

INDEX

Schottky Barrier Rectifiers.....	01~04
----------------------------------	-------

▶ Schottky Barrier Rectifiers

Package Types	Part No.	Electrical Characteristics(Rating at 25°C Ambient Temperature)					
		Working Peak Reverse Voltage-VRWM(V)	Average Forward Current-IO(A)	Peak Forward Surge Current@8.3ms-IFSM(A)	Max. Forward Voltage Per Element-VF(V)	At Rated Forward Current-IF(A)	Max.DC Reverse Current at Rated DC Blocking Voltage -IRMAX(mA)
 0201	RB520S-30DP <small>*NEW*</small>	30	0.1	0.5	0.45	0.01	0.02
	RB521S-30DP <small>*NEW*</small>	30	0.1	0.5	0.38	0.01	0.05
	RB751S-40DP <small>*NEW*</small>	40	0.03	0.2	0.37	0.001	0.0005
 0201-B	RB520S-30EP <small>*NEW*</small>	30	0.1	0.5	0.45	0.01	0.02
 DFN1006-2L	BAT54L2 <small>*NEW*</small>	30	0.2	0.6	0.24	0.0001	0.002
 FBP-02L	B5819XP <small>*NEW*</small>	40	1.0	5	0.55	0.7	0.05
 SOD-882	RB751S-40LP	40	0.03	0.15	0.37	0.001	0.0005
	RB520S-30LP	30	0.1	0.5	0.45	0.01	0.0005
	RB521S-30LP	30	0.1	1	0.35	0.01	0.01
	BAT54LP	30	0.1	0.6	0.24	0.0001	0.002
	BAS40LP	40	0.12	0.2	0.38	0.001	0.01
	BAS70LP	70	0.07	0.1	0.41	0.001	0.1
 MBS-1	MB12S~MB110S	20~100	1.0	30	0.50~0.85	1	0.5
	MB22S~MB210S	20~100	2.0	50	0.50~0.85	2	0.5
 SOD-123FL	SM5817PL~SM5819PL	20~40	1.0	30	0.45~0.60	1	0.1
	SMD15PL~SMD1200PL	50~200	1.0	30	0.7~0.95	1	0.5
	SMD22PL~SMD210PL	20~100	2.0	50	0.50~0.85	2	0.5
	SMD2150PL~SMD220PL	150~200	2.0	50	0.9	2	0.5
	SL14PL~SL110PL	40~100	1.0	28	0.4~0.6	1	0.5
	SL22PL <small>*LOW VF*</small>	20	2.0	40	0.42	2	1
	SL24PL~SL210PL <small>*LOW VF*</small>	40~100	2.0	50	0.47~0.72	2	0.5
 SOD-123	MBR0520~MBR0580	20~80	0.5	5.5	0.45~0.80	0.5	0.2
	MBR0520L~MBR0540L <small>*LOW VF*</small>	20~40	0.5	5.5	0.385~0.62	0.5	0.02
	MBRX120LF <small>*LOW VF*</small>	14	1	12	0.36	1	1
	B0540W	40	0.5	5.5	0.55	0.5	0.08

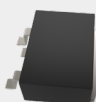
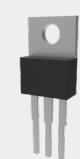
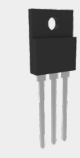


