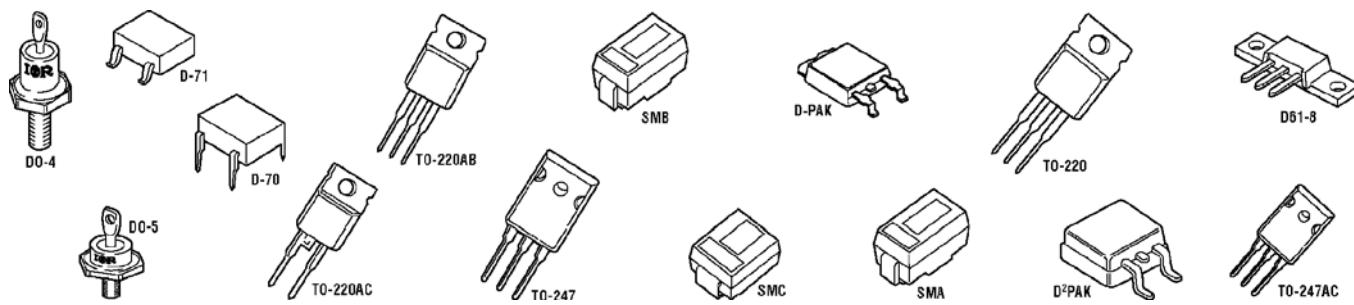


Rectifiers

Rectifiers (continued)



Silicon Standard Recovery Rectifiers 6 to 85 Amps — Stud Mount

Mfr.'s Type*	V _{RRM} (V)	I _{FSM} (A)	I _{FAV} A @ Max. T _c (°C)	Companion Series	Package	Mfr.'s Type*	V _{RRM} (V)	I _{FSM} (A)	I _{FAV} A @ Max. T _c (°C)	Companion Series	Package	Mfr.'s Type*	V _{RRM} (V)	I _{FSM} (A)	I _{FAV} A @ Max. T _c (°C)	Companion Series	Package
1N1199A	50	240	12 @ 150	—	DO-4	1N1186	200	500	35 @ 140	—	DO-5	16F60	600	310	16 @ 140	—	DO-4
1N3209	50	250	15 @ 165	—	DO-5	40HF20	200	500	40 @ 140	41HF	DO-5	1N1190	600	500	35 @ 140	—	DO-5
1N1183	50	500	35 @ 140	—	DO-5	1N1186A	200	800	40 @ 150	—	DO-5	1N1190A	600	800	40 @ 150	—	DO-5
1N1183A	50	800	40 @ 150	—	DO-5	1N2131A	200	900	60 @ 140	—	DO-5	1N2138A	600	900	60 @ 140	—	DO-5
1N2128A	50	900	60 @ 140	—	DO-5	70HF20†	200	1650	70 @ 140	71HF	DO-5	1N8671A	800	240	12 @ 150	—	DO-4
6F10	100	141	6 @ 158	—	DO-4	85HF20†	200	1500	85 @ 140	86HF	DO-5	16F700	800	310	16 @ 40	—	DO-4
12F10	100	235	12 @ 144	—	DO-4	1N1203A	300	240	12 @ 150	—	DO-4	1N8766	800	500	35 @ 40	—	DO-5
1N1200A	100	240	12 @ 150	—	DO-4	1N2133A	300	900	60 @ 140	—	DO-5	40HF80	800	500	40 @ 40	41HF	DO-5
1N3209	100	250	15 @ 165	—	DO-5	12F40	400	235	12 @ 144	—	DO-4	70HF80†	800	1050	70 @ 40	71HF	DO-5
16F10	100	310	16 @ 140	—	DO-4	1N1204A	400	240	12 @ 150	—	DO-4	85HF100†	800	1500	85 @ 40	86HF	DO-5
1N1184	100	500	35 @ 140	—	DO-5	16F40	400	310	16 @ 140	—	DO-4	12F100	1000	235	12 @ 44	—	DO-4
40HF10	100	500	40 @ 140	41HF	—	1N1188	400	500	35 @ 140	—	DO-5	1N8673A	1000	240	12 @ 150	—	DO-4
1N1184A	100	800	40 @ 150	—	DO-5	40HF40	400	500	40 @ 140	41HF	DO-5	16F700	1000	310	16 @ 40	—	DO-4
1N2129A	100	900	60 @ 140	—	DO-5	1N1188A	400	800	40 @ 150	—	DO-5	1N8768	1000	500	35 @ 40	—	DO-5
70HF10†	100	1050	70 @ 140	71HF	—	70HF40†	400	1050	70 @ 140	71HF	DO-5	40HF100	1000	500	40 @ 40	41HF	DO-5
85HF10†	100	1500	85 @ 140	86HF	—	85HF40†	400	1500	85 @ 140	86HF	DO-5	70HF100†	1000	1050	70 @ 40	71HF	DO-5
1N1201A	150	240	12 @ 150	—	DO-4	1N1205A	300	240	12 @ 150	—	DO-4	85HF100†	1000	1500	85 @ 40	86HF	DO-5
1N1185	150	500	35 @ 140	—	DO-5	1N1189	500	500	35 @ 140	—	DO-5	6F120	1200	141	6 @ 58	—	DO-4
1N2130A	150	900	60 @ 140	—	DO-5	1N2137A	300	900	60 @ 140	—	DO-5	16F120	1200	310	16 @ 40	—	DO-4
6F20	200	141	6 @ 158	—	DO-4	6F60	600	141	6 @ 158	—	DO-4	85HF120†	1200	1500	85 @ 40	86HF	DO-5
1N1202A	200	240	12 @ 150	—	DO-4	12F60	600	235	12 @ 144	—	DO-4	40HF180	1800	500	40 @ 140	41HF	DO-5
1N3210	200	250	15 @ 165	—	DO-5	1N1206A	600	240	12 @ 150	—	DO-4	85HF160†	1600	1500	85 @ 140	86HF	DO-5
1N2120	200	310	16 @ 140	—	DO-4	1N3214	600	250	15 @ 165	—	DO-5	—	—	—	—	—	

