

модуль semikron, igbt, мост диодный Минск +375447584780
www.fotorele.net www.tiristor.by радиодетали, электронные компоненты
email minsk17@tut.by tel.+375 29 758 47 80 МТС

Мы не работаем с частными (физическими) лицами.

Мы работаем только с юридическими лицами(организациями) и ИП и только по безналичному расчёту.

каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото

КАТАЛОГ SEMIKRON 2017/2018 МИНСК

модуль semikron, igbt, мост диодный

купить, продажа

MiniSKiP



SEMPACK



10
7
9
V
C
B
C

SEMTOP



Full SiC



SEMTOP



1
E
7
9
1
0
5
8

SEMTRAN 3



SEMIX



1
0
5
8
1
4
4

SEMIX



Hybrid SiC



SKiiP



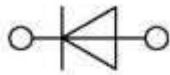
SEMISTART



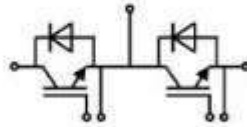
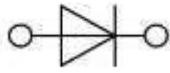
1
0
5
8
1
4
4

SKiM





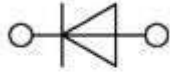
Power Bridge Rectifiers



SEMISTACK Classics



SEMPONT



SEMIX



SEMITEACH



PT 22b3 RoHS

Pulse Transformer

Part Number: 97492890

Manufacturer: SEMIKRON

[datasheet](#)

[Product Details >>](#)

● Current delivery time approx. 10 weeks



Axial fan 230V 119x38m 150m3/h

Fan

V 230 V

Part Number: 30031061

Manufacturer: SEMIKRON

[datasheet](#)



Thermal paste P12

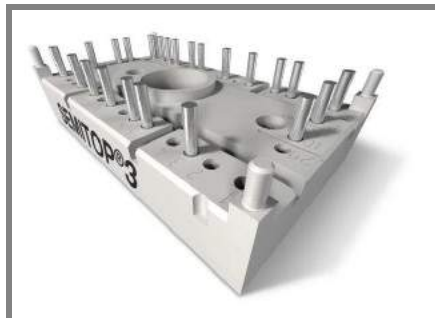
Thermal paste

Part Number: 31867700

Manufacturer: SEMIKRON

 [datasheet](#)

SK30GGB066T



SEMITOP® 3

IGBT Module

SK30GGB066T

Target Data

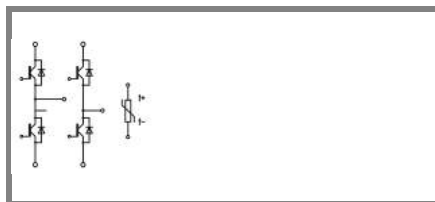
Features

- Compact design
- One screw mounting
- Heat transfer and isolation through direct copper bonded aluminium oxide ceramic (DCB)
- Trench IGBT technology
- CAL HD technology FWD
- Integrated NTC temperature sensor

Typical Applications*

Remarks

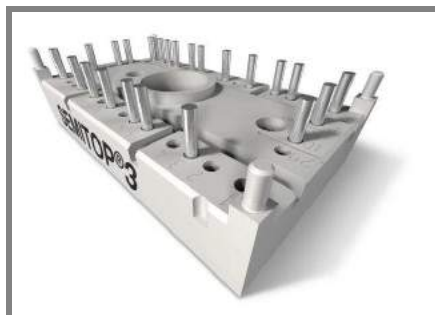
- $V_{isol} = 3000V$ AC, 50Hz, 1s



GGB-T

Absolute Maximum Ratings		$T_s = 25\text{ °C}$, unless otherwise specified	
Symbol	Conditions	Values	Units
IGBT			
V_{CES}	$T_j = 25\text{ °C}$	600	V
I_C	$T_j = 175\text{ °C}$	$T_s = 25\text{ °C}$	40 A
		$T_s = 70\text{ °C}$	31 A
I_{CRM}	$I_{CRM} = 2 \times I_{Cnom}$	60	A
V_{GES}		± 20	V
t_{psc}	$V_{CC} = 360\text{ V}$; $V_{GE} \leq 20\text{ V}$; $T_j = 150\text{ °C}$ $V_{CES} < 600\text{ V}$	6	μs
Inverse Diode			
I_F	$T_j = 175\text{ °C}$	$T_s = 25\text{ °C}$	36 A
		$T_s = 70\text{ °C}$	28 A
I_{FRM}	$I_{FRM} = 2 \times I_{Fnom}$	60	A
I_{FSM}	$t_p = 10\text{ ms}$; half sine wave $T_j = 150\text{ °C}$	160	A
Module			
$I_{t(RMS)}$			A
T_{vj}		-40 ... +175	$^{\circ}\text{C}$
T_{stg}		-40 ... +125	$^{\circ}\text{C}$
V_{isol}	AC, 1 min.	2500	V

