

DIODES & BRIDGE RECTIFIERS

HIGH POWER, SMART CONSUMPTION

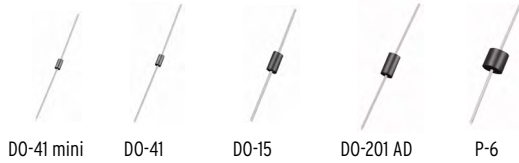


Fagor Electronica offers a wide variety of diodes, covering different ranges of power and voltages both in axial, radial as well as in SMD. To meet our customers demand we manufacture anything from rectifier, fast and ultrafast to schottky, TVS, zener and bridge rectifier. We are committed to manufacturing a diode solution for any demand from the market.

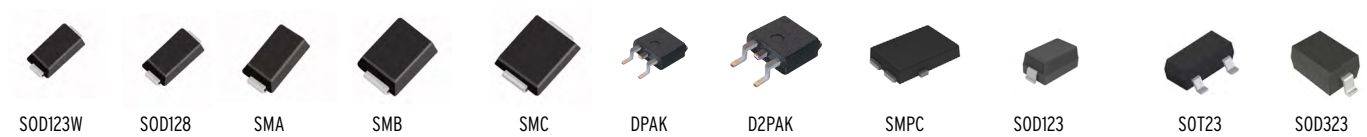
GENERAL PURPOSE RECTIFIERS
SCHOTTKY
VERY SOFT ULTRAFAST
HIGH AVALANCHE ULTRAFAST
FAST RECOVERY RECTIFIERS
ULTRAFAST
ZENER
TVS
BRIDGE RECTIFIERS

PACKAGES

AXIAL



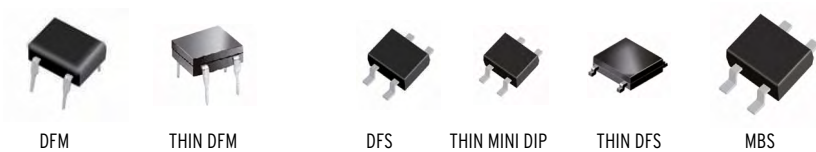
SMD



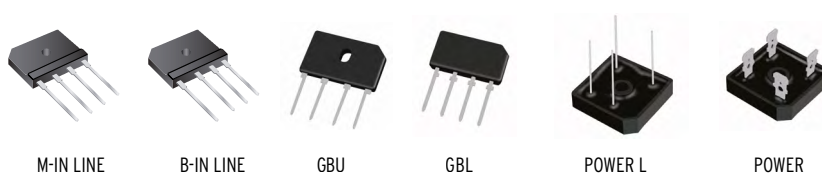
RADIAL/LEADED



DUAL IN LINE MBS/ SMD



IN LINE RADIAL / LEADED



TVS

AXIAL			
P (Watt)	Voltage (V)	Family	Package
400W	18-610V	P4KE	DO-41
400W	18-300V	BZW04P	DO-41
400W	16-39V	BZW04P-B	DO-41
400W	6.8-300V	BZW04	DO-15
400W	6.8-300V	BZW04B	DO-15
600W	6.8-440V	BZW06	DO-15
600W	6.8-440V	BZW06B	DO-15
600W	6.8-540V	P6KE	DO-15
600W	6.8-440V	P6KEC	DO-15
600W	6.8-540V	P6KEA	DO-15
600W	6.8-440V	P6KECA	DO-15
1500W	6.8-440V	1.5KEC	DO-201AE
1500W	6.8-440V	1.5KEA	DO-201AE
1500W	6.8-440V	1.5KE	DO-201AE
1500W	6.8-440V	1.5KECA	DO-201AE
5000W	7.5-180V	5KP	P6
5000W	7.5-180V	5KPA	P6
5000W	7.5-180V	5KPC	P6
5000W	40V	TRA0103	P6
5000W	37.5V	TRA0282	P6
5000W	28V	MR2520L	P6

