

Diodes

- * Wide range of zeners
- * Schottky and switching diodes
- * Standard/fast recovery rectifiers
- * Power bridges

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Diodes

Pin Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Maximum Forward Voltage Drop Current		Diode Capacitance	Diode Forward Resistance
		P _D (mW)	I _R (uA)	V _R (V)	I _F (mA)	V _F (V)	C _D (pF)	R _D (Ω)
BAP50-03	SOD-323	200	0.1	50	50	1.1	0.91	40
BAP51-02	SOD-523	715	0.1	60	50	1.1	0.4	9
BAP64-04	SOT-23	250	10	175	100	1.1	0.52	40
BAP64-05	SOT-23	250	10	175	100	1.1	0.52	40
BAP64-06	SOT-23	250	10	175	100	1.1	0.52	40
BAP64-04W	SOT-323	200	10	175	100	1.1	0.52	20
BAP64-05W	SOT-323	200	10	175	100	1.1	0.52	20
BAP64-06W	SOT-323	200	10	175	100	1.1	0.52	20

150mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZX584B2V4~BZX584B39	SOD-523	0.15	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
↻ BZX584B3V6HE3~BZX584B36HE3	SOD-523	0.15	0.0001~0.005	1.0~25.2	3.6~36	2.0~5.0	10~90	80~600	0.5~1.0
BZX584C2V4~BZX584C39	SOD-523	0.15	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
↻ BZX584C2V4HE3~BZX584C39HE3	SOD-523	0.15	0.0001~0.050	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0

200mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52B3V0JS~BZT52B75JS	SOD-323	0.20	0.000045~0.009	1.0~56	3.0~75	2.5~5.0	10~250	80~1000	0.5~1.0
↻ BZT52B3V6JSHE3~BZT52B47JSHE3	SOD-323	0.20	0.000045~0.0045	1.0~33.0	3.6~47	5.0	10~160	80~564	0.5~1.0
BZT52C2V4LS~BZT52C39LS	SOD-323	0.20	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
BZT52C2V4S~BZT52C56S	SOD-323	0.20	0.00005~0.05	1.0~39.2	2.4~56	2.0~5.0	10~200	80~750	0.5~1.0
MMXZ5223B~MMXZ5259B	SOD-323	0.20	0.0001~0.075	1.0~30	2.7~39	3.2~20	5.0~80	500~2000	0.25
MMXZ5229C~MMXZ5262C	SOD-323	0.20	0.0001~0.005	1.0~39	4.3~51	2.5~20	5~125	500~2000	0.25
BZT52B2V4LS~BZT52B75LS	SOD-323FL	0.20	0.0001~0.12	1.0~56	2.53~75	5.0	30~300	60~1700	0.25~1.0
BZT52B2V4T~BZT52B39T	SOD-523	0.20	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
BZT52C2V4T~BZT52C39T	SOD-523	0.20	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
AZ23C2V7W~AZ23C39W	SOT-323	0.20	0.0001	0.8~29	2.7~39	5.0	7~95	50~500	1.0
BZX84C2V4W~BZX84C39W	SOT-323	0.20	0.0001~0.05	1.0~27.3	2.4~39	5.0	10~130	80~600	1.0
MMBZ5221BW~MMBZ5259BW	SOT-323	0.20	0.0001~0.1	1.0~30	2.4~39	3.2~20	5~80	500~2000	0.3

250mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52C2V4L3P~BZT52C39L3P	DFN1006-2L	0.25	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
BZX984B4V7	SOD-923	0.25	0.003	2	4.7	5	80	500	1

Diodes

300mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52C2V4SHE3~BZT52C47SHE3	SOD-323	0.30	0.0001~0.050	1.0~35.0	2.4~47	2.0~5.0	10~130	80~750	0.5~1.0
AZ23C2V7~AZ23C51	SOT-23	0.30	0.0001	0.8~38	2.7~51	5.0	7~100	50~750	1
DZ23C2V4~DZ23C75	SOT-23	0.30	0.0001~0.1	0.8~56	2.4~75	5.0	7~250	80~1000	1
DZ23C2V4HE3~DZ23C47HE3	SOT-23	0.30	0.0001~0.1	0.8~35	2.4~47	5.0	7~100	80~750	1

350mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52B5V1LS	SOD-323FL	0.35	0.002	1	5.1	5	80	500	1
BZX84B2V4~BZX84B75	SOT-23	0.35	0.00005~0.05	1.0~52.5	2.4~75	2~5	10~255	80~750	0.5~1.0
BZX84C2V4~BZX84C75	SOT-23	0.35	0.00005~0.05	1.0~52.5	2.4~75	2~5	10~255	80~600	0.5~1.0
BZX84B4V3HE3~BZX84B36HE3	SOT-23	0.35	0.0001~0.003	1.0~25.2	4.3~36	2.0~5.0	10~90	80~600	0.5~1.0
BZX84C2V4HE3~BZX84C47HE3	SOT-23	0.35	0.0001~0.050	1.0~32.9	2.4~47	2.0~5.0	10~170	80~600	0.5~1
MMBZ5221B~MMBZ5259B	SOT-23	0.35	0.0001~0.1	1.0~30	2.4~39	3.2~20	5~80	500~2000	0.25
MMBZ5229C~MMBZ5262C	SOT-23	0.35	0.0001~0.005	1.0~39	4.3~51	2.5~20	5~125	500~2000	0.25

400mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52B3V0B5~BZT52B51B5	SOD-323	0.40	0.000045~0.009	1.0~35.7	3.0~51	2.0~5.0	10~169	80~564	0.5~1.0

500mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52B2V4~BZT52B75	SOD-123	0.50	0.0001~0.1	0.8~56	2.4~75	2.0~5.0	7~250	80~1000	1
✎ BZT52B3V6HE3~BZT52B47HE3	SOD-123	0.50	0.0001~0.015	1.0~35.0	3.6~47	2.0~5.0	7.0~100	80~600	1
BZT52C2V4~BZT52C75	SOD-123	0.50	0.0001~0.05	1.0~56	2.4~75	2~5	10~250	80~1000	0.5~1.0
✎ BZT52C2V4HE3~BZT52C47HE3	SOD-123	0.50	0.0001~0.050	1.0~35.0	2.4~47	2.0~5.0	10~130	80~750	0.5~1.0
MMSZ4678~MMSZ4716	SOD-123	0.50	0.00001~0.01	1.0~29.6	1.8~39	0.05	-	-	-
MMSZ5221B~MMSZ5267B	SOD-123	0.50	0.0001~0.1	1.0~56	2.4~75	1.7~20	5~270	500~2000	0.25
MMSZ5229C~MMSZ5261C	SOD-123	0.50	0.0001~0.005	1.0~36	4.3~47	2.7~20	5~105	500~2000	0.25
✎ MMSZ5221BHE3~MMSZ5261BHE3	SOD-123	0.50	0.0001~0.1	1.0~36	2.4~47	2.7~20	5~105	500~2000	0.25

1.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
1EZ110D5~1EZ330D5	DO-41	1.00	0.0001	83.6~250.2	110~330	0.7~2.3	450~2500	4000~9500	0.25
1EZ6.2D5~1EZ39D5	DO-41	1.00	0.005~0.01	3.0~29.7	6.2~39	6.4~40.3	2~60	700~1000	0.25~1.0
1N4736AP~1N4764AP	DO-41	1.00	0.005~0.01	4.0~76	6.8~100	2.5~37	3.5~350	700~3000	0.25~1.0
✎ SMA1EZ110D5HE3~SMA1EZ330D5HE3	SMA	1.00	0.0001	83.6~250.2	110~330	0.7~2.3	450~2500	4000~9500	0.25
SMAJ4733A~SMAJ4764A	SMA	1.00	0.005~0.01	1.0~76	5.1~100	2.5~49	2.0~350	550~3000	0.25~1.0
SMAJ4740AHE3~SMAJ4764AHE3	SMA	1.00	0.0001~0.0005	7.6~76	10~100	2.5~25	7.0~350	700~3000	0.25
✎ SMAZ10HE3~SMAZ39HE3	SMA	1.00	0.0005~0.001	7.6~29.6	10~39	10~50	4.0~40	150~450	1
SMAZ5V1~SMAZ39	SMA	1.00	0.0005~0.005	1.0~29.6	5.1~39	10~100	2.0~40	150~500	1.0~2.0
DFLZ110	SOD-123FL	1.00	0.0001	84	110	2.3	450	4000	0.25
DFLZ180~DFLZ200	SOD-123FL	1.00	0.001	130~150	180~200	5	180~200	-	-
DFLZ5V1~DFLZ100	SOD-123FL	1.00	0.0001~0.01	1.0~76	5.1~100	2.5~100	2~350	-	-
BZV49C3V3	SOT-89	1.00	0.001	1	3.3	5	95	600	1