Characteristics		$T_s = 25\text{ °C}$, unless otherwise specified			
Symbol	Conditions	min.	typ.	max.	Units
IGBT					
$V_{GE(th)}$	$V_{GE} = V_{CE}$, $I_C = 0,43\text{ mA}$	5	5,8	6,5	V
I_{CES}	$V_{GE} = 0\text{ V}$, $V_{CE} = V_{CES}$	$T_j = 25\text{ °C}$		0,0016	mA
		$T_j = 125\text{ °C}$			mA
I_{GES}	$V_{CE} = 0\text{ V}$, $V_{GE} = 20\text{ V}$	$T_j = 25\text{ °C}$		300	nA
		$T_j = 125\text{ °C}$			nA
V_{CE0}		$T_j = 25\text{ °C}$	0,9	1,1	V
		$T_j = 150\text{ °C}$	0,8	1	V
r_{CE}	$V_{GE} = 15\text{ V}$	$T_j = 25\text{ °C}$	18,3	25	$\text{m}\Omega$
		$T_j = 150\text{ °C}$	28	35	$\text{m}\Omega$
$V_{CE(sat)}$	$I_{Cnom} = 30\text{ A}$, $V_{GE} = 15\text{ V}$	$T_j = 25\text{ °C}_{chiplev.}$	1,45	1,85	V
		$T_j = 125\text{ °C}_{chiplev.}$	1,65	2,05	V
C_{ies}	$V_{CE} = 25$, $V_{GE} = 0\text{ V}$		1,63		nF
C_{oes}			0,11		nF
C_{res}			0,05		nF
Q_G	$V_{GE} = -7V...+15V$		275		nC
$t_{d(on)}$	$R_{Gon} = 25\ \Omega$ $di/dt = 2335\text{ A}/\mu\text{s}$	$V_{CC} = 300V$ $I_C = 30A$		24	ns
t_r				27	ns
E_{on}				0,97	mJ
$t_{d(off)}$	$R_{Goff} = 25\ \Omega$ $di/dt = 2335\text{ A}/\mu\text{s}$	$T_j = 150\text{ °C}$ $V_{GE} = -7/+15V$		328	ns
t_f				54	ns
E_{off}				1,77	mJ
$R_{th(j-s)}$	per IGBT		1,65		K/W



SEMITOP[®] 3

IGBT Module

SK30GGB066T

Target Data

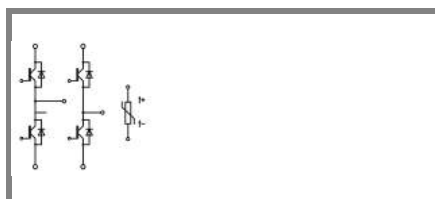
Features

- Compact design
- One screw mounting
- Heat transfer and isolation through direct copper bonded aluminium oxide ceramic (DCB)
- Trench IGBT technology
- CAL HD technology FWD
- Integrated NTC temperature sensor

