

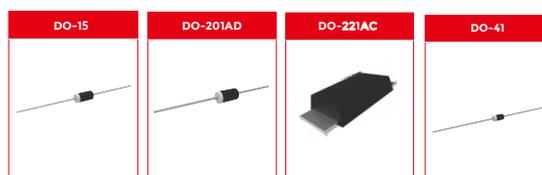
## Fast Recovery Rectifiers

Part Number	Package	Working Peak Reverse Voltage	Average Forward Current	Peak Forward Surge Current	Maximum Forward Voltage	At Rated Forward Current	Reverse Voltage Leakage Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Marking Code
		$V_{RWM}$ (V)	$I_o$ (A)	$I_{FSM}$ (A)	$V_F$ (V)	$I_F$ (A)	$I_R$ ( $\mu$ A)	$V_R$ (V)	$T_{RR}$ ( $\mu$ s)	
FRB2504	D2-PAK	400	25	280	1.3	25	10	400	0.25	FRB2504
FR151	DO-15	50	1.5	50	1.3	1.5	5	50	0.15	FR151
FR152	DO-15	100	1.5	50	1.3	1.5	5	100	0.15	FR152
FR153	DO-15	200	1.5	50	1.3	1.5	5	200	0.15	FR153
FR154	DO-15	400	1.5	50	1.3	1.5	5	400	0.15	FR154
FR155	DO-15	600	1.5	50	1.3	1.5	5	600	0.25	FR155
FR156	DO-15	800	1.5	50	1.3	1.5	5	800	0.5	FR156
FR157	DO-15	1000	1.5	50	1.3	1.5	5	1000	0.5	FR157
FR151GP	DO-15	50	1.5	50	1.3	1.5	5	50	0.15	FR151GP
FR152GP	DO-15	100	1.5	50	1.3	1.5	5	100	0.15	FR152GP
FR153GP	DO-15	200	1.5	50	1.3	1.5	5	200	0.15	FR153GP
FR154GP	DO-15	400	1.5	50	1.3	1.5	5	400	0.15	FR154GP
FR155GP	DO-15	600	1.5	50	1.3	1.5	5	600	0.25	FR155GP
FR156GP	DO-15	800	1.5	50	1.3	1.5	5	800	0.5	FR156GP
FR157GP	DO-15	1000	1.5	50	1.3	1.5	5	1000	0.5	FR157GP
FR201	DO-15	50	2	60	1.3	2	5	50	0.15	FR201
FR202	DO-15	100	2	60	1.3	2	5	100	0.15	FR202
FR203	DO-15	200	2	60	1.3	2	5	200	0.15	FR203
FR204	DO-15	400	2	60	1.3	2	5	400	0.15	FR204
FR205	DO-15	600	2	60	1.3	2	5	600	0.25	FR205
FR206	DO-15	800	2	60	1.3	2	5	800	0.5	FR206
FR207	DO-15	1000	2	60	1.3	2	5	1000	0.5	FR207
FR201GP	DO-15	50	2	60	1.3	2	5	50	0.15	FR201GP
FR202GP	DO-15	100	2	60	1.3	2	5	100	0.15	FR202GP
FR203GP	DO-15	200	2	60	1.3	2	5	200	0.15	FR203GP
FR204GP	DO-15	400	2	60	1.3	2	5	400	0.15	FR204GP
FR205GP	DO-15	600	2	60	1.3	2	5	600	0.25	FR205GP
FR206GP	DO-15	800	2	60	1.3	2	5	800	0.5	FR206GP
FR207GP	DO-15	1000	2	60	1.3	2	5	1000	0.5	FR207GP
FR301	DO-201AD	50	3	150	1.3	3	10	50	0.15	FR301
FR302	DO-201AD	100	3	150	1.3	3	10	100	0.15	FR302
FR303	DO-201AD	200	3	150	1.3	3	10	200	0.15	FR303
FR304	DO-201AD	400	3	150	1.3	3	10	400	0.15	FR304
FR305	DO-201AD	600	3	150	1.3	3	10	600	0.25	FR305
FR306	DO-201AD	800	3	150	1.3	3	10	800	0.5	FR306
FR307	DO-201AD	1000	3	150	1.3	3	10	1000	0.5	FR307
FR301GP	DO-201AD	50	3	150	1.3	3	5	50	0.15	FR301GP
FR302GP	DO-201AD	100	3	150	1.3	3	5	100	0.15	FR302GP
FR303GP	DO-201AD	200	3	150	1.3	3	5	200	0.15	FR303GP
