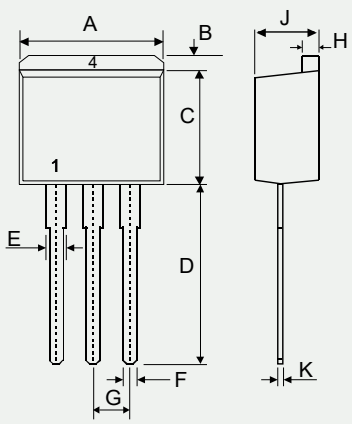
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.291	0.307	7.40	7.80	
B	0.417	0.433	10.60	11.00	
C	0.602	0.618	15.30	15.70	
D	0.154	0.161	3.90	4.10	
E	0.118	0.126	3.00	3.20	
F	0.026	0.034	0.66	0.86	
G	0.046	0.054	1.17	1.37	
J	0.090 TYP		2.290 TYP		
k	0.098	0.114	2.50	2.90	
L	0.083	0.091	2.10	2.30	
M	0.000	0.012	0.00	0.30	
N	0.043	0.059	1.10	1.50	
Q	0.018	0.024	0.45	0.60	

TO-220AB(H)



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.172	.188	4.37	4.77	
B	.049	.057	1.25	1.45	
C	.246	.270	6.25	6.85	
D	.594	.634	15.10	16.10	
E	.382	.406	9.70	10.30	
F	.346	.370	8.80	9.40	
G	.102	.118	2.60	3.00	
H	.087	.102	2.20	2.60	
J	---	.134	---	3.40	
K	.046	.058	1.17	1.47	
L	.028	.037	0.70	0.95	
M	.200BSC		5.08BSC		
N	.100BSC		2.54BSC		
O	.502	.543	12.75	13.80	
P	.134	.150	3.40	3.80	Ø
Q	.016	.026	0.40	0.65	
R	.276	-----	7.00	-----	
S	.217	-----	5.50	-----	

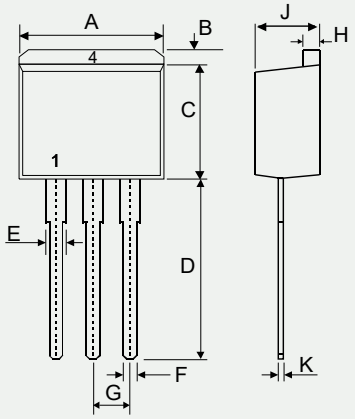
TO-262



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.394	.402	10.0	10.2	
B	.043	.051	1.10	1.30	
C	.339	.346	8.60	8.80	
D	.272	.280	6.90	7.10	
E	.047	.051	1.20	1.30	
F	.028	.031	0.70	0.80	
G	.100		2.54		
H	.050	.050	1.26	1.28	
J	.177	.185	4.50	4.70	
K	.015	.019	0.37	0.47	

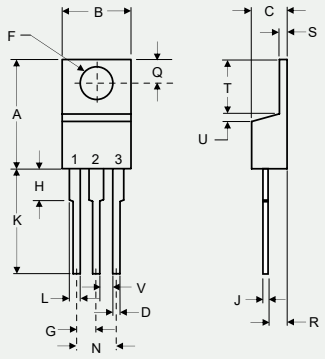
Package Outline

TO-262L



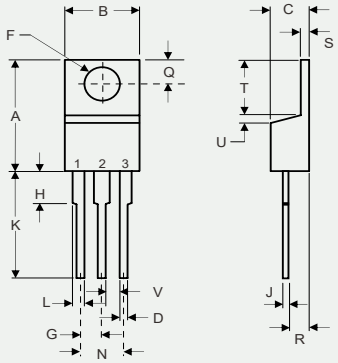
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.394	.405	10.0	10.3	
B	.043	.059	1.10	1.50	
C	.323	.346	8.20	8.80	
D	.531	.571	13.50	14.50	
E	.047	.051	1.20	1.30	
F	.028	.035	0.70	0.90	
G	.100		2.54		
H	.047	.055	1.20	1.40	
J	.177	.191	4.50	4.85	
K	.014	.019	0.35	0.47	

