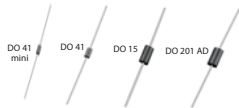


# SCHOTTKY

V <sub>rrm</sub> (V)	IF(A)	IFSM	VF	Family	Package
20-150	1A	25A	0.55-0.90	SRT1	DO-41 mini
20-150	0.5A	30A	0.55-0.95	SR0	DO-41
20-40	1A	25A	0.55-0.60	1N5810	DO-41
20-150	1A	40A	0.55-0.95	SB1	DO-41
20-150	2A	50A	0.55-0.95	SB2	DO-15
20-150	2A	50A	0.55-0.95	SR2	DO-15
20-40	3A	80A	0.55	1N5820	DO-201AD
20-150	3A	80A	0.55-0.95	SB3	DO-201AD
20-150	5A	150A	0.55-1.05	SB5	DO-201AD
40-150	8A	150A	0.55-1.02	SR8	DO-201AD

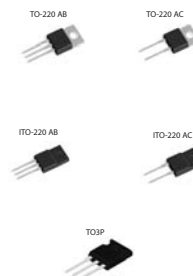


V <sub>rrm</sub> (V)	IF(A)	IFSM	VF	Family	Package
20-150	1A	30A	0.38-0.75	FSS1L	DO219AA
20-150	2A	50A	0.5-0.95	FSS20L	DO219AA
20-150	1A	40A	0.50-0.95	FSS1	SMA
20-40	1A	50A	0.39	FSSL1	SMA *
20-150	3A	120A	0.55-0.95	SK3-A	SMA
20-150	2A	50A	0.55-0.95	FSS2	SMB
40-150	5A	120A	0.55-0.95	SK5-B	SMB
20-40	2A	80A	0.41	FSSL2	SMB *
20-150	3A	100A	0.55-1.05	FSS3	SMC
50-100	3A	100A	0.41	FSSL3	SMC *
90-100	8A	150A	0.95	SRAS8	D2PAK
45-100	10A	150A	0.70-0.85	MBR510CT	D2PAK
100-200	10A	120A	0.95-0.97	MBR510HT	D2PAK
45-150	15A	150A	0.84-0.95	MBR515CT	D2PAK
20-150	16A	150A	0.55-1.00	MBR516CT	D2PAK
40-150	20A	200A	0.55-1.02	MBR520CT	D2PAK
100-200	20A	150A	0.95-0.97	MBR520HT	D2PAK
100-200	20A	150A	0.95-0.97	MBR520HT	D2PAK
45-150	25A	200A	0.82-1.02	MBR525CT	D2PAK



\* Low VF Schottky

V <sub>rrm</sub> (V)	IF(A)	IFSM	VF	Family	Package
45-200	10A	150A	0.70-0.99	MBR10CT	TO220 AB
45-150	15A	150A	0.72-1.05	MBR15CT	TO220 AB
45-200	20A	150A	0.84-1.23	MBR20CT	TO220 AB
45-150	25A	200A	0.82-1.02	MBR25CT	TO220 AB
45-150	30A	200A	0.82-1.02	MBR30CT	TO220 AB
45-150	7.5A	150A	0.84-1.02	MBR7	TO220 AC
20-150	8A	150A	0.55-0.95	SRA820	TO220 AC
45-200	10A	150A	0.70-1.05	MBR10	TO220 AC
45-150	16A	150A	0.63-0.95	MBR16	TO220 AC
20-150	20A	300A	0.55-1.02	SRA20	TO220 AC
45-200	10A	150A	0.70-0.99	MBR10CT	ITO220 AB
30-100	8A	150A	0.55-0.80	MBRF8CT	ITO220 AB
45-150	15A	150A	0.84-0.95	MBRF15CT	ITO220 AB
20-150	16A	200A	0.55-1.00	SFR16	ITO220 AB
40-150	20A	200A	0.55-1.02	MBRF20CT	ITO220 AB
45-150	25A	200A	0.82-1.02	MBRF25CT	ITO220 AB
45-150	30A	200A	0.82-1.05	MBRF30CT	ITO220 AB
40-100	5A	150A-200A	0.55-0.85	SRAF5	ITO220 AC
45-150	7.5A	150A	0.84-0.95	MBRF7	ITO220 AC
20-150	8A	150A	0.55-1.05	SRAF8	ITO220 AC
45-100	10A	150A	0.70-0.85	MBRF10	ITO220 AC
45-150	16A	150A	0.63-0.95	MBRF16	ITO220 AC
45-150	20A	150A	0.75-1.02	MBRF20	ITO220 AC
20-150	16A	200A	0.55-1.00	SRI6PT	TO3P
45-150	20A	150A	0.84-1.02	MBR20PT	TO3P
45-150	30A	200A	0.76-0.95	MBR30PT	TO3P
45-150	40A	300A	0.80-1.02	MBR40PT	TO3P
45-100	60A	200A	0.72	MBR60PT	TO3P



