

FAST RECOVERY RECTIFIERS

THRU-HOLE RECTIFIERS (CONT.)

Mfg. Part No.	Vrrm Max	If(AV)	VF Max	I fsm Max	Operating Temp Max	Case Style		Price Each
							Stock No.	1-9+
Single								
● MR856G	600V	3A	1.25V	100A	125°C	DO-201AD-2 Pins	42K1538	0.47
● MUR460G	600V	4A	1.28V	110A	175°C	DO-201AD-2 Pins	42K1638	0.56
● MUR860G	600V	8A	1.5V	100A	175°C	TO-220AC-2 Pins	45J1749	0.91
● MUR1560G	600V	15A	1.5V	150A	175°C	TO-220AC-2	98H0863	---
● 1N4006G	800V	1A	1.1V	30A	175°C	A x i a l Leaded-2 Pins	42K2828	0.21
● MUR180EG	800V	1A	1.75V	35A	175°C	DO-204AL-2 Pins	42K1611	0.52
● MUR480EG	800V	4A	1.85V	70A	175°C	A x i a l Leaded-2 Pins	42K1640	0.64
● MUR880EG	800V	8A	1.8V	100A	175°C	TO-220AC-2	71J6216	---

PIM_4244

A-SERIES IGBT MODULES

Designed to match European nameplate ratings and package sizes while offering superior thermal performance, the **A-Series** IGBT uses the 5th Generation CSTBT, Carrier Stored Trench-Gate Bipolar Transistor, chip, which offers lower losses in comparison to previous chip generations.



POWEREX



Mfg. Part No.	Vceo	Idc	Pd	Stock No.	Price Each
					1-4+
IGBTMOD					
CM400HA-24A	1.2 kV	400 A	2.35 kW	19K9226	162.25
CM600HA-24A	1.2 kV	600 A	3.67 kW	19K9231	211.51
● CM200DY-34A	1.7 kV	200 A	1.98 kW	30M3582	189.23
Module					
● CM100DY-24A	1.2 kV	100 A	672 W	19K9202	100.10
● CM150DY-24A	1.2 kV	150 A	960 W	19K9209	128.87
● CM200DY-24A	1.2 kV	200 A	1.34 kW	19K9214	---
● CM300DY-24A	1.2 kV	300 A	1.89 kW	19K9221	195.12
● CM400DY-24A	1.2 kV	400 A	2.71 kW	19K9225	262.53
● CM600DY-24A	1.2 kV	600 A	3.67 kW	23J7943	311.53

PIM_93039

NF SERIES CSTBT IGBT MODULES

Features

- High performance industrial applications ~10-15 kHz
- 3rd Gen. (H-Series) Compatible
- Industry leading performance
- Highest reliability
- New Mega-Dual Package

POWEREX



CM400DY-12NF

Mfg. Part No.	Vceo	Idc	Pd	Stock No.	Price Each
					1-9+
Module					
CM900DU-24NF	1.2 kV	900 A	2.55 kW	32H5463	---
● CM150DY-12NF	600 V	150 A	590 W	32H5453	93.32
● CM200DY-12NF	600 V	200 A	650 W	73K1935	117.00
● CM300DY-12NF	600 V	300 A	780 W	32H5457	164.14
● CM400DY-12NF	600 V	400 A	1.13 kW	73K1938	196.15

PIM_84659

IGBT MODULES

Features

- High reliability and power density
- Full product range in various configurations
- Latest IGBT chip technology
- Best parallel switching performance
- Broad range of products

Applications

- Industrial Drives
- Renewable Energy Systems

- Traction Systems
- UPS Systems

infineon



Mfg. Part No.	Vceo	Idc	Pd	Stock No.	Price Each 1-4+
Module					
● FP15R12W1T4_B3	1.2 kV	15 A	130 W	84R7201	---
● FP25R12W2T4	1.2 kV	25 A	175 W	84R7204	48.47
● FS25R12W1T4	1.2 kV	25 A	205 W	84R7217	35.98

▶ CONTINUED ▶

IGBT MODULES (CONT.)

Mfg. Part No.	Vceo	Idc	Pd	Stock No.	Price Each
					1-4+
Module					
● FD650R17IE4	1.7 kV	650 A	4.15 kW	84R7177	---
● FS20R06W1E3	600 V	20 A	135 W	84R7215	---

PIM_189575

TRENCH IGBT MODULES

SEMİKRON
innovation + service

Mfg. Part No.	Vceo	Idc	Stock No.	Price Each
1-5+				
● SKIM429GD17E4HD	1.1 V	595 A	77R2504	1188.82
● SKM200GM12T4	800 mV	314 A	77R2564	186.25
● SKM300GM12T4	800 mV	422 A	77R2574	227.26
● SKIM459GD12E4	800 mV	554 A	77R2505	1023.43
● SKIM609GAL12E4	800 mV	748 A	77R2507	984.46
● SKIM609GAR12E4	800 mV	748 A	77R2508	984.51
● SKM200GARL066 T	900 mV	280 A	77R2558	---
● SKM300GARL066T	900 mV	400 A	77R2568	---
● SKM300MLI066T	900 mV	400 A	77R2575	330.41
● SKIM909GD066HD	900 mV	899 A	77R2509	1168.43
● SKM300GA12V	940 mV	443 A	77R2571	157.94

Module				
● SKM75GB12V	1.2 kV	114 A	77R2592	92.17
● SKM100GB12V	1.2 kV	159 A	77R2546	111.50
● SKM400GB12V	1.2 kV	612 A	77R2586	---

SEMITRANS 2				
● SKM50GB12V	940 mV	79 A	77R2589	80.86

SEMITRANS 3				
● SKM400GM12T4	800 mV	618 A	77R2588	289.53
● SKM150GM12T4G	940 mV	229 A	77R2553	162.68
● SKM150GB12VG	940 mV	235 A	77R2552	177.28
● SKM400GAL12V	940 mV	598 A	77R2578	226.07

SEMITRANS 4				
● SKM400GA12V	940 mV	598 A	77R2584	46.12
● SKM600GA12V	940 mV	890 A	77R2591	272.21

SEMITRANS 5				
● SKM150MLI066 T	900 mV	200 A	77R2554	187.62

SKiM 93				
● SKM150GAL12V	940 mV	225 A	77R2548	101.40

PIM_194461

HI-REL STANDARD POWER MOSFET DISCRETES

International
IOR Rectifier

Features:

- Repetitive Avalanche
- Dynamic dv/dt Rating
- Hermetically Sealed
- Simple Drive Requirements
- Ease of Paralleling

Hexfet thru-hole transistors provide capabilities in the design and development of radiation hardened discrete semiconductors, hybrids, custom-designed assemblies and DC-DC converters.

Mfg. Part No.	Vds	Id	VGS(th)	Rds(on)	Stock No.	Price Each
TO-204AA						1-9+
IRF9240	-200V	-11A	-4V	500 mohm @ -10 V	06F8462	---
IRF130	100V	14A	4V	180 mohm @ 10 V	06F8119	---
2N6756	100V	14A	4V	180 mohm @ 10 V	97B9021	---
2N6764	100V	38A	4V	55 mohm @ 10 V	94B8152	---
IRF430	500V	4.5A	4V	1.5 ohm @ 10 V	06F8210	---

TO-3						
IRF9230	-200V	-6.5A	-4V	800 mohm @ -10 V	77C5973	---

PIM_74683