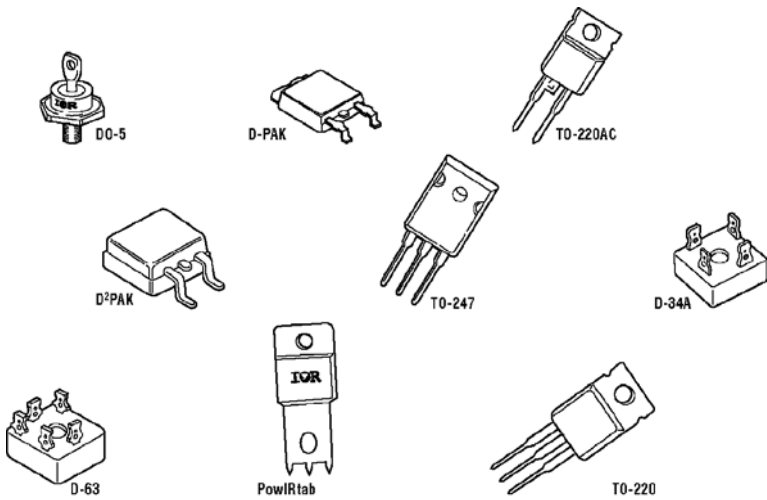


Rectifiers (continued)



Standard Recovery Discrete Diodes (continued)

Mfr.'s Type	V _{RRM} (V)	I _{F(AV)} Comp. (A)	@ TC (C°)	V _{FM} @ 25°C (V)	R _{TH(JC)} (°C/W) Max.	Package
70HFR100	-1000	70	140	1.35	0.450	DO-5 (1/4)
16FR120	-1200	16	140	1.23	1.600	DO-4 (10/32)
70HFR120	-1200	70	140	1.35	0.450	DO-5 (1/4)
85HFR120	-1200	85	140	1.20	0.350	DO-5 (1/4)
85HFR160	-1600	85	110	1.20	0.350	DO-5 (1/4)
40HF40	400	40	140	1.30	1.000	DO-5 (1/4)
25F60	600	25	120	0.90	1.500	DO-4 (10/32)
70HF60	600	70	140	1.35	0.450	DO-5 (1/4)
1N3293	600	100	130	1.50	0.400	DO-8 (3/8)
85HF80	800	85	140	1.20	0.350	DO-5 (1/4)
SD600N08PC	800	600	92	1.31	0.100	B-3C (3/4)
SD400C12C	1200	800	55	1.86	0.073	A-PUK (DO-200AA)
SD1100C12L	1200	1170	55	1.31	0.050	B-PUK (DO-200AB)
SD1100C16L	1600	1170	55	1.31	0.050	B-PUK (DO-200AB)
SD150N20PC	2000	150	125	1.50	0.230	DO-30 (1/2)
SD1100C25L	2500	910	55	1.44	0.050	B-PUK (DO-200AB)

Standard Recovery Rectifier Diodes

Mfr.'s Type	V _{RRM} (V)	I _{F(AV)} @ T _c = 105°C (A)	V _{FM} @ I _{FM} (V)	R _{WJ(C)} (°C/W)	Package
8EWS08S	800	8	1.1	3.00	D-PAK
10ETS08	800	10	1.1	2.50	TO-220AC
10ETS08S	800	10	1.1	2.50	D-PAK
60EPS08	800	60	1.1	0.45	TO-247
80EPS08	800	80	1.1	0.35	TO-247
8EWS12S	1200	8	1.1	3.00	D-PAK
20ETS12	1200	20	1.1	3.00	TO-220AC
40EPS12	1200	40	1.1	0.55	TO-247AC
60EPS12	1200	60	1.1	0.45	TO-247

Fast Recovery Rectifier Diodes

8EWF04S	400	8	1.2	2.50	D-PAK
10ETF06	600	10	1.5	1.50	TO-220AC

Single-Phase and Three-Phase Bridge Rectifiers

MB series are isolated base types. MT series are three-phase. Must be used with suitable heatsink. UL recognized.

Mfr.'s Type*	V _{RRM} (V)	I _{FSM} (A)	@ T _c (°C)	I _O (A)	Package
36MB05A	50	420	60	35	D-34A
26MB05A	50	350	65	25	D-34A
26MB10A	100	350	65	25	D-34A
36MB10A	100	420	60	35	D-34A

Single-Phase and Three-Phase Bridge Rectifiers (cont.)

