

## Fast Recovery Rectifiers

Part Number	Package	V <sub>RWM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> Max. (A)	I <sub>R</sub> Max. @V <sub>RWM</sub> (μA)	V <sub>F</sub> Max.@I <sub>O</sub> (V)	T <sub>rr</sub> Max. (ns)	Datesheet
MR850	DO-201AD	50	3	150	10	1.25	100	
MR851	DO-201AD	100	3	150	10	1.25	100	
MR852	DO-201AD	200	3	150	10	1.25	100	
MR854	DO-201AD	400	3	150	10	1.25	100	
MR856	DO-201AD	600	3	150	10	1.3	150	
MR858	DO-201AD	800	3	150	10	1.3	150	
SDFR530	TO-220AC	300	3	150	30	1	150	
FR601	R-6	50	6	200	10	1.2	150	
FR602	R-6	100	6	200	10	1.2	150	
FR603	R-6	200	6	200	10	1.2	150	
FR604	R-6	400	6	200	10	1.2	150	
FR605	R-6	600	6	200	10	1.2	250	
FR606	R-6	800	6	200	10	1.2	500	
FR607	R-6	1000	6	200	10	1.2	500	
FR601G	R-6	50	6	300	10	1.3	150	
FR602G	R-6	100	6	300	10	1.3	150	
FR603G	R-6	200	6	300	10	1.3	150	
FR604G	R-6	400	6	300	10	1.3	150	
FR605G	R-6	600	6	300	10	1.3	250	
FR606G	R-6	800	6	300	10	1.3	500	
FR607G	R-6	1000	6	300	10	1.3	500	
FR801G	TO-220AC	50	8	150	5	1.3	150	
FR802G	TO-220AC	100	8	150	5	1.3	150	
FR803G	TO-220AC	200	8	150	5	1.3	150	
FR804G	TO-220AC	400	8	150	5	1.3	150	
FR805G	TO-220AC	600	8	150	5	1.3	250	
FR806G	TO-220AC	800	8	150	5	1.3	500	
FR807G	TO-220AC	1000	8	150	5	1.3	500	
SDFR103	TO-220AB	300	10	150	30	1	100	
FR1601G	TO-220AB	50	16	250	5	1.3	150	
FR1602G	TO-220AB	100	16	250	5	1.3	150	
FR1603G	TO-220AB	200	16	250	5	1.3	150	
FR1604G	TO-220AB	400	16	250	5	1.3	150	
FR1605G	TO-220AB	600	16	250	5	1.3	250	
FR1606G	TO-220AB	800	16	250	5	1.3	500	
FR1607G	TO-220AB	1000	16	250	5	1.3	500	
FR1601G	TO-220AC	50	16	250	5	1.3	150	
FR1602G	TO-220AC	100	16	250	5	1.3	150	
FR1603G	TO-220AC	200	16	250	5	1.3	150	
FR1604G	TO-220AC	400	16	250	5	1.3	150	
FR1605G	TO-220AC	600	16	250	5	1.3	250	
FR1606G	TO-220AC	800	16	250	5	1.3	500	
FR1607G	TO-220AC	1000	16	250	5	1.3	500	
R2000F	DO-41	2000	0.2	30	5	4	500	
1F1	R-1	50	1	25	5	1.3	150	
1F2	R-1	100	1	25	5	1.3	150	
1F3	R-1	200	1	25	5	1.3	150	
1F4	R-1	400	1	25	5	1.3	150	
1F5	R-1	600	1	25	5	1.3	250	
1F6	R-1	800	1	25	5	1.3	500	
1F7	R-1	1000	1	25	5	1.3	500	
FR101	DO-41	50	1	30	5	1.3	150	
FR102	DO-41	100	1	30	5	1.3	150	