1.5W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
1N5920BP~1N5956BP	DO-41	1.50	0.001~0.005	4.0~152	6.2~200	1.9~60.5	2~1200	200~8000	0.25~1.0
SMAJ5918B~SMAJ5956B	SMA	1.50	0.001~0.005	2.0~152	5.1~200	1.9~73.5	2.0~1200	200~8000	0.25~1.0
✎ SMAJ5925BHE3~SMAJ5956BHE3	SMA	1.50	0.001~0.005	8.0~152	10~200	1.9~37.5	4.5~1200	500~8000	0.25
SMBJ5918B~SMBJ5956B	SMB	1.50	0.001~0.005	2.0~152	5.1~200	1.9~73.5	2.0~1200	200~8000	0.25~1.0

Diodes

2.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
2EZ5.1D5~2EZ75D5	DO-41	2.00	0.0005~0.005	1.0~56	5.1~75	6.7~98	1.5~90	500~2000	0.25~1.0
☞ SMA2EZ10D5HE3~SMA2EZ75D5HE3	SMA	2.00	0.0005~0.003	7.6~56	10~75	6.7~50	3.5~90	700~2000	0.25
☞ SMB2EZ10D5HE3~SMB2EZ75D5HE3	SMB	2.00	0.0005~0.003	7.6~56	10~75	6.7~50	3.5~90	700~2000	0.25

3.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
3EZ5.1D5~3EZ75D5	DO-15	3.00	0.0005~0.005	1.0~56	5.1~75	10~147	1.5~85	550~2000	0.25~1.0
1N5918B3P~1N5956B3P	DO-41	3.00	0.001~0.005	2.0~152	5.1~200	1.9~73.5	2~1200	200~8000	0.25~1.0
3SMAJ5918B~3SMAJ5956B	SMA	3.00	0.001~0.005	2.0~152	5.1~200	1.9~73.5	2.0~1200	200~8000	0.25~1.0
☞ 3SMAJ5925BHE3~3SMAJ5956BHE3	SMA	3.00	0.001~0.005	8.0~152	10~200	1.9~37.5	4.5~1200	500~8000	0.25
3SMBJ5918B~3SMBJ5956B	SMB	3.00	0.001~0.005	2.0~152	5.1~200	1.9~73.5	2.0~1200	200~8000	0.25~1.0
☞ 3SMBJ5925BHE3~3SMBJ5956BHE3	SMB	3.00	0.001~0.005	8.0~152	10~200	1.9~37.5	4.5~1200	500~8000	0.25

5.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
1N5338B~1N5388B	DO-15	5.00	0.0005~0.01	1.0~152	5.1~200	5.0~240	1.0~480	75~1850	1
SMBJ5338B~SMBJ5388B	SMB	5.00	0.0005~0.01	1.0~152	5.1~200	5.0~240	1.0~480	75~1850	1
☞ SMBJ5347BHE3~SMBJ5388BHE3	SMB	5.00	0.0005~0.005	7.6~152	10~200	5.0~125	2.0~480	75~1850	1

0.5A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
MB05S~MB10S	MBS-1	0.5	50~1000	35	1	5	0.4
MBL1S~MBL10S	MBLS-1	0.5	100~1000	35	1	10	0.4
RMB2S~RMB6S	MBS-1	0.5	200~600	30	1.25	5	0.4

1.0A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
DB101~DB107	DB-1	1	50~1000	30	1.1	10	1
DB101L~DB107L	DBL-1	1	50~1000	30	1.05	10	1
LMB12S~LMB110S	LMBS-1	1	20~100	30	0.55~0.85	100	0.5
LMB203SL~LMB207SL	LMBS-1	1	200~1000	60	0.95	5	2
LMB2S~LMB10S	LMBS-1	1	200~1000	30	0.95	5	0.4
SDB101L~SDB107L	SDBL-1	1	50~1000	30	1.1	10	1
SDB101~SDB107	SDB-1	1	50~1000	30	1.1	10	1
SLMB2S~SLMB6S	LMBS-1	1	200~600	30	0.95~1.7	10	0.5

1.5A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
DB151~DB157	DB-1	1.5	50~1000	50	1.1	10	1.5
DB151L~DB157L	DBL-1	1.5	50~1000	45	1.1	10	1.5
SDB151L~SDB157L	SDBL-1	1.5	50~1000	50	1.1	10	1.5
SDB151~SDB157	SDB-1	1.5	50~1000	50	1.1	5	1.5

Diodes

2.0A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
DB201~DB207	DB-1	2	50~1000	60	1.1	10	2
DB201L~DB207L	DBL-1	2	50~1000	60	1.1	10	2
FLMB207S	LMBS-1	2	1000	50	1.3	5	1
GBL2005~GBL210	GBL	2	50~1000	80	1.05	10	1
KBP2005G~KBP210G	GBP	2	50~1000	60	1.05	10	2
LMB203S~LMB207S	LMBS-1	2	200~1000	50	0.95	5	1
LMB24S~LMB210S	LMBS-1	2	40~100	50	0.5	500	1
SDB201L~SDB207L	SDBL-1	2	50~1000	60	1.1	5	2
SDB201~SDB207	SDB-1	2	50~1000	60	1.2	10	2
TBS20A~TBS20M	TBS	2	50~1000	75	1.1	5	2

3.0A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
KBP3005G~KBP310G	GBP	3	50~1000	80	1.1	10	2
LMB32S~LMB310S	LMBS-1	3	20~100	70	0.55	500	1.5
RTBS30M	TBS	3	1000	90	1.3	5	1.5
TBS30A~TBS30M	TBS	3	50~1000	95	0.95	5	1.5
TBS30KL	TBS	3	800	95	0.96	5	3
UD3KB05~UD3KB10	D3K	3	50~1000	90	1	10	1.5

4.0A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBL4005-BPC01~GBL410-BPC01	GBL	4	50~1000	150	1	5	2
GBU4A~GBU4M	GBU	4	50~1000	160	1	5	2
GBU4JL~GBU4KL	GBU	4	600~800	150	0.9	10	4
KBJ4005G~KBJ410G	KBJ	4	50~1000	150	1	5	2
KBJA4005~KBJA410	JB	4	50~1000	120	1.05	10	2
KBP4005G~KBP410G	GBP	4	50~1000	110	1.05	10	2
RS401GL~RS407GL	RS-4L	4	50~1000	200	1.1	5	4
RTBL406	TBL	4	600	100	1.3	5	2
TBL4005~TBL410	TBL	4	50~1000	120	0.95	5	2
UD4KB05~UD4KB100	D3K	4	50~1000	130	1	10	2

6.0A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJ6005~GBJ610	GBJ	6	50~1000	170	1	5	3
GBJA6005~GBJA610	JA	6	50~1000	135	1.1	10	3
GBL6005~GBL610	GBL	6	50~1000	135	1	5	3
GBU6A~GBU6M	GBU	6	50~1000	175	1	5	3
KBJ6005G~KBJ610G	KBJ	6	50~1000	170	1	5	3
KBJA6005~KBJA610	JB	6	50~1000	135	1.05	10	3
PB605~PB610	PB-6	6	50~1000	150	1	10	3
RS601~RS607	RS-6	6	50~1000	200	1.1	10	3
RTBL610	TBL	6	1000	150	1.3	5	3
TBL6005~TBL610	TBL	6	50~1000	150	0.95	5	3
UD6KB05~UD6KB100	D3K	6	50~1000	170	1	10	3

8.0A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJ8005~GBJ810	GBJ	8	50~1000	170	1	5	4
GBJA8005~GBJA810	JA	8	50~1000	150	1.1	10	4
GBU8A~GBU8M	GBU	8	50~1000	220	1	5	4
KBJA8005~KBJA810	JB	8	50~1000	150	1.1	10	4
PB805~PB810	PB-10	8	50~1000	220	1.1	10	4
RS801~RS807	RS-6	8	50~1000	300	1.1	10	4
TBL8005~TBL810	TBL	8	50~1000	200	1	5	4
UD8KB05~UD8KB100	D3K	8	50~1000	175	0.95	5	4

10A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
BR1005~BR1010	PB-6	10	50~1000	150	1.1	10	5
GBJ10005~GBJ1010	GBJ	10	50~1000	170	1.05	10	5
GBJA10005~GBJA1010	JA	10	50~1000	150	1.1	10	5
GBU10A~GBU10M	GBU	10	50~1000	240	1	5	5
GBU10KL	GBU	10	800	200	0.9	5	5
KBJ10005G~KBJ1010G	KBJ	10	50~1000	170	1	5	5
KBJA10005~KBJA1010	JB	10	50~1000	150	1.1	10	5
RS1001~RS1007	RS-6	10	50~1000	250	1	10	5