Mfr.'s Type*	V _{RRM} (V)	I _{FSM} (A)	@ T _c (°C)	I _O (A)	Package
36MT10	100	420	60	35	D-63
26MB20A	200	350	65	25	D-34A
36MB20A	200	420	60	35	D-34A
36MT20	200	420	60	35	D-63
36MB40A	400	420	60	35	D-34A
36MT40	400	420	60	35	D-63
26MB60A	600	350	65	25	D-34A
36MB60A	600	420	60	35	D-34A
36MT60	600	420	60	35	D-63
26MB80A	800	350	65	25	D-34A
36MB80A	800	420	60	35	D-34A
36MT80	800	420	60	35	D-63
70MT80KB	800	70	85	70	INT-A-PAK
26MB100A	1000	350	65	25	D-34A
36MB100A	1000	420	60	35	D-34A
36MT100	1000	420	60	35	D-63
26MB120A	1200	350	65	25	D-34A
36MB120A	1200	420	60	35	D-34A
36MT120	1200	420	60	35	D-63
36MT140	1400	420	60	35	D-63
26MB160A	1600	350	65	25	D-34A
36MB160A	1600	420	60	35	D-34A
36MT160	1600	420	60	35	D-63
110MT160KB	1600	110	90	110	INT-A-PAK

Standard Recovery Rectifiers

Mfr.'s Type*	V _{RRM} (V)	@ T _c (°C)	V _{FM} @ I _{FM} (V)	I _{FSM} (A)	Package
70EPS08	800	70	1.15	900	PowlRtab
85EPS08	800	85	1.15	1400	PowlRtab
70EPS12	1200	70	1.15	900	PowlRtab
85EPS12	1200	85	1.15	1400	PowlRtab

Fast Recovery Rectifiers

70EPF02	200	70	1.35	600	PowlRtab
85EPF02	200	85	1.35	800	PowlRtab
70EPF04	400	70	1.35	600	PowlRtab
85EPF04	400	85	1.35	800	PowlRtab
70EPF06	600	70	1.35	600	PowlRtab
85EPF06	600	85	1.35	800	PowlRtab
70EPF08	800	70	1.40	700	PowlRtab
85EPF08	800	85	1.40	1400	PowlRtab
70EPF10	1000	70	1.40	700	PowlRtab
85EPF10	1000	85	1.40	1400	PowlRtab
70EPF12	1200	70	1.40	700	PowlRtab
85EPF12	1200	85	1.40	1400	PowlRtab

Insulated Gate Bipolar Transistors

Mfr.'s Type	V _{CEs} Max. (V)	I _C Max. @ 25°C (A)	P _O Power Dissipation Max. (W)	Speed	Package
IRG4BC10UD	600	8.5	38	Ultra-fast	TO-220
IRG4BC20W	600	13.0	60	Warp	TO-220
IRG4BC20UD	600	13.0	60	Ultra-fast	TO-220 CoPack
IRG4BC20KD	600	16.0	60	Ultra-fast short circuit	TO-220 CoPack
IRG4BC30U	600	23.0	100	Ultra-fast	TO-220
IRG4BC30UD	600	23.0	100	Ultra-fast	TO-220 CoPack
IRG4BC30S	600	34.0	100	Standard	TO-220
IRG4BC40W	600	40.0	160	Warp	TO-220
IRG4PC40W	600	40.0	160	Warp	TO-247
IRG4PC40UD	600	40.0	160	Ultra-fast	TO-247 CoPack
IRG4PC40KD	600	42.0	160	Ultra-fast short circuit	TO-247 CoPack

*@ T_c = 100°C.

Mfr.'s Type	V _{CEs} Max. (V)	I _C Max. @ 25°C (A)	P _O Power Dissipation Max. (W)	Speed	Package
IRG4PC50KD	600	52.0	200	Ultra-fast short circuit	TO-247 CoPack
IRG4PC50U	600	55.0	200	Ultra-fast	TO-247
IRG4PC50W	600	55.0	200	Warp	TO-247
IRG4PC50UD	600	55.0	200	Ultra-fast	TO-247 CoPack
IRG4PC50S	600	80.0	200	Standard	TO-247
IRG4PC571UD	600	60.0*	350	Ultra-fast	Super247 Copack
IRG4PC571U	600	61.0*	350	Ultra-fast	Super247
IRG4PF50W	900	51.0	200	Warp	TO-247
IRG4PH30KD	1200	20.0	100	Ultra-fast short circuit	TO-247 CoPack
IRG4PH40KD	1200	30.0	160	Ultra-fast short circuit	TO-247 CoPack
IRG4PH50U	1200	45.0	200	Ultra-fast	TO-247

*@ T_c = 100°C.