FR304GP	DO-201AD	400	3	150	1.3	3	5	400	0.15	FR304GP
FR305GP	DO-201AD	600	3	150	1.3	3	5	600	0.25	FR305GP
FR306GP	DO-201AD	800	3	150	1.3	3	5	800	0.5	FR306GP
FR307GP	DO-201AD	1000	3	150	1.3	3	5	1000	0.5	FR307GP
FR501	DO-201AD	50	5	200	1.35	5	10	50	0.15	FR501
FR502	DO-201AD	100	5	200	1.35	5	10	100	0.15	FR502
FR503	DO-201AD	200	5	200	1.35	5	10	200	0.15	FR503
FR504	DO-201AD	400	5	200	1.35	5	10	400	0.15	FR504
FR505	DO-201AD	600	5	200	1.35	5	10	600	0.25	FR505
FR506	DO-201AD	800	5	200	1.35	5	10	800	0.5	FR506
FR507	DO-201AD	1000	5	200	1.35	5	10	1000	0.5	FR507
FR501GP	DO-201AD	50	5	200	1.35	5	10	50	0.15	-
FR502GP	DO-201AD	100	5	200	1.35	5	10	100	0.15	-
FR503GP	DO-201AD	200	5	200	1.35	5	10	200	0.15	-
FR504GP	DO-201AD	400	5	200	1.35	5	10	400	0.15	-



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		$V_{RWM}$ (V)	$I_o$ (A)	$I_{FSM}$ (A)	$V_F$ (V)	$I_F$ (A)	$I_R$ (uA)	$V_R$ (V)	$T_{RR}$ (μs)	
FR505GP	DO-201AD	600	5	200	1.35	5	10	600	0.25	-
FR506GP	DO-201AD	800	5	200	1.35	5	10	800	0.5	-
FR507GP	DO-201AD	1000	5	200	1.35	5	10	1000	0.5	-
TFR602G	DO-201AD	120	6	250	0.95	6	5	120	0.3	TFR602G
FS2AFL	DO-221AC	50	2	50	1.3	2	5	50	0.15	FS2A
FS2BFL	DO-221AC	100	2	50	1.3	2	5	100	0.15	FS2B
FS2DFL	DO-221AC	200	2	50	1.3	2	5	200	0.15	FS2D
FS2GFL	DO-221AC	400	2	50	1.3	2	5	400	0.15	FS2G
FS2JFL	DO-221AC	600	2	50	1.3	2	5	600	0.25	FS2J
FS2KFL	DO-221AC	800	2	50	1.3	2	5	800	0.5	FS2K
FS2MFL	DO-221AC	1000	2	50	1.3	2	5	1000	0.5	FS2M
1N4933	DO-41	50	1	30	1.3	1	5	50	0.2	1N4933
1N4934	DO-41	100	1	30	1.3	1	5	100	0.2	1N4934
1N4935	DO-41	200	1	30	1.3	1	5	200	0.2	1N4935
1N4936	DO-41	400	1	30	1.3	1	5	400	0.2	1N4936
1N4937	DO-41	600	1	30	1.3	1	5	600	0.2	1N4937
1N4933GP	DO-41	50	1	30	1.3	1	5	50	0.2	1N4933GP
1N4934GP	DO-41	100	1	30	1.3	1	5	100	0.2	1N4934GP
1N4935GP	DO-41	200	1	30	1.3	1	5	200	0.2	1N4935GP
1N4936GP	DO-41	400	1	30	1.3	1	5	400	0.2	1N4936GP
1N4937GP	DO-41	600	1	30	1.3	1	5	600	0.2	1N4937GP
1N4942	DO-41	200	1	25	1.3	1	5	200	0.15	1N4942
1N4944	DO-41	400	1	25	1.3	1	5	400	0.15	1N4944
1N4946	DO-41	600	1	25	1.3	1	5	600	0.25	1N4946
1N4947	DO-41	800	1	25	1.3	1	5	800	0.25	1N4947
1N4948	DO-41	1000	1	25	1.3	1	5	1000	0.5	1N4948
1N4942GP	DO-41	200	1	25	1.3	1	5	200	0.15	1N4942GP
1N4944GP	DO-41	400	1	25	1.3	1	5	400	0.15	1N4944GP
1N4946GP	DO-41	600	1	25	1.3	1	5	600	0.25	1N4946GP