SMD			
P (Watt)	Voltage (V)	Family	Package
300W	6.8-176V	TPSMW	SOD123 W
400W	6.8-82V	P4SMW	SOD123 W
400W	6.8-82V	SMWJ	SOD123W
600W	6.8-43V	TPSMZ	SOD128
600W	6.8-78V	TPSMZJ	SOD128
600W	6.8-75V	P6SMZ	SOD128
400W	6.8-540V	P4SMAA	SMA
400W	6.8-43V	TPSMAA	SMA
400W	6.8-250V	P4SMAC	SMA
400W	6.8-260V	P4SMACA	SMA
400W	6.8-540V	P4SMA	SMA
400W	6.8-250V	SMAJA	SMA
400W	6.8-260V	SMAJCA	SMA
600W	6.8-540V	P6SMBA	SMB
600W	6.8-260V	P6SMBCA	SMB
600W	6.8-43V	TPSMBA	SMB
600W	6.8-300V	P6SMB	SMB
600W	6.8-260V	P6SMBC	SMB
600W	6.2-220V	SMBJA	SMB
600W	6.2-220V	SMBJCA	SMB
600W	6.8-220V	SM6TA	SMB
600W	6.8-220V	SM6TCA	SMB
800W	6.8-200V	1KSMBCA	SMB
1000W	6.8-200V	1KSMBA	SMB
1500W	6.8-440V	1.5SMCA	SMC
1500W	6.8-47V	TPSMCA	SMC
1500W	6.8-250V	1.5SMCC	SMC
1500W	6.8-250V	1.5SMCCA	SMC
1500W	6.8-220V	1.5SMC	SMC
1500W	6.4-231V	1.5SMCJA	SMC
1500W	6.4-231V	1.5SMCJCA	SMC
3000W	10-78V	3KSMCA	SMC
3000W	10-78V	3KSMCCA	SMC

ZENER

AXIAL			
P (Watt)	Voltage (V)	Family	Package
1.3W	6.2-220V	BZX85CGP	DO-41
1.5W	10-200V	BZY97CGP	DO-41
2W	6.2-200V	ZYGP	DO-15
5W	8.2-200V	BZV58C	DO-201AE
5W	7.5-200V	1N53B	DO-201AE

SMD			
P (Watt)	Voltage (V)	Family	Package
1W	9.1-220V	BZD27CW	SOD123W
1.3W	6.2-240V	Z1SMA	SMA
3W	6.2-200V	Z2SMB	SMB

LOW SIGNAL ZENER

SMD			
P (Watt)	Voltage (V)	Family	Package
0.5	2.4	BZT52C HE3	SOD123
0.5	2.4	MMSZ52B HE3	SOD123
0.3	3.6	BZT52BS HE3	SOD323
0.3	2.4	AZ23C HE3	SOT23
0.3	2.4	DZ23C HE3	SOT23
0.35	3.6	BZX84B HE3	SOT23
0.35	4.3	BZX84C HE3	SOT23

ESD PROTECTION

SMD			
VRRM (V)	P _{PP} (W)	Family	Package
24	300	ESDxxVD3B HE3	SOD323

GENERAL PURPOSE RECTIFIERS

AXIAL					
VRRM (V)	IF (A)	IFSM (A)	Vf (V)	Family	Package
50-1000	1A	30A	1.10V	1N4000GP	DO-41
50-1000	1A	30A	1.10V	GP10	DO-41
200-1200	1A	50A	1.00V	GP10I	DO-41
50-1000	1A	50A	1.00V	BYW27	DO-15
50-1000	1.5A	50A	1.20V	1NR5390GP	DO-15
50-1000	1.5A	50A	1.10V	GP15	DO-15
600	2A	80A	1.00V	BYW50	DO-15
200-1000	2A	80A	1.10V	GP20	DO-15
50-1000	3A	200A	1.20V	1N5400GP	DO-201AD
200-800	3A	125A	1.00V	1N5620GP	DO-201AD
50-1200	3A	125A	1.10V	GP30	DO-201AD
50-1000	6A	400A	1.10V	P600	P-6
200-1000	1A	30A	1V	1TG	DO-41 mini

SMD					
VRRM (V)	IF (A)	IFSM (A)	Vf (V)	Family	Package
400-600	1A	25A	1.10V	M1FW	SOD123W
400-1000	1A	30A	1.10V	FS1W	SOD123W
400-1000	2A	80A	1.15V	FS2Z	SOD128
400-1200	1A	30A	1.10V	FS1	SMA
1000	1.5A	50A	1.10V	FS1I	SMA
400-1000	1.5A	50A	1.10V	FS2	SMB
50-1000	3A	100A	1.15V	FS3	SMC
600-1000	3A	90A	1.05V	FS2I	SMB
50-1000	4A	100A	1.15V	FS4	SMC
50-1000	5A	100A	1.15V	FS5	SMC
200-1000	8A	200A	1.20V	FS8	SMC

RADIAL/LEADED					
VRRM (V)	IF (A)	IFSM (A)	Vf (V)	Family	Package
600-1000	8A	150A	1.10V	GPA8	TO-220 AC
600-1000	8A	150A	1.10V	GPAF8	ITO-220 AC
600-1000	10A	125A	1.10V	GP100	TO-220 AB
600-1000	10A	125A	1.10V	GP10I	ITO-220 AB
200-1000	16A	150A	1.10V	GP16	TO-220 AB
600-1000	16A	250A	1.10V	GPA16	TO-220 AC
600-1000	16A	250A	1.10V	GPAF16	ITO-220 AC