*Cathode-to-stud; for anode-to-stud, add "R" to basic number (example: 12FR10, 1N3208R, 40HFR10). †Companion series provided with flexible lead.

Single Phase Bridge Rectifiers

Surface Mount Package — D-71

Mfr.'s Type*	V _{RRM} (V)	Io*			V _{FM} **			I _{FSM} † (A)			Mfr.'s Type	V _{RRM} (V)	Io*			V _{FM} **			I _{FSM} † (A)			
		(A)	@ T _c (°C)	(V)	(A)	@ T _c (°C)	(V)	(A)	@ 50 Hz	@ 60 Hz			(A)	(V)	(A)	@ T _c (°C)	(V)	(A)	@ 50 Hz	@ 60 Hz	I _{FM} (μA)	R _{DC} (K/W)
DF005S	50	1	40	1	1	30	31	5	60	—	DF01M	100	1	40	1	1	30	31	5	60	—	—
DF01S	100	1	40	1	1	30	31	5	60	—	DF02M	200	1	40	1	1	30	31	5	60	—	—
DF02S	200	1	40	1	1	30	31	5	60	—	DF04M	400	1	40	1	1	30	31	5	60	—	—
DF04S	400	1	40	1	1	30	31	5	60	—	DF06M	600	1	40	1	1	30	31	5	60	—	—

*T_a **T_j Max. = 150°C. †@100% V_{RRM} and T_j Max. = 150°C.

Schottky Rectifier Diodes

Mfr.'s Type*	V _{RRM} (V)	I _{FAV} @ T _c (A)	V _{FM} @ I _{FM} (V)	T _j Max. (°C)	Package	Mfr.'s Type*	V _{RRM} (V)	I _{FAV} @ T _c (A)	V _{FM} @ I _{FM} (V)	T _j Max. (°C)	Package
MBR1035	35	10.0	0.840	150	TO-220AC	10BQ015	15	1.0	0.300	100	SMB
MBR1525CT	35	15.0	0.840	150	TO-220AB	30BQ015	15	3.0	0.300	100	SMC
MBR1635	35	16.0	0.630	150	TO-220AC	30WQ03FN	30	3.5	0.350	1	