► Schottky Barrier Rectifiers

Package Types	Part No.	Electrical Characteristics (Rating at 25°C Ambient Temperature)					
		Working Peak Reverse Voltage-VRWM(V)	Average Forward Current-IO(A)	Peak Forward Surge Current@8.3ms-IFSM(A)	Max. Forward Voltage Per Element-VF(V)	At Rated Forward Current-IF(A)	Max. DC Reverse Current at Rated DC Blocking Voltage-IRMAX(mA)
 SOD-323	B0530WS	30	0.5	5	0.55	0.5	0.3
	B0560WS <small>*NEW*</small>	60	0.5	5	0.70	0.5	0.1
	B5817WS~B5819WS	20~40	1.0	10	0.45~0.60	1	1
	BSR106WS	60	1.0	10	0.7	1	0.1
	BAT46WS	100	0.15	0.75	1	0.25	0.002
	RB551V-40	40	0.5	2	0.47	0.5	0.1
 SOD-523	RB521S-40	40	0.2	1	0.54	0.2	0.09
 SOT-23	BAT64-04	40	0.25	0.8	0.75	0.1	0.002
	BAT64-05	40	0.25	0.8	0.75	0.1	0.002
	BAT64-06	40	0.25	0.8	0.75	0.1	0.002
 SOT-723	BAT54M	30	0.2	0.6	1	0.1	0.002
 DO-221AC	SS12FL~SS110FL <small>*NEW*</small>	20~100	1	30	0.5~0.85	1	0.5
	SK32AFL~SK310AFL <small>*NEW*</small>	20~100	3	80	0.5~0.85	3	0.5
	SK52AFL~SK5200AFL <small>*NEW*</small>	20~200	5	100	0.55~0.9	5	0.2~0.5
 TO-277	MBR10U45L <small>*NEW*</small>	45	10	275	0.47	10	0.5
	MBR10U60 <small>*NEW*</small>	60	10	275	0.5	10	0.5
	MBR12U100L <small>*NEW*</small>	100	12	180	0.6	12	0.5
	MBR15U60 <small>*NEW*</small>	60	15	300	0.5	15	0.5
 TO-277B	MBR860ULPS <small>*LOW VF*</small>	60	8	275	0.53	8	0.6
	MBR1045LPS <small>*LOW VF*</small>	45	10	275	0.47	10	0.5
	MBR1045ULPS <small>*LOW VF*</small>	45	10	275	0.47	10	0.25
	MBR10200UPS <small>*LOW VF*</small>	200	10	180	0.82	5	0.1
	MBR1550LPS <small>*LOW VF*</small>	50	15	260	0.55	15	0.5
	MBR1550ULPS <small>*LOW VF*</small>	50	15	320	0.47	15	0.3

▶ Schottky Barrier Rectifiers

Package Types	Part No.	Electrical Characteristics(Rating at 25°C Ambient Temperature)					
		Working Peak Reverse Voltage-VRWM(V)	Average Forward Current-IO(A)	Peak Forward Surge Current@8.3ms-IFSM(A)	Max. Forward Voltage Per Element-VF(V)	At Rated Forward Current-IF(A)	Max.DC Reverse Current at Rated DC Blocking Voltage -IRMAX(mA)
 SMA	SS12-L~SS110-L	20~100	1	30	0.50~0.85	1	0.5
	SS1150-L~SS1200-L	150~200	1	30	0.9~0.92	1	0.05
	SS22-L~SS220-L	20~200	2	50	0.55~0.9	2	0.5
	SK32A-L~SK310A-L	20~100	3	80	0.50~0.85	3	0.5
	SK52A-L~SK510A-L	20~100	5	100	0.55~0.85	5	1
	SL14A~SL110A *LOW VF*	40~100	1	28	0.4~0.6	1	0.5
	SL34A~SL310A *LOW VF*	40~100	3	60	0.45~0.6	3	0.5
	SK3200A-L	200	3	80	0.86	3	0.05
 SMAE	SS12E~SS110E	20~100	1	30	0.6~0.85	1	0.5
 SMB	SK12-L~SK110-L	20~100	1	30	0.50~0.85	1	0.5
	SK22-L~SK220-L	20~200	2	50	0.50~0.9	2	0.5~2
	SK32B-L~SK3200B-L	20~200	3	100	0.50~0.86	3	0.5
	SK42BL~SK44BL *LOW VF*	20~40	4	100	0.45	4	0.5
	SK52B-L~SK520B-L	20~200	5	100	0.55~0.90	5	1.0
 SMC	SK32~SK310	20~100	3	100	0.50~0.85	3	0.5
	SK3200	200	3	100	0.86	3	0.5
	SK4200L	200	4	100	0.86	4	0.5
	SK52L~SK510L	20~100	5	100	0.55~0.85	5	1
	SK62L~SK610L	20~100	6	150	0.65~0.85	6	1
	SK82L~SK810L	20~100	8	200	0.65~0.80	8	1
	SK1045-L	45	10	250	0.55	10	0.5
	SK5150L~SK5200L	150~200	5	150	0.87~0.90	5	1
	SL54~SL510 *LOW VF*	40~100	5	100	0.45~0.7	5	0.5
 DPAK	MBRD6100CT	100	6	78	0.74	3	0.2
	MBRD1020CT~MBRD10100CT	20~100	10	150	0.65~0.85	5	0.5
	MBRD10150CT~MBRD10200CT	150~200	10	100	0.92	5	0.05