GENERAL PURPOSE AVALANCHE RECTIFIER

AXIAL					
VRRM (V)	IF (A)	IFSM (A)	Vf (V)	Family	Package
200-1000	1A	30A	1.10V	GP10E	DO-41

SMD					
VRRM (V)	IF (A)	IFSM (A)	Vf (V)	Family	Package
400-1000	1A	30A	1.10V	FS1E	SMA

SCHOTTKY

AXIAL					
VRRM (V)	IF (A)	IFSM (A)	Vf (V)	Family	Package
20-150	0.5A	50A	0.55-0.95V	SR0	DO-41
20-40	1A	30A	0.45-0.60V	1N5810	DO-41
20-150	1A	30A	0.55-0.95V	SB1	DO-41
20-150	2A	50A	0.55-0.95V	SB2	DO-15
20-150	2A	50A	0.55-0.95V	SR2	DO-15
20-40	3A	80A	0.475-0.525V	1N5820	DO-201AD
20-200	3A	80A	0.55-0.95V	SB3	DO-201AD
20-200	5A	120A	0.55-0.90V	SB5	DO-201AD
40-150	8A	150A	0.55-1.02V	SR8	DO-201AD

RADIAL/LEADED					
VRRM (V)	IF (A)	IFSM (A)	Vf (V)	Family	Package
45-150	7.5A	150A	0.84-1.02V	MBRF7	ITO-220 AC
45-150	7.5A	150A	0.75-0.95V	MBR7	TO-220 AC
30-100	8A	150A	0.55-0.80V	MBRF8CT	ITO-220 AB
20-150	8A	150A	0.55-0.95V	SRAF8	ITO-220 AC
20-150	8A	150A	0.55-1.05V	SRA8	TO-220 AC
45-200	10A	120A	0.80-0.98V	MBRF10CT	ITO-220 AB
45-150	10A	150A	0.84-1.05V	MBRF10	ITO-220 AC
45-200	10A	120A	0.80-0.98V	MBR10CT	TO-220 AB
45-100	10A	150A	0.70-0.85V	MBR10	TO-220 AC
45-150	15A	150A	0.84-0.95V	MBRF15CT	ITO-220 AB
45-150	15A	150A	0.72-1.05V	MBR15CT	TO-220 AB
20-150	16A	200A	0.55-1.00V	SRF16	ITO-220 AB
45-150	16A	150A	0.63-0.95V	MBRF16	ITO-220 AC
20-150	16A	170A	0.55-1.05V	MBR16CT	TO-220 AB
45-150	16A	150A	0.63-0.95V	MBR16	TO-220 AC
20-150	16A	200A	0.55-1.00V	SR16PT	TO-247AD
45-200	20A	150A	0.84-1.05V	MBRF20CT	ITO-220 AB
45-150	20A	150A	0.75-1.02V	MBRF20	ITO-220 AC
45-200	20A	150A	0.56-0.99V	MBR20CT	TO-220 AB
100	20A	150A	0.80V	MBR20CTV	TO-220 AB
20-150	20A	300A	0.55-1.02V	SRA20	TO-220 AC
45-150	20A	150A	0.84-1.02V	MBR20PT	TO-247AD
45-150	25A	200A	0.82-1.02V	MBRF25CT	ITO-220 AB
45-150	25A	200A	0.82-1.02V	MBR25CT	TO-220 AB
45-150	30A	200A	0.82-1.05V	MBRF30CT	ITO-220 AB
45-150	30A	200A	0.82-1.02V	MBR30CT	TO-220 AB
45-150	30A	200A	0.82-1.02V	MBR30PT	TO-247AD
45-150	40A	330A	0.80-1.02V	MBR40PT	TO-247AD
60-100	60A	420A	0.75-0.84V	MBR60PT	TO-247AD
60-100	60A	420A	0.75-0.84V	MBR60PT	TO-247AD