Diodes

15A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJ15005~GBJ1510	GBJ	15	50~1000	240	1	10	7.5
GBJ1506L~GBJ1508L	GBJ	15	600~800	380	0.92	5	7.5
GBJ15L06	GBJ	15	600	250	0.86	5	7.5
GBJA15005~GBJA1510	JA	15	50~1000	220	1.05	5	7.5
GBPC15005~GBPC1510	GBPC	15	50~1000	250	1.1	5	7.5
GBU15A~GBU15M	GBU	15	50~1000	240	1.1	5	7.5
GBU15KL	GBU	15	800	240	0.93	5	7.5
GBU15L06	GBU	15	600	250	0.86	5	7.5
KBJA1506~KBJA1510	JB	15	600~1000	220	1	5	7.5
MB1505W	MB-35W	15	50	300	1.2	10	7.5
MP156W	MP-50W	15	600	300	1.1	5	7.5

20A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJ20005~GBJ2010	GBJ	20	50~1000	240	1.05	10	10
GBJA20005~GBJA2010	JA	20	50~1000	240	1.1	5	10
GBU20005~GBU2010	GBU	20	50~1000	240	1.1	5	10

25A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJ25005~GBJ2510	GBJ	25	50~1000	350	1	10	12.5
GBJ2508L	GBJ	25	800	420	0.92	5	12.5
GBJ2510H	GBJ	25	1600	400	1.2	10	12.5
GBJ25L06	GBJ	25	600	320	0.87	5	12.5
GBJA25005~GBJA2510	JA	25	50~1000	350	1.05	10	12.5
GBPC25005~GBPC2510	GBPC	25	50~1000	300	1.1	5	12.5
GBPC25005W~GBPC2510W	GBPC-W	25	50~1000	300	1.1	5	12.5
GBU25005~GBU2510	GBU	25	50~1000	300	1	10	12.5
MB2505~MB2510	MB-35	25	50~1000	300	1.1	10	12.5
MB251W	MB-35W	25	100	300	1.2	10	12.5
PB25005~PB2510	PB	25	50~1000	350	1	5	12.5

30A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBU30005~GBU3010	GBU	30	50~1000	350	1	5	15

35A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
3GBJ3508~3GBJ3516	TSB-5	35	800~1600	400	1.1	10	17.5
GBJ35005~GBJ3510	GBJ	35	50~1000	400	1.05	10	17.5
GBJ3508L	GBJ	35	800	420	0.95	5	17.5
GBPC35005~GBPC3510	GBPC	35	50~1000	400	1.1	5	17.5
GBPC35005W~GBPC3510W	GBPC-W	35	50~1000	400	1.1	5	17.5
MB3505~MB3510	MB-35	35	50~1000	400	1.1	10	17.5
MP358W	MP-50W	35	800	400	1.1	5	17.5
MT3504A~MT3516A	MT-35A	35	400~1600	400	1.2	10	17.5
PB35005~PB3510	PB	35	50~1000	400	1	5	17.5

50A Bridge Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)
GBJ50005~GBJ5010	GBJ	50	50~1000	400	1	10	25
GBJ5006L	GBJ	50	600	420	0.97	5	25
GBPC50005~GBPC5010	GBPC	50	50~1000	500	1.1	5	25
GBPC5012	GBPC	50	1200	500	1.1	5	25
GBPC5012H	GBPC-H	50	1200	500	1.1	5	25
MP5005~MP5010	MP-50	50	50~1000	500	1.2	10	25
MP5005W~MP5010W	MP-50W	50	50~1000	450	1.1	10	25
MT5004A~MT5016A	MT-35A	50	50~1000	500	1.2	10	25
PB50005~PB5010	PB	50	50~1000	450	1.05	5	25

Diodes

1.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
1N4001~1N4007	DO-41	1.0	50~1000	30	1	5	1	2
1N4001GP~1N4007GP	DO-41	1.0	50~1000	30	1.10	5	1	-
BY133GP	DO-41	1.0	1300	30	1.10	5	1	-
EM513GP~EM518GP	DO-41	1.0	1600~2000	25	1.25	5	1	-
GS1AE~GS1ME	SMA	1.0	50~1000	30	1.1	5	1	2
GS1JE-TPS05	SMAE	1.0	600	30	1.1	10	1	-
GS1AFL~GS1MFL	DO-221AC	1.0	50~1000	30	1	10	1	-
GS1AHE3-L~GS1MHE3-L	SMA	1.0	50~1000	30	1.00	5	1	-
GS1A-L~GS1M-L	SMA	1.0	50~1000	30	1	5	1	2
GS1R-L	SMA	1.0	1300	30	1.00	5	1	-
GS1Y-L	SMA	1.0	1600	30	1.25	5	1	-
GS1Z-L	SMA	1.0	2000	30	1.15	5	1	-
M1FL~M7FL	DO-221AC	1.0	50~1000	30	1.1	5	1	-
RL101GP~RL107GP	A-405	1.0	50~1000	30	1.10	5	1	-
RL101~RL107	A-405	1.0	50~1000	30	1.10	5	1	-
S1A-L~S1M-L	SMB	1.0	50~1000	30	1.1	5	1	2
S1YA	SMA	1.0	1600	30	1.25	5	1	-
S1Z-L	SMB	1.0	2000	30	1.20	5	1	-
SM4001PLHE3~SM4007PLHE3	SOD-123FL	1.0	50~1000	30	1.1	1	1	3
SM4001PL~SM4007PL	SOD-123FL	1.0	50~1000	30	1.10	5	1	-

1.5A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
1N5391GP~1N5399GP	DO-15	1.5	50~1000	50	1.4	5	1.5	-
GS2Y-L	SMA	1.5	1600	30	1.15	3	1.5	-
S2Y-L	SMB	1.5	1600	30	1.15	5	1.5	-
SM5391PL~SM5399PL	SOD-123FL	1.5	50~1000	50	1.10	5	1.5	-

2.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
GS2AFL~GS2MFL	DO-221AC	2.0	50~1000	50	1.10	5	2	-
GS2AHE3-L~GS2MHE3-L	SMA	2.0	50~1000	50	1.10	5	2	-
GS2A-L~GS2M-L	SMA	2.0	50~1000	50	1.10	5	2	-
RL201GP~RL207GP	DO-15	2.0	50~1000	70	1.00	5	2	-
S2AHE3-L~S2MHE3-L	SMB	2.0	50~1000	50	1.15	5	2	-
S2A-L~S2M-L	SMB	2.0	50~1000	50	1.15	5	2	-

2.5A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
RL251GP~RL257GP	R-3	2.5	50~1000	70	1.1	5	2.5	-
RL257GPL	DO-15	2.5	1000	120	1.1	2.5	2.5	-

3.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
1N5400~1N5408	DO-201AD	3.0	50~1000	200	1.00	5	3	-
1N5400GP~1N5408GP	DO-201AD	3.0	50~1000	200	1.10	5	3	-
1N5413GP	DO-201AD	3.0	1300	100	1.10	5	3	-
1N5416GP	DO-201AD	3.0	1600	100	1.20	5	3	-
S3ABHE3~S3MBHE3	SMB	3.0	50~1000	100	1.15	10	3	-
S3AB~S3MB	SMB	3.0	50~1000	100	1.15	10	3	-
S3AHE3~S3MHE3	SMC	3.0	50~1000	100	1.20	10	3	-
S3A~S3M	SMC	3.0	50~1000	100	1.20	10	3	-
S3Q	SMC	3.0	1200	100	1.20	10	3	-

5.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
S5AL~S5ML	SMC	5.0	50~1000	100	1.15	5	5	-
S5ALHE3~S5MLHE3	SMC	5.0	50~1000	100	1.15	5	5	-

Diodes

6.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
60S05~60S10	DO-201AD	6.0	50~1000	200	1	5	6	-
6A05G~6A10G	R-6	6.0	50~1000	200	1	10	6	-
DR750~DR7510	R-6	6.0	50~1000	200	1.10	10	6	-
SMLJ60S05~SMLJ60S10	SMC	6.0	50~1000	200	1	5	6	-

8.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
S8AL~S8ML	SMC	8.0	50~1000	200	1.05	5	8	-
S8ALHE3~S8MLHE3	SMC	8.0	50~1000	200	1.05	5	8	-

10A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
10A01GP~10A07GP	R-6	10.0	50~1000	300	1.00	5	10	-
S10AL~S10ML	SMC	10.0	50~1000	200	1.20	10	10	-
S10DLHE3	SMC	10.0	200	200	1.00	5	10	-

12A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
F1200D	R-6	12.0	150	390	0.87	5	12	-

15A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
GP1510	TO-220AC	15.0	1000	220	1.03	5	15	-
GP1515	TO-220AC	15.0	1500	220	1.04	5	15	-
GPB1510	D2-PAK	15.0	1000	220	1.03	5	15	-

