

POWER SCHOTTKY DIODES

SCHOTTKY BARRIER DIODES

Type No.	Absolute Maximum Ratings (T _A =25°C)						
	V _{RM} (V)	I _O (A) with Fin	I _{FSM} (A)	V _F		I _R (mA) Max.	t _{rr} (ns)
				Max. @ I _C (V)	(A)		
SFPB-52	20	1.0	30	0.47	1.0	0.25	50
SFPB-62	20	2.0			2.0	0.5	
SFPB-72	20	3.0	60		3.0	1.0	
RK42	20	3.0	100	0.47	3.0	1.0	100
FMB-G12L	20	5.0	100		5.0	2.0	
FMB-G22H	20	10	200	0.47	10	5.0	100
AK03	30	1.0	25	0.55	1.0	1.0	100
EK03	30	1.0	40	0.55	1.5	5.0	200
EK13	30	1.5	40	0.55	2.0	5.0	200
RK13	30	1.7	60	0.55	2.0	5.0	200
RK33	30	2.5	50	0.55	2.5	5.0	100
RK43	30	3.0	80	0.55	3.0	5.0	100
SFPB-54	40	1.0	30	0.55	1.0		50
SFPB-64	40	1.5			2.0	1.0	
SFPB-74	40	2.0	60		2.0	5.0	
AK04	40	1.0	25	0.55	1.0	1.0	100
EK04	40	1.0	40	0.55	1.5	5.0	200
EK14	40	1.5	40	0.55	2.0	5.0	200
RK14	40	1.7	60	0.55	2.0	5.0	200
RK34	40	2.5	50	0.55	2.5	5.0	100
RK44	40	3.0	80	0.55	3.0	5.0	100
FMB-G14L	40	5.0	60	0.55	5.0	5.0	
FMB-G24H	40	10	150		10	10	100
SFPB-56	60	0.7	10		0.7	1.0	100
SFPB-76	60	2.0	40	0.62	2.0	2.0	20
AK06	60	0.7	10	0.62	0.7	1.0	100
EK06	60	0.7	10	0.62	0.7	1.0	100
EK16	60	1.5	25	0.62	1.5	1.0	100
RK16	60	1.5	25	0.62	1.5	1.0	100
RK36	60	2.0	40	0.62	2.0	2.0	100
RK46	60	3.5	70	0.62	3.5	3.0	100
SFPB-59	90	0.7	10	0.81	0.7	1.0	100
AK09	90	0.7	10	0.81	0.7	1.0	100
EK09	90	0.7	10	0.81	0.7	1.0	100
EK19	90	1.5	40	0.81	1.5	2.0	100
RK19	90	1.5	40	0.81	1.5	2.0	100
RK39	90	2.0	50	0.81	2.0	3.0	100
RK49	90	3.5	60	0.81	3.5	5.0	100

SCHOTTKY BARRIER DIODES (CENTER-TAP TYPE)

Type No.	Absolute Maximum Ratings ($T_A=25^{\circ}\text{C}$)					
	V_{RM} (V)	I_O (A) with Fin	I_{FSM} (A)	V_F Max. @ I_F		t_{rr} (ns)
				(V)	(A)	
FFMB-22L	20	10	100	0.47	5.0	2.0
FFMB-22H	20	15	150		7.5	3.0
FMB-32	20	20	200		10	5.0
FMB-32M	20	30	300		15	10
FMB-24	40	4.0	50	0.55	2.0	5.0
FMB-24M	40	6.0	60	0.55	3.0	5.0
FMB-24H	40	15	100		7.5	7.5
FMB-24L	40	10	60		5.0	5.0
FMB-34S	40	12	75		6.0	5.0
FMB-34	40	15	150	0.55	7.5	10
FMB-34M	40	30	300		15	20
CTB-24	40	4.0	60	0.55	2.0	5.0
CTB-24L	40	10			5.0	5.0
CTB-34	40	15	150	0.55	10	10
CTB-34M	40	30	300		15	20
FMB-26	60	4.0	40	0.62	2.0	1.0
FMB-26L	60	10	50		5.0	2.5
FMB-36	60	15	75		7.5	5.0
FMB-36M	60	30	150		1.5	10
FMB-29	90	4.0	50	0.81	2.0	3.0
FMB-29L	90	8.0	60		4.0	5.0
FMB-39	90	15	100		7.5	10
FMB-39M	90	20	150		10	15

SCHOTTKY BARRIER DIODES (BRIDGE TYPE)

Type No.	Absolute Maximum Ratings ($T_A=25^{\circ}\text{C}$)					
	V_{RM} (V)	I_O (A) with Fin	I_{FSM} (A)	V_F Max. @ I_F		t_{rr} (ns)
				(V)	(A)	
RBA-406B	60	4.0	40	0.62	2.0	2.0