TO-220



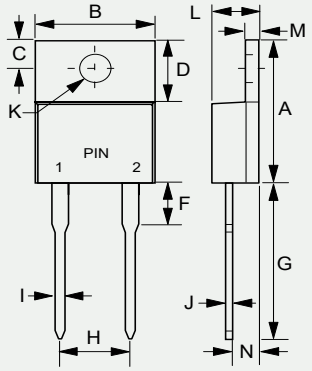
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.560	0.625	14.22	15.88	
B	0.380	0.420	9.65	10.67	
C	0.140	0.190	3.56	4.82	
D	0.020	0.045	0.51	1.14	
F	0.139	0.161	3.53	4.09	Φ
G	0.190	0.110	2.29	2.79	
H	---	0.250	---	6.35	
J	0.012	0.025	0.30	0.64	
K	0.500	0.580	12.70	14.73	
L	0.045	0.060	1.14	1.52	
N	0.190	0.210	4.83	5.33	
Q	0.100	0.135	2.54	3.43	
R	0.080	0.115	2.04	2.92	
S	0.045	0.055	1.14	1.39	
T	0.230	0.270	5.84	6.86	
U	----	0.050	----	1.27	
V	0.045	----	1.15	----	

TO-220AB



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.56	0.625	14.22	15.88	
B	0.38	0.42	9.65	10.67	
C	0.14	0.19	3.56	4.82	
D	0.02	0.045	0.51	1.14	
F	0.139	0.161	3.53	4.09	Φ
G	0.19	0.11	2.29	2.79	
H	---	0.25	---	6.35	
J	0.012	0.025	0.30	0.64	
K	0.5	0.58	12.70	14.73	
L	0.045	0.06	1.14	1.52	
N	0.19	0.21	4.83	5.33	
Q	0.1	0.135	2.54	3.43	
R	0.08	0.115	2.04	2.92	
S	0.045	0.055	1.14	1.39	
T	0.23	0.27	5.84	6.86	
U	-----	0.05	-----	1.27	
V	0.045	-----	1.15	-----	

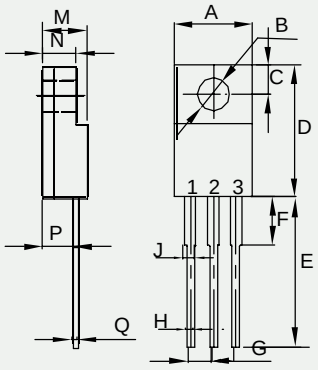
TO-220AC



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.560	0.625	14.22	15.88	
B	0.380	0.420	9.65	10.67	
C	0.100	0.135	2.54	3.43	
D	0.230	0.270	5.84	6.86	
F	---	0.250	---	6.35	
G	0.500	0.580	12.70	14.73	
H	0.190	0.210	4.83	5.33	
I	0.020	0.045	0.51	1.14	
J	0.012	0.025	0.30	0.64	
K	0.139	0.161	3.53	4.09	
L	0.140	0.190	3.56	4.83	
M	0.045	0.055	1.14	1.40	
N	0.080	0.115	2.03	2.92	