20A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
GPD2006C	DPAK	20.0	600	250	1.00	5	20	-

25A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
GPB2506C	D2-PAK	25.0	600	300	0.96	5	25	-

30A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
GP3016	TO-220AC	30.0	1600	275	1.12	5	30	-

60A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
GP60160B	TO-247AD	60.0	1600	950	1.3	5	60	-

Diodes

0.5A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FM2000GP	SMA	0.5	2000	30	2.5	5	0.5	0.5
R2000FGP	DO-41	0.5	2000	30	2.5	5	0.5	0.5

1.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
1N4933GP	DO-41	1	50	30	1.2	5	1	0.2
1N4934GP	DO-41	1	100	30	1.2	5	1	0.2
1N4935GP	DO-41	1	200	30	1.2	5	1	0.2
1N4936GP	DO-41	1	400	30	1.2	5	1	0.2
1N4937GP	DO-41	1	600	30	1.2	5	1	0.2
1N4942GP	DO-41	1	200	25	1.3	5	1	0.15
1N4944GP	DO-41	1	400	25	1.3	5	1	0.15
1N4946GP	DO-41	1	600	25	1.3	5	1	0.25
1N4947GP	DO-41	1	800	25	1.3	5	1	0.25
1N4948GP	DO-41	1	1000	25	1.3	5	1	0.5
BA157GP	DO-41	1	400	30	1.3	5	1	0.15
BA158GP	DO-41	1	600	30	1.3	5	1	0.15
BA159GP	DO-41	1	1000	30	1.3	5	1	0.25
FR101GP	DO-41	1	50	30	1.3	5	1	0.15
FR102GP	DO-41	1	100	30	1.3	5	1	0.15
FR103GP	DO-41	1	200	30	1.3	5	1	0.15
FR104GP	DO-41	1	400	30	1.3	5	1	0.15
FR105GP	DO-41	1	600	30	1.3	5	1	0.25
FR106GP	DO-41	1	800	30	1.3	5	1	0.5
FR107GP	DO-41	1	1000	30	1.3	5	1	0.5
FR1A-L	SMB	1	50	30	1.3	5	1	0.15
FR1B-L	SMB	1	100	30	1.3	5	1	0.15
FR1D-L	SMB	1	200	30	1.3	5	1	0.15
FR1G-L	SMB	1	400	30	1.3	5	1	0.15
FR1J-L	SMB	1	600	30	1.3	5	1	0.25
FR1K-L	SMB	1	800	30	1.3	5	1	0.5
FR1M-L	SMB	1	1000	30	1.3	5	1	0.5
FS1AFL	DO-221AC	1	50	30	1.3	5	1	0.15
FS1BFL	DO-221AC	1	100	30	1.3	5	1	0.15
FS1DFL	DO-221AC	1	200	30	1.3	5	1	0.15
FS1GFL	DO-221AC	1	400	30	1.3	5	1	0.15
FS1JFL	DO-221AC	1	600	30	1.3	5	1	0.25
FS1KFL	DO-221AC	1	800	30	1.3	5	1	0.5
FS1MFL	DO-221AC	1	1000	30	1.3	5	1	0.5

1.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FS1A-L	SMA	1	50	30	1.3	5	1	0.15
FS1B-L	SMA	1	100	30	1.3	5	1	0.15
FS1D-L	SMA	1	200	30	1.3	5	1	0.15
FS1G-L	SMA	1	400	30	1.3	5	1	0.15
FS1J-L	SMA	1	600	30	1.3	5	1	0.25
FS1K-L	SMA	1	800	30	1.3	5	1	0.5
FS1M-L	SMA	1	1000	30	1.3	5	1	0.5
FSM11PL	SOD-123FL	1	50	30	1.3	5	1	0.15
FSM12PL	SOD-123FL	1	100	30	1.3	5	1	0.15
FSM13PL	SOD-123FL	1	200	30	1.3	5	1	0.15
FSM14PL	SOD-123FL	1	400	30	1.3	5	1	0.15
FSM15PL	SOD-123FL	1	600	30	1.3	5	1	0.25
FSM16PL	SOD-123FL	1	800	30	1.3	5	1	0.5
FSM17PL	SOD-123FL	1	1000	30	1.3	5	1	0.5

1.5A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR151GP	DO-15	1.5	50	50	1.3	5	1.5	0.15
FR152GP	DO-15	1.5	100	50	1.3	5	1.5	0.15
FR153GP	DO-15	1.5	200	50	1.3	5	1.5	0.15
FR154GP	DO-15	1.5	400	50	1.3	5	1.5	0.15
FR155GP	DO-15	1.5	600	50	1.3	5	1.5	0.25
FR156GP	DO-15	1.5	800	50	1.3	5	1.5	0.5
FR157GP	DO-15	1.5	1000	50	1.3	5	1.5	0.5

2.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR201GP	DO-15	2	50	60	1.3	5	2	0.15
FR202GP	DO-15	2	100	60	1.3	5	2	0.15
FR203GP	DO-15	2	200	60	1.3	5	2	0.15
FR204GP	DO-15	2	400	60	1.3	5	2	0.15
FR205GP	DO-15	2	600	60	1.3	5	2	0.25
FR206GP	DO-15	2	800	60	1.3	5	2	0.5
FR207GP	DO-15	2	1000	60	1.3	5	2	0.5

Diodes

2.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR2A-L	SMB	2	50	50	1.3	5	2	0.15
FR2B-L	SMB	2	100	50	1.3	5	2	0.15
FR2D-L	SMB	2	200	50	1.3	5	2	0.15
FR2G-L	SMB	2	400	50	1.3	5	2	0.15
FR2J-L	SMB	2	600	50	1.3	5	2	0.25
FR2K-L	SMB	2	800	50	1.3	5	2	0.5
FR2M-L	SMB	2	1000	50	1.3	5	2	0.5
FS2AFL	DO-221AC	2	50	50	1.3	5	2	0.15
FS2BFL	DO-221AC	2	100	50	1.3	5	2	0.15
FS2DFL	DO-221AC	2	200	50	1.3	5	2	0.15
FS2GFL	DO-221AC	2	400	50	1.3	5	2	0.15
FS2JFL	DO-221AC	2	600	50	1.3	5	2	0.25
FS2KFL	DO-221AC	2	800	50	1.3	5	2	0.5
FS2MFL	DO-221AC	2	1000	50	1.3	5	2	0.5
FS2A-L	SMA	2	50	50	1.3	5	2	0.15
FS2B-L	SMA	2	100	50	1.3	5	2	0.15
FS2D-L	SMA	2	200	50	1.3	5	2	0.15
FS2G-L	SMA	2	400	50	1.3	5	2	0.15
FS2J-L	SMA	2	600	50	1.3	5	2	0.25
FS2K-L	SMA	2	800	50	1.3	5	2	0.5
FS2M-L	SMA	2	1000	50	1.3	5	2	0.5

3.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR301GP	DO-201AD	3	50	150	1.3	5	3	0.15
FR302GP	DO-201AD	3	100	150	1.3	5	3	0.15
FR303GP	DO-201AD	3	200	150	1.3	5	3	0.15
FR304GP	DO-201AD	3	400	150	1.3	5	3	0.15
FR305GP	DO-201AD	3	600	150	1.3	5	3	0.25
FR306GP	DO-201AD	3	800	150	1.3	5	3	0.5
FR307GP	DO-201AD	3	1000	150	1.3	5	3	0.5
FR3AB	SMB	3	50	100	1.3	10	3	0.15
FR3BB	SMB	3	100	100	1.3	10	3	0.15
FR3DB	SMB	3	200	100	1.3	10	3	0.15
FR3GB	SMB	3	400	100	1.3	10	3	0.15
FR3JB	SMB	3	600	100	1.3	10	3	0.25
FR3KB	SMB	3	800	100	1.3	10	3	0.5
FR3MB	SMB	3	1000	100	1.3	10	3	0.5

3.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR3A	SMC	3	50	100	1.3	10	3	0.15
FR3B	SMC	3	100	100	1.3	10	3	0.15
FR3D	SMC	3	200	100	1.30	10	3	0.15
FR3G	SMC	3	400	100	1.30	10	3	0.15
FR3J	SMC	3	600	100	1.30	10	3	0.25
FR3K	SMC	3	800	100	1.3	10	3	0.5
FR3M	SMC	3	1000	100	1.30	10	3	0.5

5.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR501GP	DO-201AD	5	50	200	1.35	10	5	0.15
FR502GP	DO-201AD	5	100	200	1.35	10	5	0.15
FR503GP	DO-201AD	5	200	200	1.35	10	5	0.15
FR504GP	DO-201AD	5	400	200	1.35	10	5	0.15
FR505GP	DO-201AD	5	600	200	1.35	10	5	0.25
FR506GP	DO-201AD	5	800	200	1.35	10	5	0.5
FR507GP	DO-201AD	5	1000	200	1.35	10	5	0.5