November 2008



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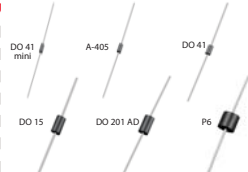
- GENERAL PURPOSE RECTIFIERS
- SCHOTTKY
- FAST RECOVERY RECTIFIERS
- ULTRAFAST
- BRIDGE RECTIFIERS
- ZENER
- TVS

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# GENERAL PURPOSE RECTIFIERS

V <sub>rrm</sub> (V)	IF(A)	IFSM	VF	Family	Package
200-1000	1A	30A	1.00V	TT-G	DO-41 mini
200-1000	1A	30A	1.00V	1N4005	A-405
50-1000	1A	30A	1.10V	1N4000GP	DO-41
50-1000	1A	30A	1.10V	GP10	DO-41
200-1200	1A	50A	1.10V	GP10I	DO-41
50-1000	1A	50A	1.00V	BYWZ7	DO-15
50-1000	1.5A	50A	1.20V	1N5390GP	DO-15
50-1000	1.5A	50A	1.10V	GP15	DO-15
200-1000	2A	80A	1.10V	BYW54	DO-15
600	2A	80A	1.00V	GP20	DO-15
50-1000	3A	125A	1.20V	1N5400GP	DO-201AD
200-800	3A	125A	1.00V	1N5620GP	DO-201AD
50-1300	3A	125A	1.10V	GP30	DO-201AD
50-1000	6A	400A	1.10V	P600	P-6



V <sub>rrm</sub> (V)	IF(A)	IFSM	VF	Family	Package
50-1000	1A	30A	1.10 V	F51L	DO219 AA
400-1200	1A	30A	1.10V	F51	SMA
50-1000	2A	50A	1.10V	F52	SMB
50-1000	3A	100A	1.20V	F53	SMC
50-1000	4A	100A	1.15V	F54	SMC
50-1000	5A	100A	1.15V	F55	SMC

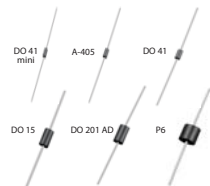


V <sub>rrm</sub> (V)	IF(A)	IFSM	VF	Family	Package
600-1000	8A	150A	1.10V	GPAB	TO-220 AC
600-1000	10A	150A	1.10V	GP100	TO-220 AB
200-1000	16A	150A	1.10V	GP16	TO-220 AB
600-1000	16A	250A	1.10V	GP16	TO-220 AC



## FAST RECOVERY RECTIFIERS

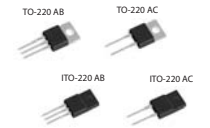
V <sub>rrm</sub> (V)	IF(A)	IFSM	V <sub>F</sub>	t <sub>rr</sub>	Family	Package
200-1000	1A	30A	1.30V	150-50ns	F1T-G	DO-41 mini
200-1000	1A	30A	1.30V	150-50ns	FR15-G	A-405
1200-2000	0.5A	20A	2.20V	300ns	RGPO2	DO-41
50-600	1A	30A	1.20V	150ns	1N4930GP	DO-41
400-1000	1A	35A	1.30V	150-500ns	BA150GP	DO-41
50-1000	1A	30A	1.30V	150-500ns	RGP10	DO-41
50-1500	1.5A	50A	1.30V	150-500ns	RG15	DO-15
2000	1.5A	20A	3.00V	300ns	RG15-20	DO-15
50-1000	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	RG30	DO-201AD
50-600	5A	300A	1.20V	150ns	MR820	P-6
50-1000	5A	300A	1.30V	150-500ns	RGPS0	P-6