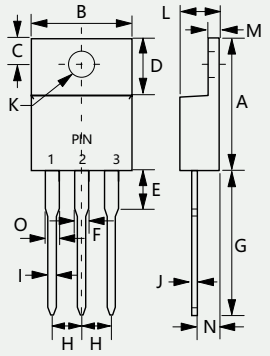
Package Outline

TO-220F



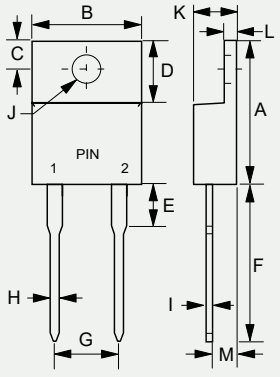
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.392	.408	9.96	10.36	
B	.138		3.50		Φ
C	.106		2.70		
D	.583	.598	14.80	15.20	
E	.520		13.20		
F	.142	.158	3.60	4.00	
G	.100		2.54		
H	.020	.030	0.50	0.75	
J	.043	.053	1.10	1.35	
M	.169	.185	4.30	4.70	
N	.110	.126	2.80	3.20	
P	.098	.114	2.50	2.90	
Q	.020	.030	0.50	0.75	

ITO-220AB



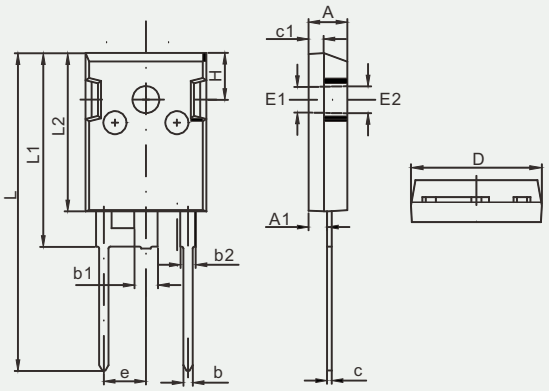
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.583	0.642	14.80	16.30	
B	---	0.406	---	10.30	
C	0.100	0.112	2.55	2.85	
D	0.248	0.272	6.30	6.90	
E	---	0.161	---	4.10	
F	---	0.071	---	1.80	
G	0.512	0.543	13.00	13.80	
H	0.100		2.55		
I	---	0.035	---	0.90	
J	---	0.032	---	0.80	
K	0.118	0.134	3.00	3.40	Φ
L	---	0.189	---	4.80	
M	---	0.130	---	3.30	
N	0.098	0.114	2.50	2.90	
O	---	0.055	---	1.40	

ITO-220AC



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.583	0.606	14.80	15.40	
B	--	0.406	---	10.30	
C	0.100	0.112	2.55	2.85	
D	0.248	0.272	6.30	6.90	
E	--	0.161	---	4.10	
F	0.512	0.543	13.00	13.80	
G	0.200		5.10		
H	--	0.035	---	0.90	
I	--	0.032	---	0.80	
J	0.118	0.134	3.00	3.40	
K	--	0.189	---	4.80	
L	--	0.123	---	3.10	
M	0.098	0.114	2.5	2.90	

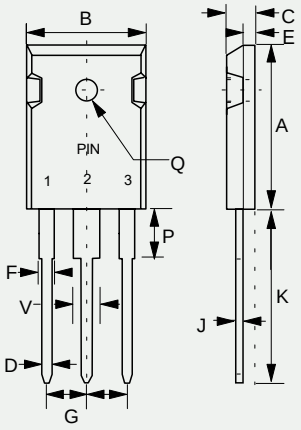
TO-247AC



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.191	0.200	4.850	5.150	
A1	0.087	0.102	2.200	2.600	
b	0.039	0.055	1.000	1.400	
b1	0.110	0.126	2.800	3.200	
b2	0.071	0.087	1.800	2.200	
c	0.020	0.028	0.500	0.700	
c1	0.075	0.083	1.900	2.100	
D	0.608	0.620	15.450	15.750	
E1	0.138 REF		3.600 REF		
E2	0.142 REF		3.500 REF		
L	1.610	1.626	40.900	41.300	
L1	0.976	0.988	24.800	25.100	
L2	0.799	0.811	20.300	20.600	
e	0.215 TYP		5.450 TYP		
H	0.235 REF		5.980 REF		