6.0A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR601GP	R-6	6	50	200	1.30	10	6	0.15
FR602GP	R-6	6	100	200	1.30	10	6	0.15
FR603GP	R-6	6	200	200	1.30	10	6	0.15
FR604GP	R-6	6	400	200	1.3	10	6	0.15
FR605GP	R-6	6	600	200	1.30	10	6	0.25
FR606GP	R-6	6	800	200	1.30	10	6	0.5
FR607GP	R-6	6	1000	200	1.30	10	6	0.5

Diodes

10A Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
FR1001GP	R-6	10	50	250	1.3	5	10	0.15
FR1002GP	R-6	10	100	250	1.30	5	10	0.15
FR1003GP	R-6	10	200	250	1.30	5	10	0.15
FR1004GP	R-6	10	400	250	1.30	5	10	0.15
FR1005GP	R-6	10	600	250	1.3	5	10	0.25
FR1006GP	R-6	10	800	250	1.30	5	10	0.5
FR1007GP	R-6	10	1000	250	1.30	5	10	0.5

1.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
SF1600	DO-15	1	1600	30	3.4	2.5	1	0.075
ES1DFL~ES1KFL	DO-221AC	1	200~800	30	1~1.85	5	1	0.035
MURS1JAFL	DO-221AC	1	600	30	1.40	5	1	0.035
US1AFL~US1MFL	DO-221AC	1	50~1000	30	1~1.7	10	1	0.05~0.075
HER101G~HER108G	DO-41	1	50~1000	30	1.0~1.7	5	1	0.075
MUR105GP~MUR160GP	DO-41	1	50~600	35	0.97~1.35	5	1	0.045~0.06
SF11G~SF18G	DO-41	1	50~600	30	0.95~1.7	5	1	0.035
SF18GL	DO-41	1	600	35	1.25	5	1	0.05
UF4001GP~UF4007GP	DO-41	1	50~1000	30	1~1.7	5	1	0.05~0.075
UF4012GP	DO-41	1	1200	30	1.85	5	1	0.15
ES1A-L~ES1J-L	SMA	1	50~600	30	0.95~1.7	1	1	0.035
HS1K	SMA	1	800	30	2.20	5	1	0.035
MURS1A~MURS1D	SMA	1	50~200	30	0.92	5	1	0.015
MURS1G	SMA	1	400	30	1.25	5	1	0.025
MURS1J	SMA	1	600	30	1.25	5	1	0.075
MURS1JAL	SMA	1	600	30	1.40	5	1	0.035
UG1A~UG1G	SMA	1	50~400	30	0.92~1.25	5	1	0.025
US1A~US1M	SMA	1	50~1000	30	1~1.7	5	1	0.05~0.075
US1ML	SMA	1	1000	30	1.50	5	1	0.12
US1Q	SMA	1	1200	30	1.90	5	1	0.075
ER1A-L~ER1J-L	SMB	1	50~600	30	0.95~1.7	5	1	0.035
ER1Q-L	SMB	1	1200	30	1.85	5	1	0.15
MURS1DBL	SMB	1	200	40	0.90	2	1	0.025
MURS1JBL	SMB	1	600	35	1.25	5	1	0.05
UF1A~UF1M	SMB	1	50~1000	30	1.0~1.7	10	1	0.1
UF1Q	SMB	1	1200	30	1.90	5	1	0.075
MURS1JPL	SOD-123FL	1	600	30	1.25	5	1	0.05
SFM11PL~SFM18PL	SOD-123FL	1	50~600	30	0.95~1.7	5	1	0.035
UFM11PL~UFM17PL	SOD-123FL	1	50~1000	30	1~1.7	10	1	0.035~0.075
UG1APL~UG1JPL	SOD-123FL	1	50~600	30	0.92~1.7	5	1	0.035

2.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
HER201G~HER208G	DO-15	2	50~1000	60	1.0~1.7	5	2	0.075
MUR260GPL	DO-15	2	600	50	1.35	5	2	0.05
SF21G~SF28G	DO-15	2	50~600	50	0.95~1.7	5	2	0.035
SF26GS	DO-15	2	400	50	1.30	5	2	0.035
ES2AFL~ES2KFL	DO-221AC	2	50~800	50	1~1.85	5	2	0.035
UG2DAFL	DO-221AC	2	200	65	0.93	2	2	0.025
US2AFL~US2MFL	DO-221AC	2	50~1000	50	1~1.7	5	1	0.05~0.075

Diodes

2.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
ES2A-L~ES2J-L	SMA	2	50~600	50	0.95~1.7	1	2	0.035
US2AA~US2MA	SMA	2	50~1000	50	1~1.7	5	2	0.05~0.075
ER2A-L~ER2J-L	SMB	2	50~600	50	0.95~1.7	5	2	0.035
HS2K	SMB	2	800	50	1.85	5	2	0.035
MURS2D	SMB	2	200	50	0.92	2	2	0.025
MURS2J	SMB	2	600	50	1.25	5	2	0.05
US2A~US2Q	SMB	2	50~1200	50	1~1.7	5	2	0.05~0.1

3.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
HER301G~HER308G	DO-201AD	3	50~1000	125	0.95~1.7	10	3	0.075
SF31G~SF38G	DO-201AD	3	50~600	125	0.95~1.75	5	3	0.035
UF5400GP~UF5408GP	DO-201AD	3	50~1000	100	0.95~1.7	10	3	0.05~0.075
MURS3JAFL	DO-221AC	3	600	100	1.70	5	3	0.035
UG3DAFL	DO-221AC	3	200	85	0.93	2	3	0.025
ER3AB~ER3MB	SMB	3	50~1000	100	0.95~1.7	5	3	0.035~0.075
MURS3GB	SMB	3	400	100	1.00	5	3	0.035
MURS3JB	SMB	3	600	100	1.25	10	3	0.05
UG3AB~UG3GB	SMB	3	50~400	90	0.92~1.25	5	3	0.025
ER3A~ER3M	SMC	3	50~1000	100	0.95~1.7	5	3	0.035~0.075
ER3JL	SMC	3	600	120	1.25	5	3	0.05
MURS3D	SMC	3	200	100	0.92	5	3	0.035
MURS3G	SMC	3	400	100	1.00	5	3	0.035

4.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MUR405GP~MUR4100GP	DO-201AD	4	50~1000	150	1~1.85	10	4	0.045~0.075
MURD420	DPAK	4	200	90	0.84	100	4	0.028
MURS480GP	DO-201AD	4	800	125	1.85	5	4	0.075
MURS4J	SMC	4	600	125	1.28	5	4	0.05

5.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
ER5A~ER5J	SMC	5	50~600	175	1~1.7	10	5	0.035
HER501GP~HER508GP	DO-201AD	5	50~1000	160	1.0~1.7	5	5	0.075
MURD5120	DPAK	5	1200	80	2.20	5	5	0.065
MURD560	DPAK	5	600	110	1.40	10	5	0.035
MURD560C	DPAK	5	600	110	1.40	10	5	0.035
MURD560S	DPAK	5	600	50	1.70	5	5	0.035
MURSS20A	TO-220AC	5	200	70	1.00	5	5	0.035
MURSS20FA	ITO-220AC	5	200	70	1.00	5	5	0.035
MURSS40A	TO-220AC	5	400	70	1.25	5	5	0.035
MURSS40FA	ITO-220AC	5	400	70	1.25	5	5	0.035
MURSS60A	TO-220AC	5	600	70	1.60	5	5	0.035
MURSS60FA	ITO-220AC	5	600	70	1.60	5	5	0.035
MURSD520A	DPAK	5	200	70	1.00	5	5	0.035
MURSD540A	DPAK	5	400	70	1.25	5	5	0.035
MURSD560A	DPAK	5	600	70	1.60	5	5	0.035
SF51G~SF58G	DO-201AD	5	50~600	150	0.95~1.75	5	5	0.035
US5A~US5M	SMC	5	50~1000	150	1~1.7	10	5	0.05~0.075

6.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
HER601GP~HER608GP	R-6	6	50~1000	200	1.1~1.7	10	6	0.075
SF61G~SF68G	DO-201AD	6	50~600	150	0.975~1.7	5	6	0.035