► Schottky Barrier Rectifiers

Package Types	Part No.	Electrical Characteristics (Rating at 25°C Ambient Temperature)					
		Working Peak Reverse Voltage-VRWM(V)	Average Forward Current-IO(A)	Peak Forward Surge Current@ 8.3ms-IFSM(A)	Max. Forward Voltage Per Element-VF(V)	At Rated Forward Current-IF(A)	Max. DC Reverse Current at Rated DC Blocking Voltage-IRMAX(mA)
 D ² -PAK	MBRB820-MBRB8100	20~100	8	150	0.55~0.85	8	0.5
	MBRB1030CT-MBRB1060CT	30~60	10	125/Per Diode	0.55	5	0.5
	MBRB10200CT	200	10	150/Per Diode	0.98	5	0.05
	MBRB1520CT-MBRB15100CT	20~100	15	150/Per Diode	0.75~0.92	7.5	0.1~1
	MBRB1620CT-MBRB1660CT	20~60	16	150/Per Diode	0.70~0.80	8	0.1
	MBRB2020CT-MBRB20200CT	20~200	20	150/Per Diode	0.80~0.95	10	0.05~0.15
	MBRB2520CT-MBRB2560CT	20~60	30	150/Per Diode	0.75	15	0.2
	MBRB3030CT-MBRB30100CT	30~100	30	250/Per Diode	0.55~0.85	15	0.5~1
 TO-220AB	MBR1030CT-MBR1060CT	30~60	10	125/Per Diode	0.70~0.80	5	0.1
	MBR1080CT-MBR10150CT	80~150	10	120/Per Diode	0.85~0.92	5	0.05~0.2
	MBR10200CT	200	10	150/Per Diode	0.90	5	0.1
	MBR1520CT-MBR15100CT	20~100	15	150/Per Diode	0.84~0.95	15	0.1~1
	MBR1620CT-MBR16100CT	20~100	16	125/Per Diode	0.70~0.85	8	0.1
	MBR2020CT-MBR20200CT	20~200	20	150/Per Diode	0.70~0.95	10	0.05~0.15
	MBR2520CT-MBR2560CT	20~60	25	150/Per Diode	0.75~0.82	15	0.2~1
	MBR3030CT-MBR30200CT	30~200	30	200/Per Diode	0.70~0.95	15	0.1~0.2
	MBRL1045CT-MBRL10150CT <small>*LOW VF*</small>	45~150	10	120/Per Diode	0.52~0.85	5	0.1~0.2
	MBRL2045CT <small>*LOW VF*</small>	45	20	150/Per Diode	0.52	10	0.2
MBRL20100CT-MBR20150CT <small>*LOW VF*</small>	100~150	20	200/Per Diode	0.7~0.85	10	0.1	
 ITO-220AB	MBR1020FCT-MBR10100FCT	20~100	10	120	0.7~0.85	5	0.1
	MBR10150FCT	150	10	120	0.92	5	0.05
	MBR10200FCT	200	10	125	0.92	5	0.5
	MBR1620FCT-MBR16100FCT	20~100	16	150	0.55~0.85	8	0.5
	MBR2020FCT-MBR20200FCT	20~200	20	150	0.7~0.95	10	0.025~0.1
	MBR2535FCT-MBR2560FCT	35~60	30	150	0.75~0.82	15~30	0.2~1
	MBR3020FCT-MBR30100FCT	20~100	30	250	0.6~0.85	15	0.5
	MBR30150FCT	150	30	260	0.9	15	0.005
	MBRL10100FCT-MBRL10150FCT <small>*LOW VF*</small>	100~150	10	120	0.72~0.9	5	0.1
	MBRL20100FCT-MBRL20150FCT <small>*LOW VF*</small>	100~150	20	200	0.72~0.9	10	0.1
MBR2020FCT-MBR20200FCT	20~200	20	150	0.7~0.95	10	0.025~0.1	
 TO-220AC	MBR545	45	5	150	0.6	5	0.1
	MBR720-MBR760	20~60	7.5	150	0.75~0.84	7.5~15	0.1~0.5
	MBR870-MBR8100	70~100	8	125	0.85	8	0.15
	MBR1020-MBR10150	20~150	10	150	0.84~0.95	10~20	0.1~0.5
	MBR1520-MBR15100	20~100	15	150	0.63~0.84	15	0.2
	MBR1620-MBR1660	20~60	16	150	0.63~0.75	16	0.2~1
 ITO-220AC	MBR1020F-MBR10100F	20~100	10	150	0.55~0.85	10	0.5
	MBR545F	45	5	80	0.55	5	1