1N4947GP	DO-41	800	1	25	1.3	1	5	800	0.25	1N4947GP
1N4948GP	DO-41	1000	1	25	1.3	1	5	1000	0.5	1N4948GP
BA157	DO-41	400	1	35	1.3	1	5	400	0.15	BA157
BA158	DO-41	600	1	35	1.3	1	5	600	0.15	BA158
BA159	DO-41	1000	1	35	1.3	1	5	1000	0.25	BA159
BA157GP	DO-41	400	1	30	1.3	1	5	400	0.15	BA157GP
BA158GP	DO-41	600	1	30	1.3	1	5	600	0.15	BA158GP
BA159GP	DO-41	1000	1	30	1.3	1	5	1000	0.25	BA159GP
FR101	DO-41	50	1	30	1.3	1	5	50	0.15	FR101
FR102	DO-41	100	1	30	1.3	1	5	100	0.15	FR102
FR103	DO-41	200	1	30	1.3	1	5	200	0.15	FR103
FR104	DO-41	400	1	30	1.3	1	5	400	0.15	FR104
FR105	DO-41	600	1	30	1.3	1	5	600	0.25	FR105
FR106	DO-41	800	1	30	1.3	1	5	800	0.5	FR106
FR107	DO-41	1000	1	30	1.3	1	5	1000	0.5	FR107
FR101GP	DO-41	50	1	30	1.3	1	5	50	0.15	FR101GP
FR102GP	DO-41	100	1	30	1.3	1	5	100	0.15	FR102GP
FR103GP	DO-41	200	1	30	1.3	1	5	200	0.15	FR103GP
FR104GP	DO-41	400	1	30	1.3	1	5	400	0.15	FR104GP
FR105GP	DO-41	600	1	30	1.3	1	5	600	0.25	FR105GP
FR106GP	DO-41	800	1	30	1.3	1	5	800	0.5	FR106GP
FR107GP	DO-41	1000	1	30	1.3	1	5	1000	0.5	FR107GP
FR151S	DO-41	50	1.5	50	1.3	1.5	5	50	0.15	FR151S
FR152S	DO-41	100	1.5	50	1.3	1.5	5	100	0.15	FR152S
FR153S	DO-41	200	1.5	50	1.3	1.5	5	200	0.15	FR153S



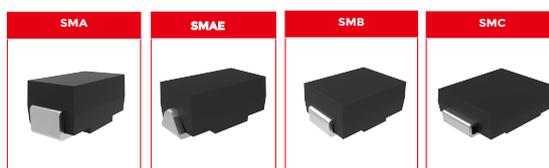
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		$V_{RWM}$ (V)	$I_o$ (A)	$I_{FSM}$ (A)	$V_F$ (V)	$I_F$ (A)	$I_R$ ( $\mu$ A)	$V_R$ (V)	$T_{RR}$ ( $\mu$ s)	
FR154S	DO-41	400	1.5	50	1.3	1.5	5	400	0.15	FR154S
FR155S	DO-41	600	1.5	50	1.3	1.5	5	600	0.25	FR155S
FR156S	DO-41	800	1.5	50	1.3	1.5	5	800	0.5	FR156S
FR157S	DO-41	1000	1.5	50	1.3	1.5	5	1000	0.5	FR157S
FRA801GF	ITO-220AC	50	8	150	1.3	8	5	50	0.15	FRA801GF
FRA802GF	ITO-220AC	100	8	150	1.3	8	5	100	0.15	FRA802GF
FRA803GF	ITO-220AC	200	8	150	1.3	8	5	200	0.15	FRA803GF
FRA804GF	ITO-220AC	400	8	150	1.3	8	5	400	0.15	FRA804GF
FRA805GF	ITO-220AC	600	8	150	1.3	8	5	600	0.25	FRA805GF
FRA806GF	ITO-220AC	800	8	150	1.3	8	5	800	0.5	FRA806GF
FRA807GF	ITO-220AC	1000	8	150	1.3	8	5	1000	0.5	FRA807GF
PB62F	PB-6	200	6	150	1.3	3	10	200	0.2	PB62F
1F1	R-1	50	1	30	1.3	1	5	50	0.15	-
1F2	R-1	100	1	30	1.3	1	5	100	0.15	-
1F3	R-1	200	1	30	1.3	1	5	200	0.15	-
1F4	R-1	400	1	30	1.3	1	5	400	0.15	-
1F5	R-1	600	1	30	1.3	1	5	600	0.25	-
1F6	R-1	800	1	30	1.3	1	5	800	0.5	-
1F7	R-1	1000	1	30	1.3	1	5	1000	0.5	-
1F1G	R-1	50	1	30	1.3	1	5	50	0.15	-