Typical Applications*

Remarks

- $V_{isol} = 3000V$ AC, 50Hz, 1s

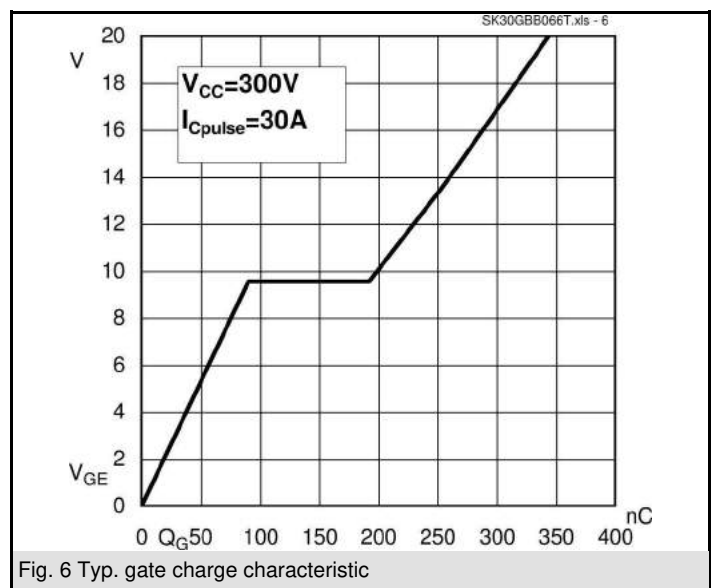
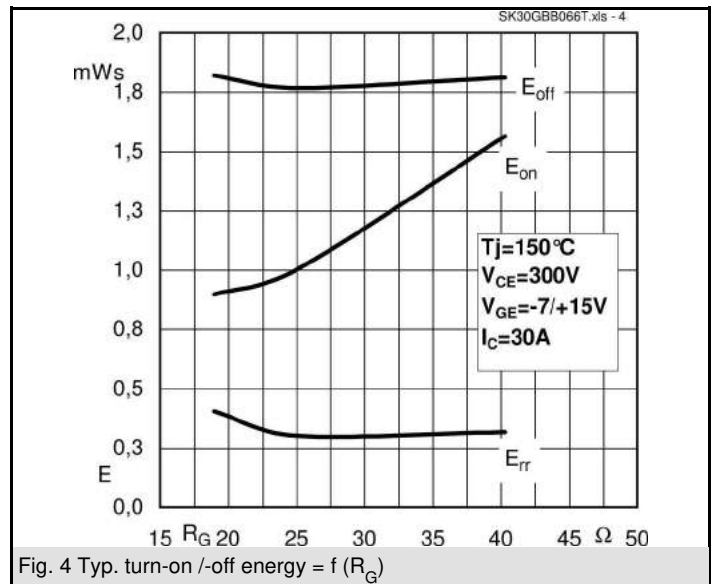
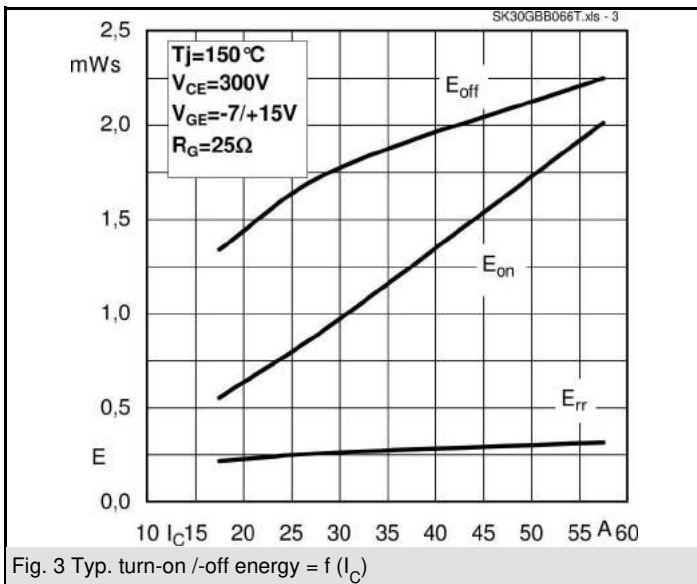
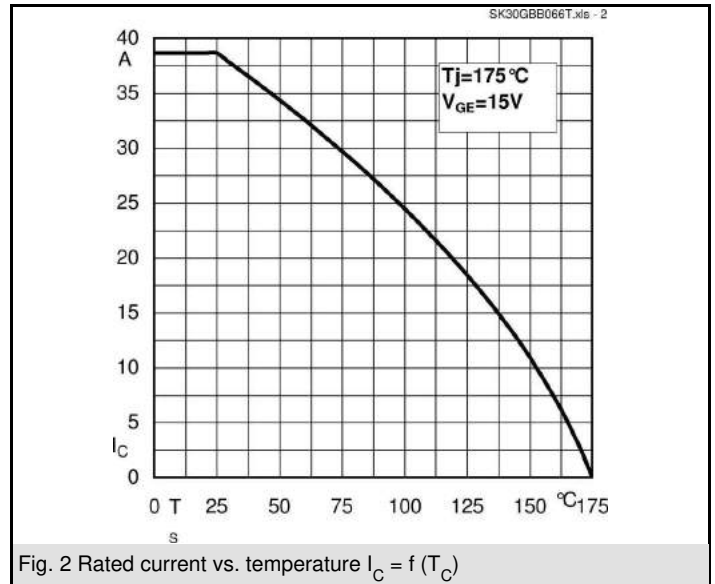
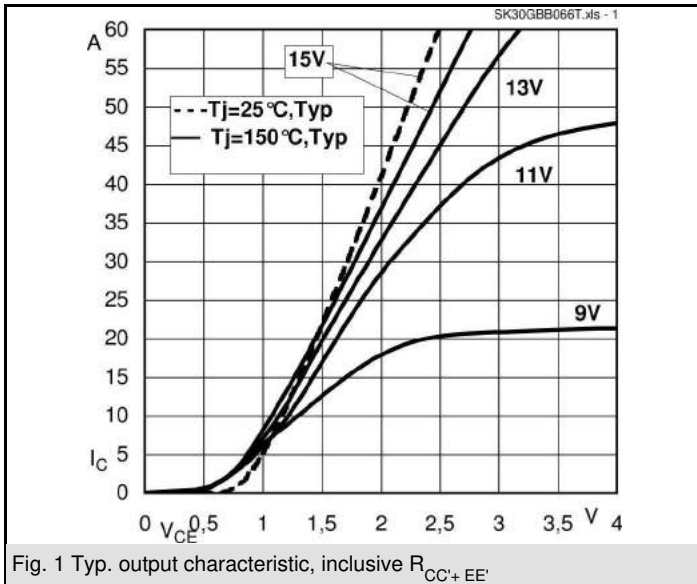