V <sub>rrm</sub> (V)	IF(A)	IFSM	V <sub>F</sub>	t <sub>rr</sub>	Family	Package
200-1000	0.5A	10A	1.30V	150-500ns	R5F-L	DO219AA
50-1000	1A	30A	1.30V	1500-500ns	FR5L1	DO219AA
50-1000	1A	30A	1.30V	150-500ns	FR51	SMA
50-1000	2A	50A	1.30V	150-300ns	FR52	SMB
50-1000	3A	100A	1.30V	150-300ns	FR53	SMC

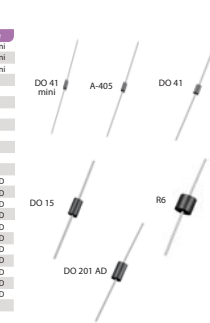


V <sub>rrm</sub> (V)	IF(A)	IFSM	V <sub>F</sub>	t <sub>rr</sub>	Family	Package
400-1000	10A	125A	1.30V	150-500ns	FR10G	TO-220 AB
400-1000	16A	150A	1.30V	150-500ns	FR16G	TO-220 AB
400-1000	8A	150A	1.30V	150-500ns	FR8G	TO-220 AC
200-1000	16A	250A	1.30V	150-500ns	FR16-G	TO-220 AC
400-1000	8A	150A	1.30V	150-500ns	FR8FG	TO-220 AC
200-1000	10A	150A	1.30V	150-500ns	FRAF10G	TO-220 AC
200-1000	16A	250A	1.30V	150-500ns	FRAF16G	TO-220 AC
200-1000	5A	30A	1.50V	150-500ns	FRF5-G	TO-220 AC
400-1000	10A	125A	1.30V	150-500ns	FRF10G	ITO-220 AB
400-1000	16A	150A	1.30V	150-500ns	FRF16G	ITO-220 AB



## ULTRAFAST

V <sub>rrm</sub> (V)	IF(A)	IFSM	V <sub>F</sub>	t <sub>rr</sub>	Family	Package
100-200	0.6A	40A	0.95V	15ns	BYV26UG06	DO-41 mini
200-600	1A	30A	0.95V-1.70V	35ns	SFT1-G	DO-41 mini
200-1000	1A	30A	1.00V-1.70V	50ns-75ns	HT1-G	DO-41 mini
200-600	1A	30A	0.95V-1.70V	35ns	SF15G	A-405
200-1000	1A	30A	1.00V-1.70V	50ns-75ns	HER15G	A-406
200-1000	1A	30A	2.50V	30ns-75ns	BY25G	DO-41
50-600	1A	30A	0.95V-1.25V	50ns	EGP10	DO-41
50-1000	1A	30A	1.30V-1.70V	50ns-75ns	FUF4000	DO-41
200-600	1A	35A	0.90V-1.25V	25ns-50ns	FUR1	DO-41
50-600	2A	75A	0.95V-1.25V	50ns	EGP20	DO-15
200	2A	75A	0.95V	25ns	EGP20DT	DO-15
50-1000	2A	75A	1.30V-1.70V	50ns-75ns	FUF2000	DO-15
200-1000	2.3A	45A	2.55V	30ns-75ns	BY26G	DO-201AD
200-1000	3A	65A	1.60V-1.78V	100ns-150ns	BYM36	DO-201AD
200-400	3A	90A	0.98V-1.25V	30ns	31DF	DO-201AD
50-600	3A	125A	0.95V-1.25V	50ns	EGP30	DO-201AD
200	3A	125A	0.90V	35ns	EGP30DT	DO-201AD
50-1000	3A	150A	1.30V-1.70V	50ns-75ns	FUF5400	DO-201AD
200-600	4A	125A	1.00V-1.70V	35ns	FSP4-G	DO-201AD
200-600	4A	150A	1.10V-1.28V	30ns-50ns	FUR4	DO-201AD
50-1000	5A	150A	1.00V-1.70V	50ns	EGP50	DO-201AD
200-600	5A	150A	1.10V-1.30V	50ns-95ns	FLRS	DO-201AD
200-600	6A	150A	0.975V-1.70V	35ns	FSF6-G	DO-201AD
200-1000	6A	150A	1.00V-1.70V	50ns-75ns	HER6-G	R6
200-1000	8A	150A	1.00V-1.70V	50ns-80ns	HER8-G	R6