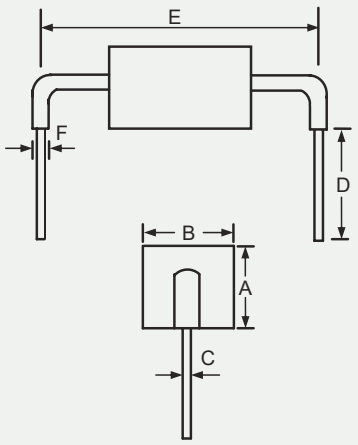
Package Outline

TO-247



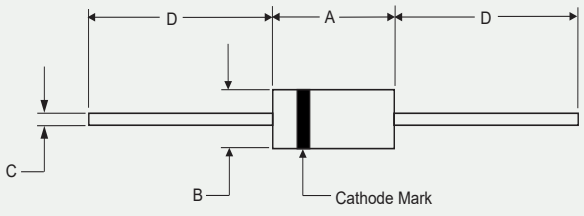
DIM	INCHES MIN	INCHES MAX	MM MIN	MM MAX	NOTE
A	.787	.866	20.00	22.00	
B	.598	.638	15.20	16.20	
C	.185	.205	4.70	5.21	
D	.039	.055	1.00	1.40	
E	.059	.094	1.50	2.40	
F	.071	.091	1.80	2.30	
J	.019	.031	0.48	0.80	
K	.748	.827	19.00	21.00	
P	.122	.189	3.10	4.80	
Q	.118	.150	3.00	3.80	
V	.110	.134	2.80	3.40	
G	.197	.224	5.00	5.70	

AK



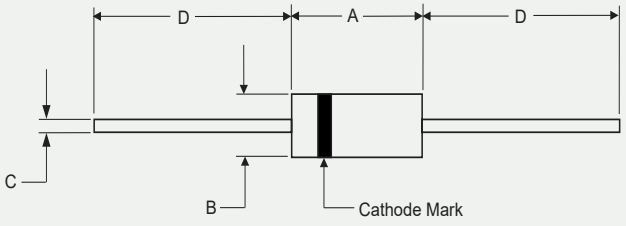
DIMENSIONS					
DIM	INCHES MIN	INCHES MAX	MM MIN	MM MAX	NOTE
A	---	0.630	---	16.00	
B	---	0.709	---	18.00	
C	0.047	0.052	1.20	1.32	
D	0.197	---	5.00	---	
E	0.922	0.979	23.43	24.87	
F	---	0.157	---	4.00	

R-1



DIMENSIONS					
DIM	INCHES MIN	INCHES MAX	MM MIN	MM MAX	NOTE
A	0.116	0.140	2.90	3.50	
B	0.091	0.102	2.30	2.60	
C	0.020	0.024	0.50	0.60	
D	0.787	---	20.00	---	

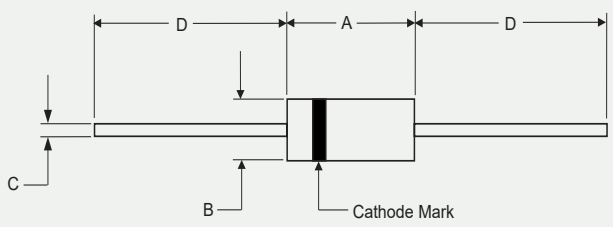
R-3



DIMENSIONS					
DIM	INCHES MIN	INCHES MAX	MM MIN	MM MAX	NOTE
A	---	0.160	---	4.10	
B	---	0.160	---	4.10	
C	0.040	0.042	1.01	1.07	
D	1.000	---	25.40	---	