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FR103	DO-41	200	1	30	5	1.3	150	
FR104	DO-41	400	1	30	5	1.3	150	
FR105	DO-41	600	1	30	5	1.3	250	
FR106	DO-41	800	1	30	5	1.3	500	
FR107	DO-41	1000	1	30	5	1.3	500	
FR101G	DO-41	50	1	30	5	1.3	150	
FR102G	DO-41	100	1	30	5	1.3	150	
FR103G	DO-41	200	1	30	5	1.3	150	
FR104G	DO-41	400	1	30	5	1.3	150	
FR105G	DO-41	600	1	30	5	1.3	250	
FR106G	DO-41	800	1	30	5	1.3	500	
FR107G	DO-41	1000	1	30	5	1.3	500	
RL101F	A-405	50	1	30	5	1.3	150	
RL102F	A-405	100	1	30	5	1.3	150	
RL103F	A-405	200	1	30	5	1.3	150	
RL104F	A-405	400	1	30	5	1.3	150	
RL105F	A-405	600	1	30	5	1.3	250	
RL106F	A-405	800	1	30	5	1.3	500	
RL107F	A-405	1000	1	30	5	1.3	500	
FR1A	SMB	50	1	30	5	1.3	150	
FR1B	SMB	100	1	30	5	1.3	150	
FR1D	SMB	200	1	30	5	1.3	150	
FR1G	SMB	400	1	30	5	1.3	150	
FR1J	SMB	600	1	30	5	1.3	250	
FR1K	SMB	800	1	30	5	1.3	500	
RS1A-F	SMA	50	1	30	5	1.3	150	
RS1B-F	SMA	100	1	30	5	1.3	150	
RS1D-F	SMA	200	1	30	5	1.3	150	
RS1G-F	SMA	400	1	30	5	1.3	150	
RS1J-F	SMA	600	1	30	5	1.3	250	
RS1K-F	SMA	800	1	30	5	1.3	500	
RS1M-F	SMA	1000	1	30	5	1.3	500	
RS1A	SMA	50	1	30	5	1.3	150	
RS1B	SMA	100	1	30	5	1.3	150	
RS1D	SMA	200	1	30	5	1.3	150	
RS1G	SMA	400	1	30	5	1.3	150	
RS1J	SMA	600	1	30	5	1.3	250	
RS1K	SMA	800	1	30	5	1.3	500	
RS1M	SMA	1000	1	30	5	1.3	500	
R1A	SMAF	50	1	30	5	1.3	150	
R1B	SMAF	100	1	30	5	1.3	150	
R1D	SMAF	200	1	30	5	1.3	150	
R1G	SMAF	400	1	30	5	1.3	150	
R1J	SMAF	600	1	30	5	1.3	250	
R1K	SMAF	800	1	30	5	1.3	500	
R1M	SMAF	1000	1	30	5	1.3	500	
RS12AL	SOD-123FL	50	1	30	5	1.3	150	
RS12BL	SOD-123FL	100	1	30	5	1.3	150	
RS12DL	SOD-123FL	200	1	30	5	1.3	150	
RS12GL	SOD-123FL	400	1	30	5	1.3	150	
RS12JL	SOD-123FL	600	1	30	5	1.3	250	
RS12KL	SOD-123FL	800	1	30	5	1.3	500	
RS12ML	SOD-123FL	1000	1	30	5	1.3	500	
FF107M	SOD-123SL	1000	1.2	50	5	1.3	250	
FR151	DO-15	50	1.5	60	5	1.3	150	
FR152	DO-15	100	1.5	60	5	1.3	150	