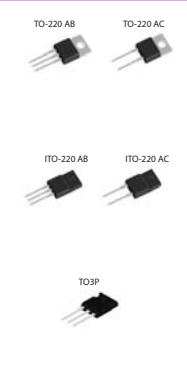


## ULTRAFAST

V <sub>rrm</sub> (V)	IF(A)	IFSM	V <sub>F</sub>	t <sub>rr</sub>	Family	Package
50-600	1A	30A	0.90V-1.25V	50ns	FES1L	DO219AA
50-600	1A	30A	0.90V-1.25V	50ns	FES1	SMA
200-600	1A	30A	2.50V	30ns	FES26	SMA
50-200	1A	30A	0.92V	25ns	FUE51	SMA
50-1000	1A	30A	1.30V-1.70V	50ns-75ns	FUF1	SMA
50-600	2A	50A	0.95V-1.25V	50ns	FES2	SMB
200	2A	50A	0.90V	25ns	FES2B	SMB
50-600	3A	100A	0.95V-1.25V	50ns	FES3	SMC
200	3A	100A	0.90V	35ns	FES3DT	SMC
400-1000	3A	100A	1.30V-1.70V	50ns-75ns	FUF3	SMC
200-600	8A	125A	0.975V-1.70V	35ns	SFS9G	D2PAK
200-600	16A	125A	0.975V-1.70V	35ns	SFS16G	D2PAK



V <sub>rrm</sub> (V)	IF(A)	IFSM	V <sub>F</sub>	t <sub>rr</sub>	Family	Package
200-1000	10A	125A	1.00V-1.70V	50ns-80ns	HER9G	TO-220 AB
200-1000	10A	125A	1.00V-1.70V	50ns-80ns	HER10G	TO-220 AB
200-600	10A	125A	0.975V-1.70V	35ns	SF10G	TO-220 AB
200-1000	16A	125A	1.00V-1.70V	50ns-80ns	FUR16-G	TO-220 AB
200-600	16A	125A	0.975V-1.70V	35ns	SF16G	TO-220 AB
200-600	16A	100A	0.975V-1.50V	25ns-50ns	FUR16	TO-220 AB
150-600	20A	150A	0.975V-1.70V	35ns	SF20G	TO-220 AB
200-1000	8A	150A	1.00V-1.70V	50ns-80ns	HERABG	TO-220 AC
200-600	8A	125A	0.975V-1.70V	35ns	SFA8G	TO-220 AC
200-600	8A	100A	0.975V-1.70V	25ns-50ns	FLR8	TO-220 AC
200-1000	16A	250A	1.00V-1.70V	50ns-80ns	HERA16G	TO-220 AC
200-600	16A	200A	0.975V-1.70V	35ns	SFA16G	TO-220 AC
200-600	5A	70A	0.975V-1.70V	35ns	SFF5-G	IT0220 AB
200-1000	10A	125A	1.00V-1.70V	50ns-80ns	HERF10G	IT0220 AB
200-600	10A	125A	0.975V-1.70V	35ns	SFF10G	IT0220 AB
200-1000	16A	125A	1.00V-1.70V	50ns-80ns	HERF16G	IT0220 AB
200-600	16A	200A	0.975V-1.70V	35ns	SFF16G	IT0220 AB
200-600	16A	100A	0.975V-1.50V	25ns-50ns	FURF16CT	IT0220 AB
200-600	20A	150A	0.975V-1.70V	35ns	SFF20G	IT0220 AB
200-600	5A	125A	0.975V-1.70V	35ns	SFAF5G	IT0220 AC
200-1000	8A	150A	1.00V-1.70V	50ns-80ns	HERAF8G	IT0220 AC
200-600	8A	125A	0.975V-1.70V	35ns	SFAF8G	IT0220 AC
200-1000	10A	150A	1.00V-1.70V	50ns-80ns	HERAF10G	IT0220 AC
200-1000	16A	250A	1.00V-1.70V	50ns-80ns	HERAF16G	IT0220 AC
200-600	16A	200A	0.975V-1.70V	35ns	SFAF16G	IT0220 AC
200-600	20A	200A	0.975V-1.70V	35ns	SFAF20G	IT0220 AC
200-1000	16A	200A	1.00V-1.70V	50ns-80ns	HER16PT	TO3P
200-600	16A	150A	0.95V-1.70V	35ns	SF16PT	TO3P
200-600	20A	180A	1.10V-1.90V	35ns	SF20PT	TO3P
200-1000	30A	300A	1.10V-1.70V	50ns-80ns	HER30PT	TO3P
200-400	30A	300A	0.95V-1.30V	35ns	SF30PT	TO3P