SCHOTTKY

SMD					
V _{RRM} (V)	IF (A)	IFSM (A)	V _f (V)	Family	Package
20-200	1A	30A	0.50-0.95V	FSS1W	SOD123W
20-200	2A	50A	0.50-0.95V	FSS2W	SOD123W
100	2A	80A	0.6V	FSSH2W	SOD123W
20-200	1A	30A	0.50-0.95V	SK1W	SOD123W
20-200	2A	50A	0.50-0.95V	SK2W	SOD123W
60-200	1A	80A	0.56-0.85V	SKH1W	SOD123W
20-200	2A	80A	0.55-0.77V	SKH2W	SOD123W
20-200	3A	80A	0.83V	SKH3W	SOD123W
20-200	1A	50A	0.48V-0.8V	SKL1W	SOD123W
40-300	1A	50-100A	0.5-0.79V	SKH1Z	SOD128
45-60	1A	40-80A	0.55-0.76V	SKT1W	SOD123W
20-200	2A	40-80A	0.45-0.85V	SKT2W	SOD123W
20-200	3A	40-80A	0.45-0.85V	SK3TW	SOD123W
60	1A	80A	0.56V	FSSH1Z	SOD128
40	2A	70A	0.5V	FSS2Z	SOD128
60	2A	80A	0.53V	FSSH2Z	SOD128
60	3A	60A	0.70V	FSSH3Z	SOD128
40-60	3A	100-120A	0.5-0.53V	FSS3Z	SOD128
60	3A	120A	0.5V	FSSL3Z	SOD128
40-200	2A	50-80A	0.55-0.77V	SKH2Z	SOD128
40-300	3A	100A	0.5-0.87V	SKH3Z	SOD128
40-300	5A	100A	0.5-0.9V	SKH5Z	SOD128
40-200	1A	30A	0.5-0.79V	SK1Z	SOD128
40	1A	50A	0.5V	SKL1Z	SOD128
40-200	2A	50A	0.5-0.82V	SK2Z	SOD128
40-200	3A	150A	0.5-0.87V	SKL3Z	SOD128
20-300	3A	80A-100A	0.45-0.87V	SK3Z	SOD128
20-300	5A	100A-150A	0.45-0.9V	SK5Z	SOD128
20-300	5A	120A-150A	0.5-0.88V	SKL5Z	SOD128
45-100	1A	50-150A	0.45-0.9V	SKT1Z	SOD128
45-100	2A	50-150A	0.45-0.9V	SKT2Z	SOD128
45-100	3A	50-150A	0.45-0.9V	SKT3Z	SOD128
45-100	4A	50-150A	0.45-0.9V	SKT4Z	SOD128
45-100	5A	50-150A	0.45-0.9V	SKT5Z	SOD128
45-100	6A	50-150A	0.45-0.9V	SKT6Z	SOD128
45-100	7A	50-150A	0.45-0.9V	SKT8Z	SOD128
40-60	5A	175A	0.5-0.65V	FSS5P	SMPC
60-100	5A	150A	0.60-0.88V	SK5P	SMPC
40-200	1A	30A-50A	0.45-0.9V	SK1P	SMPC
40-200	1A	80A-100A	0.45-0.9V	SKH1P	SMPC
40-200	1A	100A	0.45-0.9V	SKT1P	SMPC
40-200	2A	50-175A	0.45-0.9V	SK2P	SMPC
40-200	2A	50-175A	0.45-0.9V	SKH2P	SMPC
40-200	2A	50-175A	0.45-0.9V	SKL2P	SMPC
40-200	2A	50-175A	0.45-0.9V	SKT2P	SMPC
40-200	3A	50-175A	0.45-0.9V	SK3P	SMPC
40-200	3A	50-175A	0.45-0.9V	SKH3P	SMPC
40-200	3A	50-175A	0.45-0.9V	SKL3P	SMPC
40-200	3A	50-175A	0.45-0.9V	SKT3P	SMPC
40-200	4A	50-175A	0.45-0.9V	SK4P	SMPC
40-200	4A	50-175A	0.45-0.9V	SKH4P	SMPC
40-200	4A	50-175A	0.45-0.9V	SKL4P	SMPC
40-200	4A	50-175A	0.45-0.9V	SKT4P	SMPC
40-200	5A	50-175A	0.45-0.9V	SK5P	SMPC
40-200	5A	50-175A	0.45-0.9V	SKH5P	SMPC
40-200	5A	50-175A	0.45-0.9V	SKL5P	SMPC
40-200	5A	50-175A	0.45-0.9V	SKT5P	SMPC
40-200	6A	50-175A	0.45-0.9V	SKT6P	SMPC
40-200	8A	50-175A	0.45-0.9V	SK8P	SMPC
40-200	8A	50-175A	0.45-0.9V	SKH8P	SMPC
40-200	8A	50-175A	0.45-0.9V	SKL8P	SMPC
40-200	8A	50-175A	0.45-0.9V	SKT8P	SMPC