1F2G	R-1	100	1	30	1.3	1	5	100	0.15	-
1F3G	R-1	200	1	30	1.3	1	5	200	0.15	-
1F4G	R-1	400	1	30	1.3	1	5	400	0.15	-
1F5G	R-1	600	1	30	1.3	1	5	600	0.25	-
1F6G	R-1	800	1	30	1.3	1	5	800	0.5	-
1F7G	R-1	1000	1	30	1.3	1	5	1000	0.5	-
FR1001	R-6	50	10	300	1.3	10	10	50	0.15	FR1001
FR1002	R-6	100	10	300	1.3	10	10	100	0.15	FR1002
FR1003	R-6	200	10	300	1.3	10	10	200	0.15	FR1003
FR1004	R-6	400	10	300	1.3	10	10	400	0.15	FR1004
FR1005	R-6	600	10	300	1.3	10	10	600	0.25	FR1005
FR1006	R-6	800	10	300	1.3	10	10	800	0.5	FR1006
FR1007	R-6	1000	10	300	1.3	10	10	1000	0.5	FR1007
FR1001GP	R-6	50	10	250	1.3	10	5	50	0.15	FR1001GP
FR1002GP	R-6	100	10	250	1.3	10	5	100	0.15	FR1002GP
FR1003GP	R-6	200	10	250	1.3	10	5	200	0.15	FR1003GP
FR1004GP	R-6	400	10	250	1.3	10	5	400	0.15	FR1004GP
FR1005GP	R-6	600	10	250	1.3	10	5	600	0.25	FR1005GP
FR1006GP	R-6	800	10	250	1.3	10	5	800	0.5	FR1006GP
FR1007GP	R-6	1000	10	250	1.3	10	5	1000	0.5	FR1007GP
FR601	R-6	50	6	300	1.3	6	10	50	0.15	FR601
FR602	R-6	100	6	300	1.3	6	10	100	0.15	FR602
FR603	R-6	200	6	300	1.3	6	10	200	0.15	FR603
FR604	R-6	400	6	300	1.3	6	10	400	0.15	FR604
FR605	R-6	600	6	300	1.3	6	10	600	0.25	FR605
FR606	R-6	800	6	300	1.3	6	10	800	0.5	FR606
FR607	R-6	1000	6	300	1.3	6	10	1000	0.5	FR607
FR601GP	R-6	50	6	200	1.3	6	10	50	0.15	FR601GP
FR602GP	R-6	100	6	200	1.3	6	10	100	0.15	FR602GP
FR603GP	R-6	200	6	200	1.3	6	10	200	0.15	FR603GP
FR604GP	R-6	400	6	200	1.3	6	10	400	0.15	FR604GP
FR605GP	R-6	600	6	200	1.3	6	10	600	0.25	FR605GP
FR606GP	R-6	800	6	200	1.3	6	10	800	0.5	FR606GP
FR607GP	R-6	1000	6	200	1.3	6	10	1000	0.5	FR607GP



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		$V_{RWM}$ (V)	$I_o$ (A)	$I_{FSM}$ (A)	$V_F$ (V)	$I_F$ (A)	$I_R$ (uA)	$V_R$ (V)	$T_{RR}$ (μs)	
FS1A-L	SMA	50	1	30	1.3	1	5	50	0.15	FS1A
FS1B-L	SMA	100	1	30	1.3	1	5	100	0.15	FS1B
FS1D-L	SMA	200	1	30	1.3	1	5	200	0.15	FS1D
FS1G-L	SMA	400	1	30	1.3	1	5	400	0.15	FS1G
FS1J-L	SMA	600	1	30	1.3	1	5	600	0.25	FS1J
FS1K-L	SMA	800	1	30	1.3	1	5	800	0.5	FS1K
FS1M-L	SMA	1000	1	30	1.3	1	5	1000	0.5	FS1M
FS2A-L	SMA	50	2	50	1.3	2	5	50	0.15	FS2A
FS2B-L	SMA	100	2	50	1.3	2	5	100	0.15	FS2B
FS2D-L	SMA	200	2	50	1.3	2	5	200	0.15	FS2D
FS2G-L	SMA	400	2	50	1.3	2	5	400	0.15	FS2G
FS2J-L	SMA	600	2	50	1.3	2	5	600	0.25	FS2J
FS2K-L	SMA	800	2	50	1.3	2	5	800	0.5	FS2K
FS2M-L	SMA	1000	2	50	1.3	2	5	1000	0.5	FS2M