## BRIDGE RECTIFIERS

Family	IF(A)	IFSM	Voltage (V)	V <sub>F</sub>	Package
FB10 / FB10L	10	200A	50-1000	1.10V	FASTON/WIRE
FB15 / FB15L	15	300A	50-1000	1.10V	FASTON/WIRE
FB15-M	15	300A	50-1000	1.10V	FASTON-M
FB25 / FB25L	25	300A	50-1000	1.10V	FASTON/WIRE
FB25-M	25	300A	50-1000	1.10V	FASTON-M
FB35 / FB35L	35	400A	50-1000	1.10V	FASTON/WIRE
FB35-M	35	400A	50-1000	1.10V	FASTON-M
FB50	50	500A	50-600	1.10V	FASTON



## BRIDGE RECTIFIERS

Family	IF(A)	IFSM	Voltage (V)	V <sub>F</sub>	Package
DF1M	0.8-1	50A	200-1000	1.10V	DIL
SDFM51	1	30A	20-100	0.5V-0.8V	DIL *Schottky
HEDFMI	1	50A	200-1000	1.00V-1.70V	DIL *Ultrafast
DF15M	1.5	50A	600-1000	1.10V	DIL
CB00	0.8	30A	100-900	1.00V	ROUND
WLF	1	30A	50-1000	1.00V	ROUND
C1000	1	40A	100-900	1.00V	ROUND
C1500R	1.5	50A	100-900	1.10V	ROUND
WF	1.5	50A	50-1000	1.20V	ROUND



Family	IF(A)	IFSM	Voltage (V)	V <sub>F</sub>	Package
ABS	1	30A	600-1000	0.95V	MINI DIP
MBS	0.8-1	50A	200-1000	1.00V	MBS *Fast
1SMZG	0.8	30A	600-1000	1.50V	MBS
DF15	0.8-1	50A	200-1000	1.10V	DFS
HEDF15	1	50A	200-1000	1.00V-1.70V	DFS *Ultrafast
DF155	1.5	50A	600-1000	1.10V	DFS
SDF551	2	30A	20-100	0.5V-0.8V	DFS *Schottky

Family	IF(A)	IFSM	Voltage (V)	V <sub>F</sub>	Package
FB1.5-451	1.5	50A	50-1000	1.00V	S-INLINE
FB1.5-552	1.5	50A	100-900	1.00V	S-INLINE
FB2-451	2	60A	50-1000	1.10V	S-INLINE
FB2-552	2	100A	100-1000	1.00V	S-INLINE
FB2.5-451	2.5	100A	50-1000	1.10V	S-INLINE
FB3.7-1M1	3.7	150A	100-1000	1.00V	M-IN LINE
FB4-5M1	4	150A	50-1000	1.10V	M-IN LINE
FB4-7M1	4	150A	50-1000	1.10V	M-IN LINE
FB4-7M1	4	150A			