

## Fast Recovery Rectifiers

Part Number	Package Outline	Peak Inverse Voltage ( $V_{RWM}$ ) (V)	Output Current ( $I_O$ ) (A)	Max. Forward Surge Current ( $I_{FSM}$ ) (A)	Max. Reverse Leakage Current ( $I_R$ ) ( $\mu$ A)	Max. Forward Voltage ( $V_F$ ) (V)	Max. Reverse Recovery Time (trr) (ns)	Datasheet
1N4933	DO-41	50	1	30	5	1	200	
1N4934	DO-41	100	1	30	5	1	200	
1N4935	DO-41	200	1	30	5	1	200	
1N4936	DO-41	400	1	30	5	1	200	
1N4937	DO-41	600	1	30	5	1	200	
1N4942	DO-41	200	1	30	5	1.3	150	
1N4944	DO-41	400	1	30	5	1.3	150	
1N4946	DO-41	600	1	30	5	1.3	250	
1N4947	DO-41	800	1	30	5	1.3	250	
1N4948	DO-41	1000	1	30	5	1.3	500	
BA157	DO-41	400	1	30	5	1.2	150	
BA158	DO-41	600	1	30	5	1.2	250	
BA159	DO-41	1000	1	30	5	1.2	500	
FR101	DO-41	50	1	30	5	1.2	150	
FR102	DO-41	100	1	30	5	1.2	150	
FR103	DO-41	200	1	30	5	1.2	150	
FR104	DO-41	400	1	30	5	1.2	150	
FR105	DO-41	600	1	30	5	1.2	250	
FR106	DO-41	800	1	30	5	1.2	500	
FR107	DO-41	1000	1	30	5	1.2	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	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	
BY296	DO-15	100	2	70	5	1.2	500	
BY297	DO-15	200	2	70	5	1.2	500	
BY298	DO-15	400	2	70	5	1.2	500	
BY299	DO-15	800	2	70	5	1.2	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	
FR2A	SMB	50	2	50	5	1.3	150	
FR2B	SMB	100	2	50	5	1.2	150	
FR2D	SMB	200	2	50	5	1.2	150	
FR2G	SMB	400	2	50	5	1.2	150	
FR2J	SMB	600	2	50	5	1.3	250	
FR2K	SMB	800	2	50	5	1.3	500	
BY396	DO-27	100	3	200	10	1.3	500	
BY397	DO-27	200	3	200	10	1.3	500	
BY398	DO-27	400	3	200	10	1.3	500	
BY399	DO-27	800	3	200	10	1.3	500	
FR3A	SMC	50	3	100	10	1.3	150	
FR3B	SMC	100	3	100	10	1.3	150	
FR3D	SMC	200	3	100	10	1.3	150	
FR3G	SMC	400	3	100	10	1.3	150	

Part Number	Package Outline	Peak Inverse Voltage ( $V_{RWM}$ ) (V)	Output Current ( $I_O$ ) (A)	Max. Forward Surge Current ( $I_{FSM}$ ) (A)	Max. Reverse Leakage Current ( $I_R$ ) ( $\mu A$ )	Max. Forward Voltage ( $V_F$ ) (V)	Max. Reverse Recovery Time (trr) (ns)	Datasheet
FR3J	SMC	600	3	100	10	1.3	250	
FR3K	SMC	800	3	100	10	1.3	500	
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	
FR601	R-6	50	6	300	10	1.3	150	
FR602	R-6	100	6	300	10	1.3	150	
FR603	R-6	200	6	300	10	1.3	150	
FR604	R-6	400	6	300	10	1.3	150	
FR605	R-6	600	6	300	10	1.3	250	
FR606	R-6	800	6	300	10	1.3	500	
FR607	R-6	1000	6	300	10	1.3	500	