SMD					
V _{RRM} (V)	IF (A)	IFSM (A)	V _f (V)	Family	Package
40-200	10A	50-175A	0.45-0.9V	SK10P	SMPC
40-200	10A	50-175A	0.45-0.9V	SKH10P	SMPC
40-200	10A	50-175A	0.45-0.9V	SKL10P	SMPC
40-200	10A	50-175A	0.45-0.9V	SKT10P	SMPC
100	12A	50-175A	0.45-0.9V	SKT12P	SMPC
100	15A	50-175A	0.45-0.9V	SKT15P	SMPC
20-150	3A	70-100A	0.50-0.95V	FSS3	SMC
90-100	3A	80A	0.80V	FSSH3	SMC
20-40	3A	100A	0.41V	FSSL3	SMC
20-40	4A	150A	0.44V	FSSL4	SMC
20-200	4A	100 A	0.50-0.90V	SK4C	SMC
60	4A	125A	0.74V	SKH4C	SMC
20-150	5A	120A	0.55-0.95V	SK5C	SMC
100	1A	30A	0.80V	FSSH1B	SMB
20-150	1A	30A	0.50-0.95V	SK1B	SMB
60	1A	75A	0.67V	SKH1B	SMB
20-150	1A	30A	0.50-0.95V	FSS1SMB	SMB
60	2A	85A	0.57-0.67V	SKH2B	SMB
20-150	2A	50A	0.50-0.95V	FSS2	SMB
100	2A	50A	0.79V	FSSH2	SMB
20-40	2A	80A	0.41V	FSSL2	SMB
20-200	3A	70A	0.50-0.95V	SK3B	SMB
60-150	3A	80-125A	0.63-0.82V	SKH3B	SMB
20-150	4A	80-100A	0.55-0.95V	SK4B	SMB
20-150	5A	120A	0.55-0.95V	SK5B	SMB
20-200	1A	30A	0.50-0.95V	FSS1	SMA
20-40	1A	50A	0.39V	FSSL1	SMA
100	1A	30A	0.80V	FSSH1	SMA
40-150	2A	50A	0.50-0.95V	SK2A	SMA
60-100	2A	80-85A	0.625-0.77V	SKH2A	SMA
20-150	3A	70A	0.55-0.95V	SK3A	SMA
100	5A	105A	0.71V	MBRDH5G	DPAK
200	5A	100A	0.90V	MBRDH5G	DPAK
40	6A	75A	0.85V	MBRDH6G	DPAK
45	10A	100A	0.57V	SK10D	DPAK
100	15A	75A	0.85-0.94V	MBRDH15G	DPAK
90-100	8A	150A	0.95V	SRAS8	D2PAK
45-150	10A	120A	0.80-0.98V	MBRS10CT	D2PAK
45-200	10A	120A	0.70-0.88V	MBRS10HCT	D2PAK
45-150	15A	150A	0.84-0.95V	MBRS15CT	D2PAK
45-60	15A	150A	0.84-0.90V	MBRS15HCT	D2PAK
40-150	16A	150A	0.55-1.00V	MBRS16CT	D2PAK
45-150	16A	150A	0.63-0.95V	MBRS16	D2PAK
45-150	20A	200A	0.55-1.02V	MBRS20CT	D2PAK
100-200	20A	150A	0.95-0.97V	MBRS20HCT	D2PAK
45-150	25A	200A	0.82-1.02V	MBRS25CT	D2PAK
45	25A	150A	0.90V	MBRS25HCT	D2PAK

FAST RECOVERY RECTIFIERS

AXIAL

V _{RRM} (V)	I _F (A)	I _{FSM} (A)	V _f (V)	t _{rr} (ns)	Family	Package
1200-2000	0.5A	20A	2.20V	300ns	RGP02	DO-41
50-600	1A	30A	1.20V	150ns	1N4930GP	DO-41
400-1000	1A	35A	1.30V	150-500ns	BA150GP	DO-41
50-1000	1A	30A	1.30V	150-500ns	RGP10	DO-41
50-1000	1.5A	50A	1.30V	150-500ns	RGP15	DO-15
2000	1.5A	20A	3.00V	300ns	RGP1520	DO-15
100-800	3A	100A	1.30V	150-500ns	BY390GP	DO-201AD
50-600	3A	100A	1.25V	150ns	MR850GP	DO-201AD
50-1000	3A	125A	1.30V	150-500ns	RGP30	DO-201AD
50-600	5A	300A	1.20V	150ns	MR820	P-6
50-1000	5A	300A	1.30V	150-500ns	RGP50	P-6

SMD

V _{RRM} (V)	I _F (A)	I _{FSM} (A)	V _f (V)	t _{rr} (ns)	Family	Package
200-1000	0.8A	30A	1.30V	150-500ns	FRS1W	SOD123W
400-1000	1A	30A	1.30V	150-500ns	FRS1Z	SOD128
50-1000	1A	30A	1.30V	150-500ns	FRS1	SMA
50-1000	1.5A	50A	1.30V	150-300ns	FRS2	SMB
50-1000	3A	100A	1.30V	150-300ns	FRS3	SMC