8.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MURB820	D2-PAK	8	200	125	0.95	10	8	0.04
MURD860	DPAK	8	600	80	3.00	10	8	0.025
MURD880	DPAK	8	800	80	2.40	10	8	0.033
MURSD820A	DPAK	8	200	100	1.00	5	8	0.035
MURSD840A	DPAK	8	400	100	1.25	5	8	0.035
MURSD860A	DPAK	8	600	100	1.60	5	8	0.035
MURSD860H	DPAK	8	600	150	1.50	10	8	0.035
MUR810F~MUR860F	ITO-220AC	8	100~600	125	0.975~1.5	5	8	0.035~0.05
MUR8120F	ITO-220AC	8	1200	110	2.30	10	8	0.065
MURS820FA	ITO-220AC	8	200	100	1.00	5	8	0.035
MURS840FA	ITO-220AC	8	400	100	1.25	5	8	0.035
MURS860FA	ITO-220AC	8	600	100	1.60	5	8	0.035

Diodes

8.0A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MUR805~MUR860	TO-220AC	8	50~600	125	0.975~1.5	5	8	0.035~0.05
MUR8120	TO-220AC	8	1200	110	2.30	10	8	0.065
MUR880	TO-220AC	8	800	125	1.90	10	8	0.1
MURS820A	TO-220AC	8	200	100	1.00	5	8	0.035
MURS840A	TO-220AC	8	400	100	1.25	5	8	0.035
MURS860A	TO-220AC	8	600	100	1.60	5	8	0.035

10A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MURB1010CT~MURB1060CT	D2-PAK	10	100~600	100	0.95~1.5	10	5	0.035~0.05
MURB10120C	D2-PAK	10	1200	110	2.40	10	10	0.075
MURSB1020CTA	D2-PAK	10	200	70	1.00	5	5	0.035
MURSB1040CTA	D2-PAK	10	400	70	1.25	5	5	0.035
MURSB1060CTA	D2-PAK	10	600	70	1.60	5	5	0.035
MURD1040C	DPAK	10	400	125	1.50	10	10	0.035
MURSD1020A	DPAK	10	200	120	1.00	5	10	0.035
MURSD1020CTA	DPAK	10	200	70	1.00	5	5	0.035
MURSD1040A	DPAK	10	400	120	1.25	5	10	0.035
MURSD1040CTA	DPAK	10	400	70	1.25	5	5	0.035
MURSD1060A	DPAK	10	600	120	1.60	5	10	0.35
MURSD1060CTA	DPAK	10	600	70	1.60	5	5	0.035
MUR1005FCT~MUR1060FCT	ITO-220AB	10	50~600	80	0.975~1.5	10	5	0.035~0.05
MURS1020FCTA	ITO-220AB	10	200	70	1.00	5	5	0.035
MURS1040FCTA	ITO-220AB	10	400	70	1.25	5	5	0.035
MURS1060FCTA	ITO-220AB	10	600	70	1.60	5	5	0.035
SF1040FCT	ITO-220AB	10	400	80	1.30	5	5	0.035
MUR1020F~MUR1060F	ITO-220AC	10	200~600	125	1.15~1.6	5	10	0.035~0.05
MURS1020FA	ITO-220AC	10	200	120	1.00	5	10	0.035
MURS1040FA	ITO-220AC	10	400	120	1.25	5	10	0.035
MURS1060FA	ITO-220AC	10	600	120	1.60	5	10	0.35
MURS1060FH	ITO-220AC	10	600	180	1.60	10	10	0.035
MUR10100CT	TO-220AB	10	1000	125	1.70	10	5	0.075
MUR1010CT~MUR1060CT	TO-220AB	10	100~600	80	0.975~1.7	10	5	0.035~0.05
MURS1020CTA	TO-220AB	10	200	70	1.00	5	5	0.035
MURS1040CTA	TO-220AB	10	400	70	1.25	5	5	0.035
MURS1060CTA	TO-220AB	10	600	70	1.60	5	5	0.035
MUR1005~MUR1060	TO-220AC	10	50~600	100	1.3~1.5	5	10	0.05
MURS1020A	TO-220AC	10	200	120	1.00	5	10	0.035
MURS1040A	TO-220AC	10	400	120	1.25	5	10	0.035
MURS1060A	TO-220AC	10	600	120	1.60	5	10	0.035
MUR10100A	TO-247AC	10	1000	110	2.40	10	10	0.065

12A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MURSB1260	D2-PAK	12	600	110	2.45	10	12	0.025

15A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MUR15120	TO-220AC	15	1200	150	2.40	10	15	0.075
MUR15120F	ITO-220AC	15	1200	110	2.70	10	15	0.065
MUR15120H	TO-220AC	15	1200	280	3.20	10	15	0.05
MUR1560HS	TO-220AC	15	600	330	1.50	10	15	
MURB15120C	D2-PAK	15	1200	150	2.40	10	15	0.075
MURS1560A	TO-220AC	15	600	160	1.6	5	15	0.04
MURS1560FA	ITO-220AC	15	600	160	1.6	5	15	0.04
MURSB1520	D2-PAK	15	200	200	1.02	10	15	0.035
MURSB1560	D2-PAK	15	600	160	2.29	10	15	0.025

16A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MUR1605CT-MUR1660CT	TO-220AB	16	50~600	100	0.975~1.7	5	8	0.035~0.05
MUR1605FCT~1660FCT	ITO-220AB	16	50~600	120	0.975~1.7	5	8	0.035~0.05
MUR1605F-MUR1660F	ITO-220AC	16	50~600	200	0.975~1.5	5	16	0.035~0.05
MUR1605-MUR1660	TO-220AC	16	50~600	200	0.975~1.5	5	16	0.035~0.05
MURS1620CT	TO-220AB	16	200	125	1.00	10	8	0.035
MURS1640CT	TO-220AB	16	400	125	1.25	10	8	0.035
MURS1660CT	TO-220AB	16	600	125	1.60	10	8	0.035
MURS1620CTA	TO-220AB	16	200	100	1.00	5	8	0.035
MURS1620FCTA	ITO-220AB	16	200	100	1.00	5	8	0.035
MURS1640CTA	TO-220AB	16	400	100	1.25	5	8	0.035
MURS1640FCTA	ITO-220AB	16	400	100	1.25	5	8	0.035
MURS1660CTA	TO-220AB	16	600	100	1.60	5	8	0.035
MURS1660FCTA	ITO-220AB	16	600	100	1.60	5	8	0.035
MURSB1620CTA	D2-PAK	16	200	100	1.00	5	8	0.035
MURSB1640CTA	D2-PAK	16	400	100	1.25	5	8	0.035
MURSB1660CTA	D2-PAK	16	600	100	1.60	5	8	0.035
MURSD1620CTA	DPAK	16	200	100	1.00	5	8	0.035
MURSD1640CTA	DPAK	16	400	100	1.25	5	8	0.035
MURSD1660CTA	DPAK	16	600	100	1.60	5	8	0.035

Diodes

20A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MUR2010CT~MUR2060CT	TO-220AB	20	100~600	125	0.975~1.5	10	10	0.035~0.05
MUR2010FCT~MUR2060FCT	ITO-220AB	20	100~600	125	0.975~1.5	1	10	0.035~0.05
MUR2020PT	TO-247	20	200	125	1.00	10	10	0.03
MUR2030PT	TO-247	20	300	125	1.20	10	10	0.03
MUR2040PT	TO-247	20	400	160	1.40	10	10	0.035
MURB2020C	D2-PAK	20	200	350	1.15	10	20	0.035
MURB2060C	D2-PAK	20	600	350	1.60	10	20	0.05
MURD2020CT	DPAK	20	200	250	0.90	10	10	0.03
MURS2020CTA	TO-220AB	20	200	120	1.00	5	10	0.035
MURS2020FCTA	ITO-220AB	20	200	120	1.00	5	10	0.035
MURS2040CTA	TO-220AB	20	400	120	1.25	5	10	0.035
MURS2040FCTA	ITO-220AB	20	400	120	1.25	5	10	0.035
MURS2060CTA	TO-220AB	20	600	120	1.60	5	10	0.35
MURS2060FCTA	ITO-220AB	20	600	120	1.60	5	10	0.35
MURS2060FS	ITO-220AC	20	600	160	1.7	5	20	0.04
MURSB2020CTA	D2-PAK	20	200	120	1.00	5	10	0.035
MURSB2040CTA	D2-PAK	20	400	120	1.25	5	10	0.035
MURSB2060CTA	D2-PAK	20	600	120	1.60	5	10	0.35
UG2030FCTH	ITO-220AB	20	300	150	1.25	10	10	0.025

25A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MURB2540C	D2-PAK	25	400	480	1.35	10	25	0.05

30A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MUR30120B	TO-247AD	30	1200	300	2.40	10	30	0.075
MUR30120PT	TO-247	30	1200	100	2.9	10	15	0.055
MUR3030PT	TO-247	30	300	180	1.35	5	15	0.035
MUR3040PT	TO-247	30	400	140	1.45	10	15	0.045
MUR3060A	TO-247AC	30	600	200	1.70	50	30	0.05
MUR3060B	TO-247AD	30	600	300	2.3	10	30	0.035
MUR3060BL	TO-247AD	30	600	300	1.5	10	30	0.05
MUR3060F	ITO-220AC	30	600	200	1.70	50	30	0.05
MUR3060PT	TO-247	30	600	180	1.55	10	15	0.04
MURS3060	TO-220AC	30	600	200	1.70	50	30	0.05