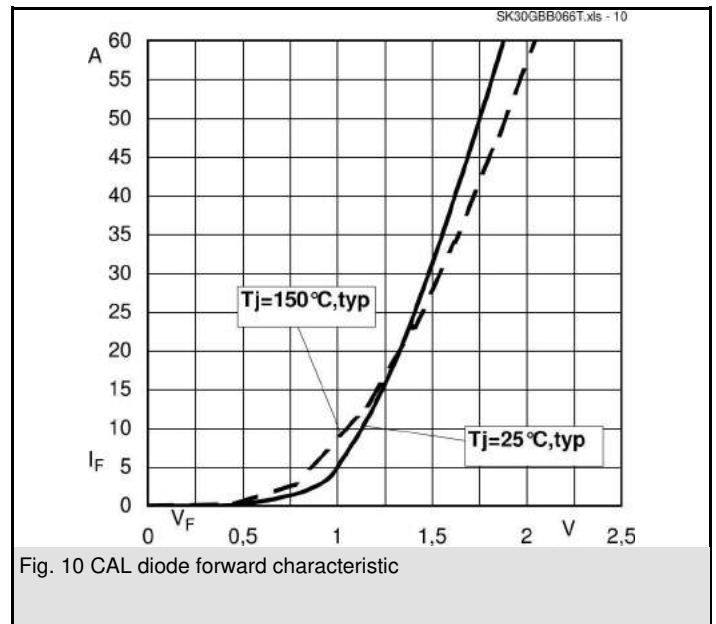
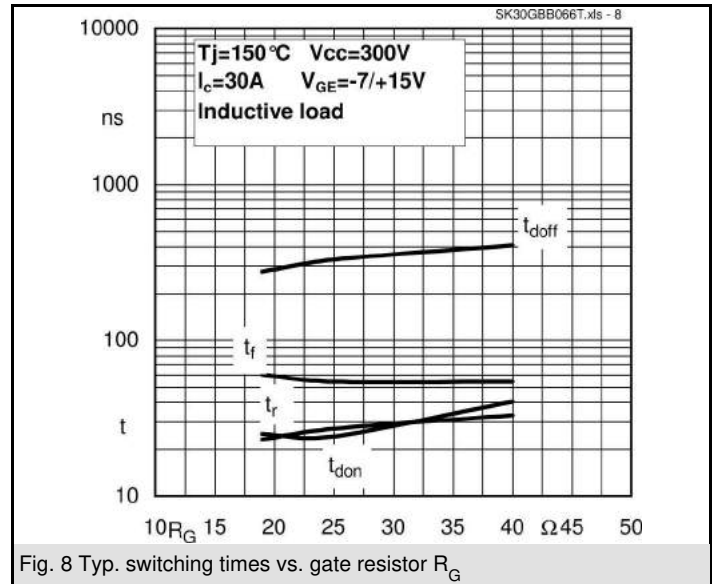
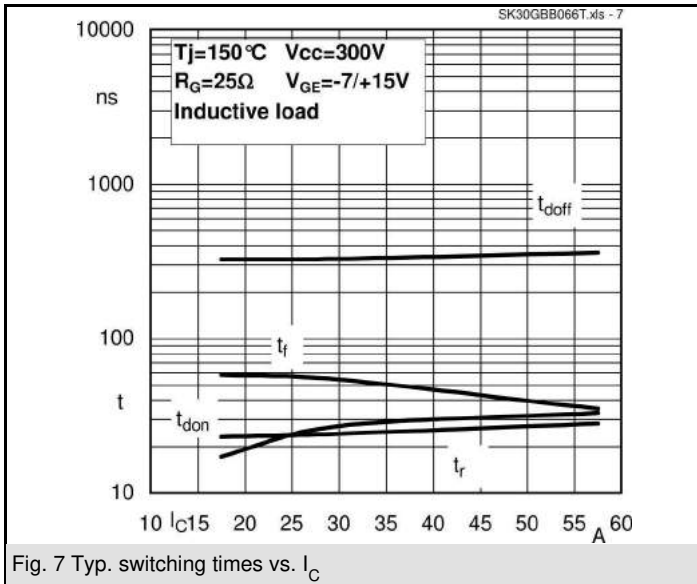
GGB-T