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FR153	DO-15	200	1.5	60	5	1.3	150	
FR154	DO-15	400	1.5	60	5	1.3	150	
FR155	DO-15	600	1.5	60	5	1.3	250	
FR156	DO-15	800	1.5	60	5	1.3	500	
FR157	DO-15	1000	1.5	60	5	1.3	500	
FR151G	DO-15	50	1.5	50	5	1.3	150	
FR152G	DO-15	100	1.5	50	5	1.3	150	
FR153G	DO-15	200	1.5	50	5	1.3	150	
FR154G	DO-15	400	1.5	50	5	1.3	150	
FR155G	DO-15	600	1.5	50	5	1.3	250	
FR156G	DO-15	800	1.5	50	5	1.3	500	
FR157G	DO-15	1000	1.5	50	5	1.3	500	
FR201	DO-15	50	2	60	5	1.2	150	
FR202	DO-15	100	2	60	5	1.2	150	
FR203	DO-15	200	2	60	5	1.2	150	
FR204	DO-15	400	2	60	5	1.2	150	
FR205	DO-15	600	2	60	5	1.2	250	
FR206	DO-15	800	2	60	5	1.2	500	
FR207	DO-15	1000	2	60	5	1.2	500	
FR201G	DO-15	50	2	70	5	1.3	150	
FR202G	DO-15	100	2	70	5	1.3	150	
FR203G	DO-15	200	2	70	5	1.3	150	
FR204G	DO-15	400	2	70	5	1.3	150	
FR205G	DO-15	600	2	70	5	1.3	250	
FR206G	DO-15	800	2	70	5	1.3	500	
FR207G	DO-15	1000	2	70	5	1.3	500	
FR2A	SMB	50	2	50	5	1.3	150	
FR2B	SMB	100	2	50	5	1.3	150	
FR2D	SMB	200	2	50	5	1.3	150	
FR2G	SMB	400	2	50	5	1.3	150	
FR2J	SMB	600	2	50	5	1.3	250	
FR2K	SMB	800	2	50	5	1.3	500	
RS2A	SMB	50	2	50	5	1.3	150	
RS2B	SMB	100	2	50	5	1.3	150	
RS2D	SMB	200	2	50	5	1.3	150	
RS2G	SMB	400	2	50	5	1.3	150	
RS2J	SMB	600	2	50	5	1.3	250	
RS2K	SMB	800	2	50	5	1.3	500	
RS2M	SMB	1000	2	50	5	1.3	500	
RS3AAF	SMAF	50	3	90	5	1.3	160	
RS3BAF	SMAF	100	3	90	5	1.3	160	
RS3DAF	SMAF	200	3	90	5	1.3	160	
RS3GAF	SMAF	400	3	90	5	1.3	160	
RS3JAF	SMAF	600	3	90	5	1.3	160	
RS3KAF	SMAF	800	3	90	5	1.3	160	
RS3MAF	SMAF	1000	3	90	5	1.3	160	
FR3A	SMC	50	3	100	5	1.3	150	
FR3B	SMC	100	3	100	5	1.3	150	
FR3D	SMC	200	3	100	5	1.3	150	
FR3G	SMC	400	3	100	5	1.3	150	
FR3J	SMC	600	3	100	5	1.3	250	
FR3K	SMC	800	3	100	5	1.3	500	
FR3M	SMC	1000	3	100	5	1.3	500	
FR301	DO-201AD	50	3	200	5	1.3	150	
FR302	DO-201AD	100	3	200	5	1.3	150	
FR303	DO-201AD	200	3	200	5	1.3	150	

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FR304	DO-201AD	400	3	200	5	1.3	150	
FR305	DO-201AD	600	3	200	5	1.3	250	
FR306	DO-201AD	800	3	200	5	1.3	500	
FR307	DO-201AD	1000	3	200	5	1.3	500	
FR301G	DO-201AD	50	3	125	5	1.3	150	
FR302G	DO-201AD	100	3	125	5	1.3	150	
FR303G	DO-201AD	200	3	125	5	1.3	150	
FR304G	DO-201AD	400	3	125	5	1.3	150	
FR305G	DO-201AD	600	3	125	5	1.3	250	
FR306G	DO-201AD	800	3	125	5	1.3	500	
FR307G	DO-201AD	1000	3	125	5	1.3	500	