

BEYOND SILICON

We are also into **Silicon Carbide (SiC)**

SiC schottky diodes



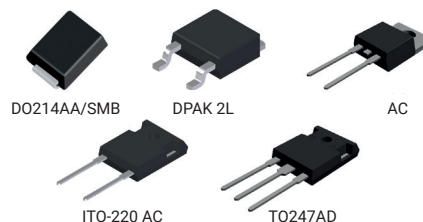
Silicon Carbide diodes.

Higher efficiency and power density.

Fagor new Silicon Carbide structured Schottky diodes enable designers to reach a higher level of efficiency and power density.

- One of the few diode manufacturers in Europe
- The only semiconductor manufacturer in Spain

Silicon Carbide technology allows operation at higher voltages, higher temperatures, and higher switching frequencies compared to traditional silicon, enabling more efficient, compact, and sustainable systems. This milestone reinforces our unique position in the European semiconductor landscape:



Main applications



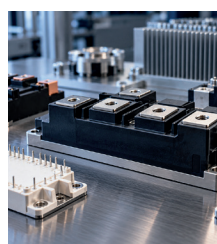
SOLAR INVERTERS



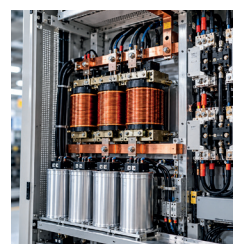
DC/DC & AC/DC CONVERTERS



BATTERY CHARGERS



POWER MODULES



PFC



FLYWHEEL APPLICATIONS

SiC SHOTTKY DIODES

Part number	Family	IF(AV) (A)	VRRM (V)	TRR (ns)	VF (V)	IFSM (A)	Outline
SCSBD0165B HE3	SCSBD	1	650	<10	1.8	8	DO214AA/SMB
SCSBD0112B HE3	SCSBD	1	1200	<10	1.8	10	DO214AA/SMB
SCSBD0165DH HE3	SCSBD	1	650	<10	1.55	10	DPAK 2L
SCSBD0112DH HE3	SCSBD	1	1200	<10	1.5	10	DPAK 2L
SCSBD0165B	SCSBD	1	650	<10	1.8	8	DO214AA/SMB
SCSBD0112B	SCSBD	1	1200	<10	1.8	10	DO214AA/SMB
SCSBD0165DH	SCSBD	1	650	<10	1.55	10	DPAK 2L
SCSBD0112DH	SCSBD	1	1200	<10	1.5	10	DPAK 2L
SCSBD0665HH	SCSBD	6	650	<10	1.5	48	TO220AC
SCSBD0865HH	SCSBD	8	650	<10	1.5	64	TO220AC
SCSBD1065HH	SCSBD	10	650	<10	1.5	75	TO220AC
SCSBD1265HH	SCSBD	12	650	<10	1.5	108	TO220AC
SCSBD1665HH	SCSBD	16	650	<10	1.5	135	TO220AC
SCSBD2065HH	SCSBD	20	650	<10	1.5	140	TO220AC
SCSBD0212HH	SCSBD	2	1200	<10	1.5	28	TO220AC
SCSBD0512HH	SCSBD	5	1200	<10	1.5	55	TO220AC
SCSBD1012HH	SCSBD	10	1200	<10	1.5	95	TO220AC
SCSBD1512HH	SCSBD	15	1200	<10	1.5	140	TO220AC
SCSBD2012HH	SCSBD	20	1200	<10	1.5	180	TO220AC
SCSBD1065PH	SCSBD	10	650	<10	1.5	80	TO247AD 2L
SCSBD1012PH	SCSBD	10	1200	<10	1.5	95	TO247AD 2L
SCSBD1665P	SCSBD	16	650	<10	1.5	65	TO247AD
SCSBD2065P	SCSBD	20	650	<10	1.5	80	TO247AD
SCSBD3065P	SCSBD	30	650	<10	1.5	135	TO247AD
SCSBD4065P	SCSBD	40	650	<10	1.5	140	TO247AD
SCSBD1012P	SCSBD	10	1200	<10	1.5	55	TO247AD
SCSBD2012P	SCSBD	20	1200	<10	1.5	100	TO247AD
SCSBD3012P	SCSBD	30	1200	<10	1.5	140	TO247AD
SCSBD4012P	SCSBD	40	1200	<10	1.5	180	TO247AD
SCSBD6012P	SCSBD	60	1200	<10	1.5	290	TO247AD

IATF 16949: 2016 Standard
ISO14001: 2015



Fagor Electrónica, S. Coop. San Andrés, s/n E-20500 Mondragón (Spain)
Tel: + 34 943 71 25 26 sc.sales@fagorelectronica.es www.fagorelectronica.com



NOV 2026