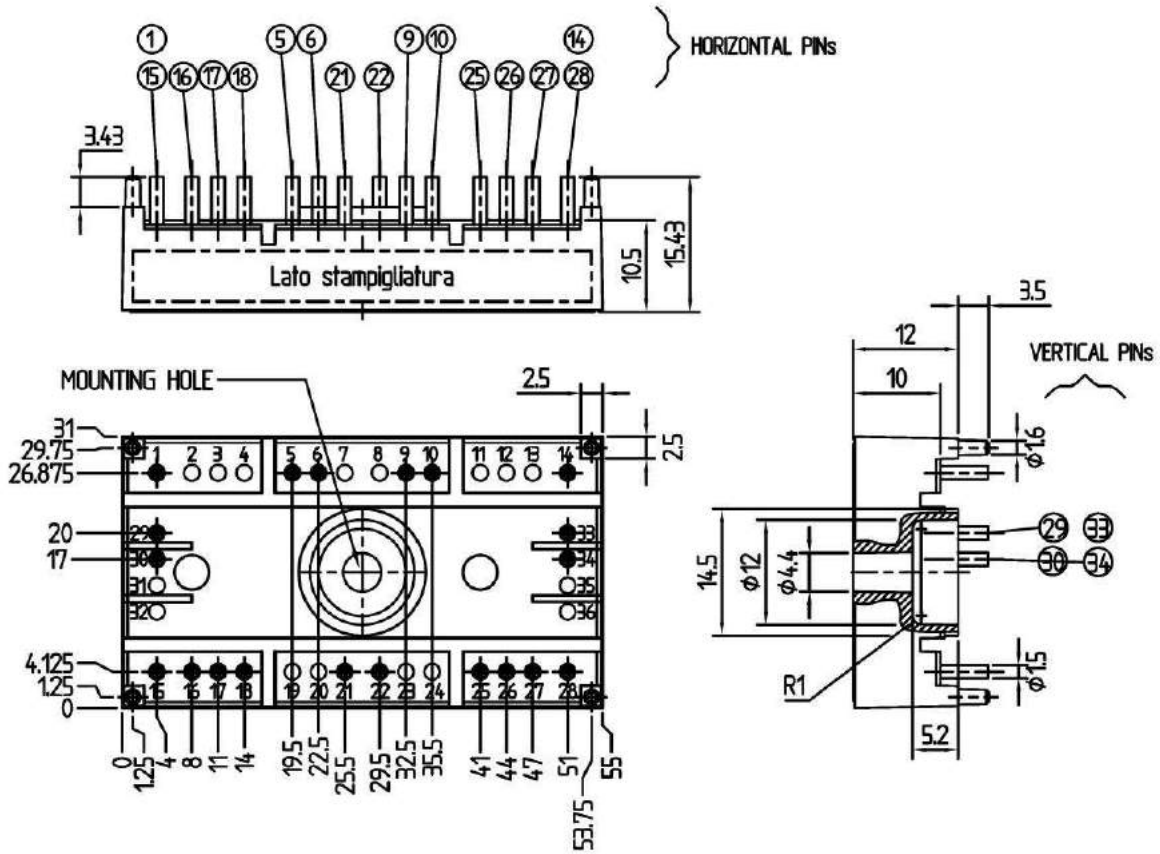
Characteristics			min.	typ.	max.	Units
Inverse Diode						
$V_F = V_{EC}$	$I_{Fnom} = 30 A; V_{GE} = 0 V$	$T_j = 25 ^\circ C_{chiplev.}$		1,45	1,7	V
		$T_j = 150 ^\circ C_{chiplev.}$		1,45	1,7	V
V_{F0}		$T_j = 25 ^\circ C$		1	1,1	V
		$T_j = 150 ^\circ C$		0,9	1	V
r_F		$T_j = 25 ^\circ C$		15	20	mΩ
		$T_j = 150 ^\circ C$		18	23,3	mΩ
I_{RRM}	$I_F = 30 A$	$T_j = 150 ^\circ C$		30		A
Q_{rr}	$di/dt = 2335 A/\mu s$			1,6		μC
E_{rr}	$V_{CC} = 300V$			0,26		mJ
$R_{th(j-s)D}$	per diode			2,1		K/W
M_s	to heat sink		2,25		2,5	Nm
w				30		g
Temperature sensor						
R_{100}	$T_s = 100^\circ C (R_{25} = 5k\Omega)$			493±5%		Ω