RADIAL/LEADED

V _{RRM} (V)	I _F (A)	I _{FSM} (A)	V _f (V)	t _{rr} (ns)	Family	Package
200-1000	5A	30A	1.50V	150-500ns	FRF5G	ITO-220 AB
400-1000	8A	150A	1.30V	150-500ns	FRA8G	TO-220 AC
400-1000	8A	150A	1.30V	150-500ns	FRAF8G	ITO-220 AC
400-1000	10A	125A	1.30V	150-500ns	FR10G	TO-220 AB
200-1000	10A	150A	1.30V	150-500ns	FRAF10G	ITO-220 AC
400-1000	10A	125A	1.30V	150-500ns	FRF10G	ITO-220 AB
400-1000	16A	150A	1.30V	150-500ns	FR16G	TO-220 AB
200-1000	16A	250A	1.30V	150-500ns	FRA16G	TO-220 AC
200-1000	16A	250A	1.30V	150-500ns	FRAF16G	ITO-220 AC
400-1000	16A	150A	1.30V	150-500ns	FRF16G	ITO-220 AB

ULTRAFAST

AXIAL

V _{RRM} (V)	I _F (A)	I _{FSM} (A)	V _f (V)	t _{rr} (ns)	Family	Package
200-1000	1A	30A	2.50V	30-75ns	BYV26	DO-41
50-600	1A	30A	0.95-1.25V	50ns	EGP10	DO-41
50-1000	1A	30A	1.30-1.70V	50-75ns	FUF4000	DO-41
200-600	1A	35A	0.90-1.25V	25-50ns	FUR1	DO-41
50-600	2A	75A	0.95-1.25V	50ns	EGP20	DO-15
200	2A	75A	0.95V	25ns	EGP20DT	DO-15
50-1000	2A	75A	1.30-1.70V	50-75ns	FUF2000	DO-15
200-1000	2.3A	45A	2.65V	30-75ns	BYM26	DO-201AD
200-1000	3A	65A	1.60-1.78V	100-150ns	BYM36	DO-201AD
600	3A	70A	1.30V	85ns	FUR3	DO-201AD
200-400	3A	90A	0.98-1.25V	30ns	31DF	DO-201AD
50-600	3A	125A	0.95-1.25V	50ns	EGP30	DO-201AD
200-400	3A	125A	0.90-1.25V	35ns	EGP30T	DO-201AD
50-1000	3A	150A	1.30-1.70V	50-75ns	FUF5400	DO-201AD
200-600	4A	125A	1.00-1.70V	35ns	FSF4G	DO-201AD
200-600	4A	125A	1.10-1.28V	30-50ns	FUR4	DO-201AD
200	4A	125A	0.89V	25ns	MUR4	DO-201AD
50-1000	5A	150A	1.00-1.70V	50-75ns	EGP50	DO-201AD
200-600	5A	150A	1.10-1.30V	50-95ns	FUR5	DO-201AD
200-600	6A	150A	0.975-1.70V	35ns	FSF6G	DO-201AD

SMD

V _{RRM} (V)	I _F (A)	I _{FSM} (A)	V _f (V)	t _{rr} (ns)	Family	Package
100-600	1A	30A	0.95-1.70V	35ns	FES1W	SOD123W
200-1000	1A	30A	1.30-1.70V	50-75ns	FUF1W	SOD123W
200	2A	50A	1V	25ns	FES2Z	SOD128
300-600	1A	30A	1.30-1.70V	35ns	ES1	SMA
50-600	1A	30A	0.95-1.25V	50ns	FES1	SMA
100-1000	1A	30A	1.00-1.70V	50-75ns	HS1	SMA
200-1000	1A	30A	2.50V	30-75ns	FES26	SMA
50-200	1A	30A	0.92V	25ns	FUES1	SMA
50-1000	1.5A	30A	1.00-1.70V	50-75ns	FUS1	SMA
50-1000	1.5A	30A	1.30-1.70V	50-75ns	FUF1	SMA
100-1000	1.5A	50A	1.00-1.70V	50-75ns	HS2A	SMA
100-600	2A	50A	0.95-1.70V	35 ns	ES2A	SMA
50-600	2A	50A	0.95-1.25V	50ns	FES2	SMB
200	2A	50A	0.90V	25ns	FES2B	SMB
50-1000	2A	75A	1.30-1.70V	50-75ns	FUF2	SMB
600	3A	100A	1.25V	50ns	FURS3	SMB
50-600	3A	100A	0.95-1.25V	50ns	FES3	SMC
200	3A	100A	0.90V	35ns	FES3T	SMC
50-1000	3A	150A	1.30-1.70V	50-75ns	FUF3	SMC
200-1000	3A	150A	1.00-1.70V	50-75ns	HS3	SMC
200	3A	100A	0.90V	25 ns	FES3B	SMC
200-600	8A	125A	0.975-1.70V	35ns	SFAS8G	D2PAK
200-600	16A	125A	0.975-1.70V	35ns	SFS16G	D2PAK
600	5A	50A	1.40-1.85V	25ns	FURD	DPAK