SM4933A	SMA	50	1	30	1.3	1	5	50	0.2	4933
SM4934A	SMA	100	1	30	1.3	1	5	100	0.2	4934
SM4935A	SMA	200	1	30	1.3	1	5	200	0.2	4935
SM4936A	SMA	400	1	30	1.3	1	5	400	0.2	4936
SM4937A	SMA	600	1	30	1.3	1	5	600	0.2	4937
FS1AE	SMAE	50	1	30	1.3	1	5	50	0.15	FS1A
FS1BE	SMAE	100	1	30	1.3	1	5	100	0.15	FS1B
FS1DE	SMAE	200	1	30	1.3	1	5	200	0.15	FS1D
FS1GE	SMAE	400	1	30	1.3	1	5	400	0.15	FS1G
FS1JE	SMAE	600	1	30	1.3	1	5	600	0.25	FS1J
FS1KE	SMAE	800	1	30	1.3	1	5	800	0.5	FS1K
FS1ME	SMAE	1000	1	30	1.3	1	5	1000	0.5	FS1M
RA157E	SMAE	400	1	35	1.3	1	5	400	0.15	RA157
RA158E	SMAE	600	1	35	1.3	1	5	600	0.15	RA158
RA159E	SMAE	1000	1	35	1.3	1	5	1000	0.25	RA159
FR1A-L	SMB	50	1	30	1.3	1	5	50	0.15	FR1A
FR1B-L	SMB	100	1	30	1.3	1	5	100	0.15	FR1B
FR1D-L	SMB	200	1	30	1.3	1	5	200	0.15	FR1D
FR1G-L	SMB	400	1	30	1.3	1	5	400	0.15	FR1G
FR1J-L	SMB	600	1	30	1.3	1	5	600	0.25	FR1J
FR1K-L	SMB	800	1	30	1.3	1	5	800	0.5	FR1K
FR1M-L	SMB	1000	1	30	1.3	1	5	1000	0.5	FR1M
FR2A-L	SMB	50	2	50	1.3	2	5	50	0.15	FR2A
FR2B-L	SMB	100	2	50	1.3	2	5	100	0.15	FR2B
FR2D-L	SMB	200	2	50	1.3	2	5	200	0.15	FR2D
FR2G-L	SMB	400	2	50	1.3	2	5	400	0.15	FR2G
FR2J-L	SMB	600	2	50	1.3	2	5	600	0.25	FR2J
FR2K-L	SMB	800	2	50	1.3	2	5	800	0.5	FR2K
FR2M-L	SMB	1000	2	50	1.3	2	5	1000	0.5	FR2M
FR3AB	SMB	50	3	100	1.3	3	10	50	0.15	FR3AB
FR3BB	SMB	100	3	100	1.3	3	10	100	0.15	FR3BB
FR3DB	SMB	200	3	100	1.3	3	10	200	0.15	FR3DB
FR3GB	SMB	400	3	100	1.3	3	10	400	0.15	FR3GB
FR3JB	SMB	600	3	100	1.3	3	10	600	0.25	FR3JB
FR3KB	SMB	800	3	100	1.3	3	10	800	0.5	FR3KB
FR3MB	SMB	1000	3	100	1.3	3	10	1000	0.5	FR3MB
FR3A	SMC	50	3	100	1.3	3	10	50	0.15	FR3A
FR3B	SMC	100	3	100	1.3	3	10	100	0.15	FR3B
FR3D	SMC	200	3	100	1.3	3	10	200	0.15	FR3D
FR3G	SMC	400	3	100	1.3	3	10	400	0.15	FR3G



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		$V_{RWM}$ (V)	$I_o$ (A)	$I_{FSM}$ (A)	$V_F$ (V)	$I_F$ (A)	$I_R$ (uA)	$V_R$ (V)	$T_{RR}$ (μs)	
FR3J	SMC	600	3	100	1.3	3	10	600	0.25	FR3J
FR3K	SMC	800	3	100	1.3	3	10	800	0.5	FR3K
FR3M	SMC	1000	3	100	1.3	3	10	1000	0.5	FR3M
FSM11PL	SOD-123FL	50	1	30	1.3	1	5	50	0.15	F1
FSM12PL	SOD-123FL	100	1	30	1.3	1	5	100	0.15	F2
FSM13PL	SOD-123FL	200	1	30	1.3	1	5	200	0.15	F3
FSM14PL	SOD-123FL	400	1	30	1.3	1	5	400	0.15	F4
FSM15PL	SOD-123FL	600	1	30	1.3	1	5	600	0.25	F5
FSM16PL	SOD-123FL	800	1	30	1.3	1	5	800	0.5	F6
FSM17PL	SOD-123FL	1000	1	30	1.3	1	5	1000	0.5	F7