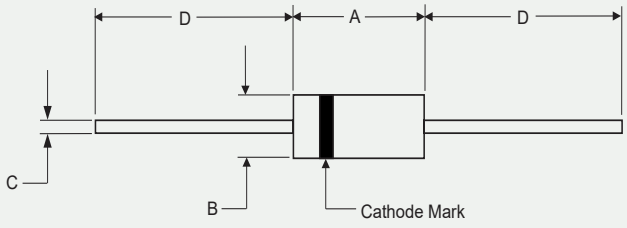
Package Outline

DO-41



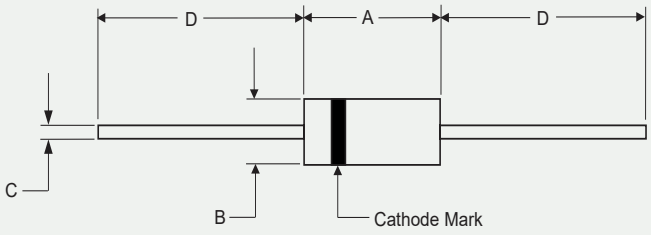
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.160	0.205	4.10	5.20	
B	0.080	0.107	2.00	2.70	Diameter
C	0.028	0.034	0.71	0.86	Diameter
D	1.000	---	25.40	---	

A-405



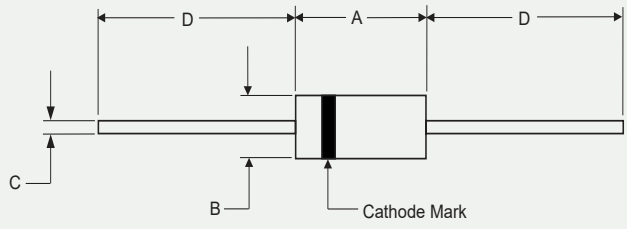
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.166	0.205	4.10	5.20	
B	0.080	0.107	2.00	2.70	
C	---	0.024	---	0.60	
D	1.000	---	25.40	---	

DO-15



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.230	0.300	5.80	7.60	
B	0.104	0.140	2.60	3.60	
C	0.026	0.034	0.70	0.90	
D	1.000	---	25.40	---	

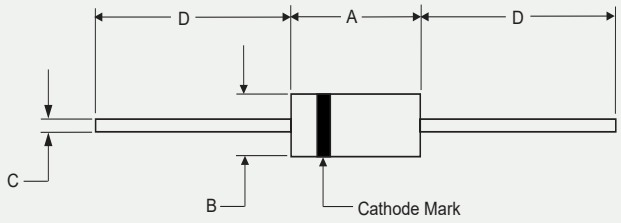
DO-201AD



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.287	0.374	7.30	9.50	
B	0.189	0.208	4.80	5.30	
C	0.048	0.052	1.20	1.30	
D	1.000	---	25.40	---	

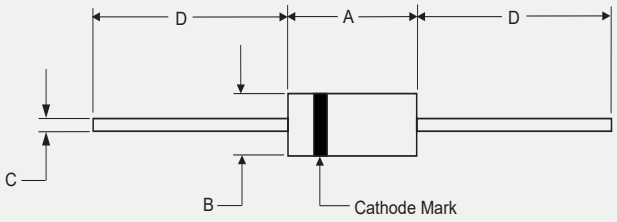
Package Outline

R-6



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.340	0.360	8.60	9.10	
B	0.340	0.360	8.60	9.10	
C	0.048	0.052	1.20	1.30	
D	1.000	---	25.40	---	

DO-201AE



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	---	0.370	---	9.50	
B	---	0.209	---	5.30	
C	0.038	0.042	0.96	1.06	
D	1.000	---	25.40	---	

МОДУЛЬ **Минск** **т.80447584780** Viber **email minsk17@tut.by**
www.fotorele.net www.tiristor.by радиодетали, электронные компоненты
tel.+375 29 758 47 80 мтс

каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото, даташит, МОДУЛЬ , Диодный мост, однофазный, трёхфазный, трехфазный, igbt, модуль

где и как купить в Минске?

Сделать заявку или запрос можно по телефону факсу или по электронной почте
Просим Вас указывать в заявке:
— название предприятия, факс, контактный телефон, контактное лицо;
— полное наименование и количество товара;
— возможность замены или аналоги;

Каталог МОДУЛЬ

Модуль купить в Беларуси