ULTRAFAST

RADIAL/LEADED

V _{RRM} (V)	IF (A)	IFSM (A)	V _f (V)	trr (ns)	Family	Package
200-600	5A	70A	0.98-1.70V	35ns	SFF5G	ITO-220 AB
200-600	5A	125A	0.975-1.70V	35ns	SFAF5G	ITO-220 AC
200-1000	8A	150A	1.00-1.70V	50-80ns	HERAF8G	ITO-220 AC
200-600	8A	125A	0.975-1.70V	35ns	SFAF8G	ITO-220 AC
200-1000	8A	125A	1.00-1.70V	50-80ns	HERO8G	TO-220 AB
200-1000	8A	150A	1.00-1.70V	50-80ns	HERA8G	TO-220 AC
200-600	8A	125A	0.975-1.70V	35ns	SFA8G	TO-220 AC
200-600	8A	100A	0.975-1.70V	35-50ns	FUR8	TO-220 AC
200-600	8A	100A	0.975-1.70V	25-50ns	MUR8	TO-220 AC
200-1000	10A	125A	1.00-1.70V	50-80ns	HERF10G	ITO-220 AB
200-600	10A	125A	0.975-1.70V	35ns	SFF10G	ITO-220 AB
200-1000	10A	125-150A	1.10-1.70V	35-80ns	HERAF10G	ITO-220 AC
200-1000	10A	125A	1.00-1.70V	50-80ns	HERI10G	TO-220 AB
200-600	10A	125A	0.975-1.70V	35ns	SF10G	TO-220 AB
200-1000	16A	125A	1.00-1.70V	50-80ns	HERF16G	ITO-220 AB
200-600	16A	125A	0.975-1.70V	35ns	SFF16G	ITO-220 AB
200-600	16A	100A	0.975-1.50V	25-50ns	FURF16CT	ITO-220 AB
200-1000	16A	250A	1.00-1.70V	50-80ns	HERAF16G	ITO-220 AC
200-600	16A	200A	0.975-1.70V	35ns	SFAF16G	ITO-220 AC
200-1000	16A	125A	1.00-1.70V	50-80ns	HERI16G	TO-220 AB
200-600	16A	125A	1.00-1.70V	35-50ns	SF16G	TO-220 AB
200-600	16A	100A	0.975-1.50V	35-50ns	FUR16	TO-220 AB
200-1000	16A	250A	1.00-1.70V	50-80ns	HERA16G	TO-220 AC
200-600	16A	200A	0.975-1.70V	35ns	SFA16G	TO-220 AC
200-1000	16A	200A	1.00-1.70V	50-80ns	HERI16PT	TO-247AD
200-600	16A	150A	0.95-1.70V	35ns	SF16PT	TO-247AD
200-600	20A	150A	0.975-1.70V	35ns	SFF20G	ITO-220 AB
200-600	20A	200A	0.975-1.70V	35ns	SFAF20G	ITO-220 AC
150-600	20A	150A	0.975-1.70V	35ns	SF20G	TO-220 AB
200-600	20A	180A	1.10-1.90V	35ns	SF20PT	TO-247AD
200-1000	30A	300A	1.10-1.70V	50-80ns	HER30PT	TO-247AD
200-400	30A	300A	0.95-1.30V	35ns	SF30PT	TO-247AD

VERY SOFT ULTRAFAST

SMD

V _{RRM} (V)	IF (A)	IFSM (A)	V _f (V)	trr (ns)	Family	Package
200	1A	50A	0.90V	25ns	FESIWSR	SOD123W
200	3A	100A	1.0V	25ns	FE3ZSR	SOD128
200	1A	100A	0.90V	25ns	FESI1SR	SMA
200	2A	100A	0.90V	25ns	FES2SR	SMB
200	3A	125A	0.90V	25ns	FES3SR	SMC
200	3A	50A	1.0V	35ns	FES3PSR	SMPC
600	6A	100A	1.70	45ns	FES6PSR	SMPC
200	10A	130A	1.05V	25ns	FESI0PSR	SMPC