This is an electrostatic discharge sensitive device (ESDS), international standard IEC 60747-1, Chapter IX.

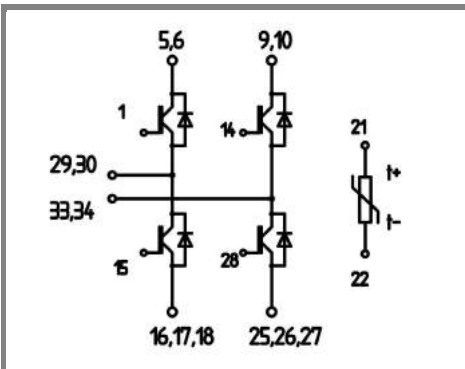
* The specifications of our components may not be considered as an assurance of component characteristics. Components have to be tested for the respective application. Adjustments may be necessary. The use of SEMIKRON products in life support appliances and systems is subject to prior specification and written approval by SEMIKRON. We therefore strongly recommend prior consultation of our personal.







Case T98 (Suggested hole diameter, in the PCB, for solder pins and plastic mounting pins: 2mm)



Case T 98

GBB-T

модуль semikron, igbt, мост диодный Минск +375447584780
www.fotorele.net www.tiristor.by радиодетали, электронные компоненты
email minsk17@tut.by tel.+375 29 758 47 80 МТС

Мы не работаем с частными (физическими) лицами.

Мы работаем только с юридическими лицами(организациями) и ИП и только по безналичному расчёту.

каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото

КАТАЛОГ SEMIKRON 2017/2018 МИНСК

модуль semikron, igbt, мост диодный

купить, продажа

MiniSKiP



SEMPACK



10
7
9
V
C
R
C

SEMTOP



Full SiC



SEMTOP



1
T
R
1
D
S
R

SEMTRAN 3



SEMIX



1
S
T
V
C
R

SEMx



Hybrid SiC



SKiiP



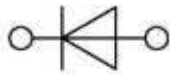
SEMISTART



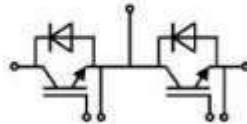
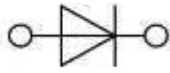
1
V
V
R
S
C

SKiM





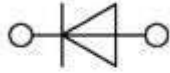
Power Bridge Rectifiers



SEMISTACK Classics



SEMPONT



SEMITEACH



SEMIX



PT 22b3 RoHS

Pulse Transformer

Part Number: 97492890

Manufacturer: SEMIKRON

[datasheet](#)

[Product Details >>](#)

● Current delivery time approx. 10 weeks



Axial fan 230V 119x38m 150m3/h

Fan

V 230 V

Part Number: 30031061

Manufacturer: SEMIKRON

[datasheet](#)



Thermal paste P12

Thermal paste

Part Number: 31867700

Manufacturer: SEMIKRON

 [datasheet](#)