HIGH AVALANCHE ULTRAFAST

SMD

V _{RRM} (V)	IF (A)	IFSM (A)	V _f (V)	trr (ns)	Family	Package
800-1000	1A	30A	1.50V	120ns	FES1	SMA
800-1000	1.50A	30A	1.60V	120ns	BYG21	SMA

BRIDGE RECTIFIERS

DUAL IN LINE RADIAL/LEADED

Family	IF (A)	IFSM (A)	Voltage (V)	V _f (V)	Package
DF1MA	0.8A	30A	600-1000V	1.10V	DFM
DF1M	0.8A	50A	200-1000V	1.10V	DFM
DBL100G	1A	30-40A	400-1000V	1.10V	THIN DFM
DF15M	1.5A	50A	600-1000V	1.10V	DFM
DBL150G	1.5A	50A	400-1400V	1.10-1.25V	THIN DFM
DBL200G	2A	50A	400-1400V	1.15-1.30V	THIN DFM

DUAL IN LINE MBS/SMD

Family	IF (A)	IFSM (A)	Voltage (V)	V _f (V)	Package
DF1SA	0.8A	30A	600-1000V	1.10V	DFS
DF1S	0.8A	50A	600-1000V	1.10V	DFS
1SMZG	0.8A	35A	600-1000V	1.15V	MBS
MBSA	0.5A	30A	600-1000V	1.00V	MBS
DBLS100G	1A	50A	400-1000V	1.10V	THIN DFS
ABS	1A	30A	600-1000V	0.95V	THIN MINI DIP
DF15S	1.5A	50A	600-1000V	1.10V	DFS
DBLS150G	1.5A	50A	400-1400V	1.10-1.25V	THIN DFS
DBLS200G	2A	50A	400-1400V	1.15-1.30V	THIN DFS

IN LINE RADIAL/LEADED

Family	IF (A)	IFSM (A)	Voltage (V)	V _f (V)	Package
D2SB	1.5A	80A	400-1000V	1.05V	GBL
D2SBA	1.5A	60A	400-1000V	1.05V	GBL
GBL2	2A	60A	200-1000V	1.0V	GBL
D3SB	4A	120A	400-1000V	1.1V	M-IN LINE
D3SBA	4A	80A	400-1000V	1.1V	M-IN LINE
GBL04	4A	120A	200-1000V	1.1V	GBL
GBU4G	4A	150A	400-1000V	1.1V	GBU
D4SB	4A	150A	400-1000V	1.1V	M-IN LINE
D51XB	5A	180A	200-600V	1.0V	B-IN LINE
D5XB	5A	180A	400-1000V	1.0V	B-IN LINE
GBU6G	6A	175A	400-1000V	1.10V	GBU
D6XB	6A	180A	400-1000V	1.00V	B-IN LINE
D6XBA	6A	180A	400-1000V	1.00V	B-IN LINE
D6SB	6A	150A	400-1000V	1.10V	M-IN LINE
GBU8G	8A	200A	400-1000V	1.0V	GBU
D8XB	8A	200A	400-1000V	1.10V	B-IN LINE
GBU10G	10A	220A	400-1000V	1.1V	GBU
D10XB	10A	200A	400-1000V	1.10V	B-IN LINE
D10SB	10A	150A	400-1000V	1.10V	M-IN LINE
D15XB	15A	200A	400-1000V	1.10V	B-IN LINE
D15XBV	15A	200A	400-1000V	1.07V	B-IN LINE
D20XB	20A	240A	400-1000V	1.0V	B-IN LINE
D25XB	25A	300A	400-1000V	1.10V	B-IN LINE
D35XBL	35A	450A	600-1000V	1.05V	B-IN LINE

POWER LEADED

Family	IF (A)	IFSM (A)	Voltage (V)	V _f (V)	Package
FB15 / FB15L	15A	300A	50-1000V	1.10V	POWER / POWER L
FB25 / FB25L	25A	300A	50-1000V	1.10V	POWER / POWER L
FB35 / FB35L	35A	400A	50-1000V	1.10V	POWER / POWER L
FB40	40A	400A	50-1000V	1.10V	POWER
FB50	50A	400A	50-1000V	1.10V	POWER

Fagor Electronica has been manufacturing electronic components since 1966. Our headquarters is based in the Basque city of Mondragon in Spain, with an additional production plant in Chachoengsao near Bangkok in Thailand. We employ over 500 people in both plants. We also form part of the Mondragon Corporation, the seventh largest business association in Spain and a major reference point for cooperativism in the world.

The semiconductor business unit exports over 96% of its production across the globe. Fagor Electronica has an extensive network of sales offices and agents to support and sustain our customer relationships. We are dedicated to manufacturing a solution for all our customers. For that matter we are considered a benchmark company for business sectors like lighting, power supply, white goods, house hold appliances and automotive.

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