60A Super Fast Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	T_{RR} (μs)
MUR60120B	TO-247AD	60	1200	500	3.3	15	60	0.085
MUR6040PT	TO-247	60	400	480	1.40	10	30	0.05
MUR6060B	TO-247AD	60	600	500	1.70	15	60	0.075
MUR6060BH	TO-247AD	60	600	600	2.4	10	60	0.075
MUR6060PT	TO-247	60	600	300	1.55	10	30	0.05

Diodes

15mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SD101AW/BW/CW	SOD-123	0.015	40~60	2	0.39~0.41	0.2	0.001	30~50	No
SD101AWHE3/BWHE3/CWHE3	SOD-123	0.015	40~60	2	0.39~0.41	0.2	0.001	40~60	No
SD101AWS/BWS/CWS	SOD-323	0.015	40~60	2	0.39~0.41	0.2	0.001	30~50	No
SD101AWSHE3~SD101CWSHE3	SOD-323	0.015	40~60	2	0.39~0.41	0.2	0.001	30~50	No

30mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
RB751S-40L2	DFN1006-2L	0.03	40	0.15	0.37	0.5	0.001	30	No
RB706F-40	SOT-323	0.03	40	0.2	0.37	1	0.001	10	No
RB715F	SOT-323	0.03	40	0.2	0.37	1	0.001	10	No
RB715W	SOT-523	0.03	40	0.2	0.37	1	0.001	10	No
RB717F	SOT-323	0.03	40	0.2	0.37	1	0.001	10	No
RB751S-40DP	0201	0.03	40	0.2	0.37	0.5	0.001	30	No
RB751V-40	SOD-323	0.03	40	0.2	0.37	0.5	0.001	30	No
RB751V-40HE3	SOD-323	0.03	40	0.2	0.37	0.5	0.001	30	No
RB751S-40	SOD-523	0.03	40	0.5	0.37	0.5	0.001	30	No

70mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAS70/-04/-05/-06	SOT-23	0.07	70	0.1	1	0.01	0.015	50	No
BAS70HE3/-04HE3/-05HE3/-06HE3	SOT-23	0.07	70	0.1	1	0.01	0.015	70	No
BAS70L2	DFN1006-2L	0.07	70	0.1	0.41	0.2	0.001	50	No
BAS70T/-04T/-05T/-06T	SOT-523	0.07	70	0.1	1	0.1	0.015	50	No
BAS70TW/DW-04/DW-05/DW-06/BRW	SOT-363	0.07	70	0.1	1	0.1	0.015	50	No
BAS70WX	SOD-323	0.07	70	0.1	1	0.1	0.015	50	No
BAS70X	SOD-523	0.07	70	100	1	0.1	0.015	50	No
BAS70WT/-04/-05/-06	SOT-323	0.07	70	-	1	0.1	0.015	50	No

100mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
RB520CS-30	SOD-923	0.1	30	0.5	0.45	0.5	0.01	10	No
RB520S-30DP	0201	0.1	30	0.5	0.56	20	0.1	30	No
RB520S-30L2	DFN1006-2L	0.1	30	0.5	0.45	0.5	0.01	10	No
RB521CS-30	SOD-923	0.1	30	0.5	0.35	50	0.01	30	No
RB521S-30DP	0201	0.1	30	0.5	0.53	50	0.1	30	No
SD107WS	SOD-323	0.1	30	0.75	0.55	1	0.05	25	No
RB500V-40	SOD-323	0.1	40	1	0.45	1	0.01	10	No
RB501V-40	SOD-323	0.1	40	1	0.34	30	0.01	10	No
RB521S-30L2	DFN1006-2L	0.1	30	1	0.35	10	0.01	10	No

150mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAT46W	SOD-123	0.15	100	0.75	1	5	0.25	75	No
BAT46WHE3	SOD-123	0.15	100	0.75	1	2	0.25	75	No
BAT46WS	SOD-323	0.15	100	0.75	1	0.5	0.25	10	No

200mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAS40/-04/-05/-06	SOT-23	0.2	40	0.6	1	0.01	0.04	30	No
BAS40HE3/-04HE3/-05HE3/-06HE3	SOT-23	0.2	40	0.6	1	0.01	0.04	30	No
BAS40L2	DFN1006-2L	0.2	40	0.6	0.38	0.2	0.001	30	No
BAS40WX	SOD-323	0.2	40	0.6	1	0.2	0.04	30	No
BAS40X	SOD-523	0.2	40	0.6	1	0.2	0.04	30	No
BAT54/A/C/S	SOT-23	0.2	30	0.6	0.4	2	0.01	25	No
BAT54CM	SOT-723	0.2	30	0.6	1	2	0.1	25	No
BAT54DW	SOT-363	0.2	30	0.6	1	0.2	0.1	25	No
BAT54HE3/AHE3/CHE3/SHE3	SOT-23	0.2	30	0.6	0.4	2	0.01	30	No
BAT54L2	DFN1006-2L	0.2	30	0.6	0.5	2	0.03	25	No
BAT54M	SOT-723	0.2	30	0.6	0.4	2	0.01	25	No
BAT54T/AT/CT/ST	SOT-523	0.2	30	0.6	1	2	0.1	25	No
BAT54TW/CDW/ADW/SDW/BRW	SOT-363	0.2	30	0.6	1	2	0.1	25	No
BAT54W	SOD-123	0.2	30	0.6	1	2	0.1	25	No
BAT54WHE3	SOD-123	0.2	30	0.6	1	2	0.1	30	No
BAT54WS	SOD-323	0.2	30	0.6	1	2	0.1	25	No
BAT54WSHE3	SOD-323	0.2	30	0.6	1	2	0.1	30	No

Diodes

200mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAT54WS	SOD-323	0.2	30	0.6	1	2	0.1	25	No
BAT54WSHE3	SOD-323	0.2	30	0.6	1	2	0.1	30	No
BAT54WT/AWT/CWT/SWT	SOT-323	0.2	30	0.6	0.8	2	0.1	25	No
BAT54WTHE3/AWTHE3/CWTHE3/SWTHE3	SOT-323	0.2	30	0.6	0.8	2	0.1	25	No
BAT54WX	SOD-523	0.2	30	0.6	0.8	2	0.1	25	No
RB520S-30	SOD-523	0.2	30	1	0.6	1	0.2	10	No
RB520S-30HE3	SOD-523	0.2	30	1	0.6	1	0.2	10	No
RB520S-40	SOD-523	0.2	40	1	0.55	1	0.1	10	No
RB521S-30	SOD-523	0.2	30	1	0.5	30	0.2	10	No
RB521S-30HE3	SOD-523	0.2	30	1	0.5	30	0.2	10	No
RB521S-40	SOD-523	0.2	40	1	0.54	90	0.2	40	No
RB521S-40HE3	SOD-523	0.2	40	1	0.59	90	0.2	40	No
BAT42W	SOD-123	0.2	30	4	1	0.5	0.2	25	No
BAT42WS	SOD-323	0.2	30	4	1	0.5	0.2	25	No
BAT43W	SOD-123	0.2	30	4	0.45	0.5	0.015	25	No
BAT43WS	SOD-323	0.2	30	4	0.45	0.5	0.015	25	No
BAT43X	SOD-523	0.2	30	4	1	0.5	0.2	25	No
BAR43/A/C/S	SOT-23	0.2	30		0.33	0.5	0.002	25	No
BAS40V	SOT-563	0.2	40		1	0.2	0.04	30	No
BAT54V	SOT-563	0.2	30		1	2	0.04	25	No
BAS40T/-04T/-05T/-06T	SOT-523	0.2	40	-	1	0.2	0.04	30	No
BAS40TW/DW-04/DW-05/DW-06/BRW	SOT-363	0.2	40	-	1	0.2	0.04	30	No
BAS40WT/-04/-05/-06	SOT-323	0.2	40	-	1	1	0.04	30	No

250mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAT64-04/-05/-06	SOT-23	0.25	40	0.8	0.43	2	0.01	25	No
BAT64-04W/-05W/-06W	SOT-323	0.25	40	0.8	0.52	2	0.03	30	No
RB520S-40HE3	SOD-523	0.25	40	1	0.55	1	0.1	10	No

300mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAT54H/AH/CH/SH	SOT-23	0.3	40	1.25	0.9	1	0.1	30	No
BAT54WSH	SOD-323	0.3	40	1.25	0.9	1	0.1	30	No

350mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SD103ATW	SOT-363	0.35	40	1	0.37	5	0.02	30	No
SD103AX	SOD-523	0.35	40	1	0.6	5	0.2	30	No
SD103AW/BW/CW	SOD-123	0.35	20~40	1.5	0.37	5	0.02	10~30	No
SD103AWHE3/BWHE3/CWHE3	SOD-123	0.35	20~40	1.5	0.37	5	0.02	20~40	No
SD103AWS/BWS/CWS	SOD-323	0.35	20~40	1.5	0.37	5	0.02	10~30	No
SD103AWSHE3/BWSHE3/CWSHE3	SOD-323	0.35	20~40	1.5	0.37	5	0.02	20~40	No
SD103AWSL~SD103CWSL	SOD-323FL	0.35	20~40	2	0.37	5	0.02	10~30	No

400mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
RB495DS	SOT-23	0.4	40	2	0.5	70	0.2	25	No

500mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAT720	SOT-23	0.5	40	2	0.55	100	0.5	35	No
BAT720WT	SOT-323	0.5	40	2	0.55	100	0.5	35	No
RB551V-30	SOD-323	0.5	30	2	0.47	100	0.5	20	No
RB551V-30HE3	SOD-323	0.5	30	2	0.47	100	0.5	20	No
RB551V-30S	SOD-323	0.5	30	2	0.47	100	0.5	20	No
RB551V-40	SOD-323	0.5	40	2	0.47	100	0.5	40	No
RB400DS	SOT-23	0.5	40	3	0.55	50	0.5	30	No
B0530WS	SOD-323	0.5	30	5	0.55	300	0.5	30	No
B0530WSHE3	SOD-323	0.5	30	5	0.55	300	0.5	30	No
B0540WS	SOD-323	0.5	40	5	0.55	80	0.5	40	No
B0540WSHE3	SOD-323	0.5	40	5	0.55	80	0.5	40	No
B0560WS	SOD-323	0.5	60	5	0.7	100	0.5	60	No
B05100WS	SOD-323	0.5	100	5.5	0.85	1	0.5	100	No
B0540W	SOD-123	0.5	40	5.5	0.55	80	0.5	40	No
B0540WHE3	SOD-123	0.5	40	5.5	0.55	80	0.5	40	No
MBR0520~MBR0580	SOD-123	0.5	20~80	5.5	0.45~0.80	100	0.5	20~80	No
MBR0520L~MBR0540L	SOD-123	0.5	20~40	5.5	0.385~0.51	20~250	0.5	20~40	Yes
MBRX0520L	SOD-323	0.5	20	5.5	0.39	250	0.5	20	No

Diodes

700mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
RB461F	SOT-323	0.7	20		0.49	200	0.7	20	No

750mA Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAT750	SOT-23	0.75	40	5.5	0.45	60	0.75	30	No
BAT165WS	SOD-323	0.75	40	10	0.74	8	0.75	40	No

1A Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
B5817X2	SOD-523	1	40	4	0.6	30	1	20	No
B5817W~B5819W	SOD-123	1	20~40	10	0.45~0.60	40~200	1	20~40	No
B5817WHE3~B5819WHE3	SOD-123	1	20~40	10	0.45~0.60	40~200	1	20~40	No
B5817WS~B5819WS	SOD-323	1	20~40	10	0.45~0.60	40~200	1	20~40	No
B5817WSHE3~B5819WSHE3	SOD-323	1	20~40	10	0.45~0.60	40~200	1	20~40	No
B5818LWS	SOD-323	1	30	10	0.45	200	1	30	Yes
B5819WSL	SOD-323FL	1	40	10	0.6	50	1	40	No
BSR106WS	SOD-323	1	60	10	0.7	100	1	60	No
SM5819L2	DFN1006-2	1	40	10	0.6	60	1	40	No
MBRX120LF	SOD-123	1	20	12	0.2	260	0.1	5	Yes

3A Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
BAT60B	SOD-323	3	10	5	0.3	15	0.01	5	No

1A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SS1150FL~SS1200FL	DO-221AC	1	150~200	30	0.90~0.92	10	1	150~200	No
SS12FL~SS110FL	DO-221AC	1	20~100	30	0.50~0.85	100	1	20~100	Yes
SR1150	DO-41	1	150	40	0.87	10	1	150	Yes
SR1200	DO-41	1	200	30	0.9	10	1	200	No
1N5817~1N5819	DO-41	1	20~40	25	0.45~0.6	100	1	20~40	No
SR105~SR1010	DO-41	1	50~100	30	0.7~0.85	50~100	1	50~100	No
SS13L-L	SMA	1	30	40	0.5	20	1	30	No
SS1150HE3-L~SS1200HE3-L	SMA	1	150~200	30	0.9~0.92	10	1	150~200	No
SS1150-L~SS1200-L	SMA	1	150~200	30	0.90~0.92	50	1	150~200	No
SS12-L~SS110-L	SMA	1	20~100	30	0.5~0.85	50~100	1	20~100	No
SS12HE3-L~SS110HE3-L	SMA	1	20~100	50	0.5~0.85	50~100	1	20~100	No
SL14A~SL110A	SMA	1	40~100	28	0.4~0.6	100	1	40~100	No
SS12E~SS110E	SMAE	1	20~100	30	0.6~0.85	100	1	20~100	No
SL115B	SMB	1	15	50	0.25	500	1	15	No
SK1150-L~SK1200-L	SMB	1	150~200	30	0.90~0.92	50	1	150~200	No
SK12-L~SK110-L	SMB	1	20~100	30	0.5~0.85	100	1	20~100	No
SSL16PL	SOD-123FL	1	60	30	0.45	65	1	60	No
SMD110PLHE3~SMD1200PLHE3	SOD-123FL	1	100~200	30	0.85~0.95	10	1	100~200	No
SMD110PL~SMD1200PL	SOD-123FL	1	100~200	30	0.85~0.95	10	1	100~200	No
SMD1150PLHE3~SMD1200PLHE3	SOD-123FL	1	150~200	30	0.85~0.95	10	1	150~200	No
SM5817PLHE3~SM5819PLHE3	SOD-123FL	1	20~40	30	0.45~0.53	50	1	20~40	No
SM5817PL~SM5819PL	SOD-123FL	1	20~40	30	0.45~0.53	50	1	20~40	No
SL14PL~SL110PL	SOD-123FL	1	40~100	28	0.4~0.6	100	1	40~100	Yes
SMD15PLHE3	SOD-123FL	1	50~80	30	0.7~0.85	100	1	50~80	No
SMD15PL~SMD18PL	SOD-123FL	1	50~80	30	0.7~0.85	100	1	50~80	No
SM5819PE	SOD-323HE	1	40	30	0.55	100	1	40	Yes
SMD14PE	SOD-323HE	1	40	30	0.52	50	1	40	No

2A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SB2150	DO-15	2	150	50	0.95	10	2	150	No
SB2200	DO-15	2	200	50	0.9	10	2	200	No
SB220L~SB2010L	DO-15	2	20~100	35	0.45~0.7	100	2	20~100	No
SB220~SB2010	DO-15	2	20~100	50	0.5~0.85	10~100	2	20~100	No
SB280~SB2010	DO-15	2	80~100	50	0.85	10	2	80~100	No
SS220FL	DO-221AC	2	200	45	0.9	2	2	200	No
SS22FL~SS210FL	DO-221AC	2	20~100	50	0.55~0.85	100	2	20~100	No
SL24FL~SL210FL	DO-221AC	2	40~100	50	0.47~0.72	100~500	2	40~100	Yes
SR202~SR2150	DO-41	2	20~150	50	0.55~0.95	10~100	2	20~150	No
SR208~SR2010	DO-41	2	80~100	50	0.85	10	2	80~100	No

Diodes

2A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SK225L	SMA	2	25	50	0.55	500	2	25	No
SS210H-L	SMA	2	100	50	0.85	5	2	100	No
SS22HE3-L~SS210HE3-L	SMA	2	20~100	50	0.55~0.85	100	2	20~100	No
SS22-L~SS220-L	SMA	2	20~200	50	0.55~0.90	100	2	20~200	No
SL24A~SL210A	SMA	2	40~100	50	0.47~0.75	100	2	40~100	Yes
SK22HE3-L~SK210HE3-L	SMB	2	20~100	50	0.5~0.85	50~100	2	20~100	No
SK22-L~SK220-L	SMB	2	20~200	50	0.50~0.90	10~100	2	20~200	No
SL24B~SL210B	SMB	2	40~100	50	0.47~0.75	100	2	40~100	No
SL22PL	SOD-123FL	2	20	40	0.42	100	2	20	Yes
SMD210HPL	SOD-123FL	2	100	50	0.85	5	2	100	No
SMD2150PL~SMD220PL	SOD-123FL	2	150~200	50	0.9	10	2	150~200	No
SMD22PLHE3~SMD210PLHE3	SOD-123FL	2	20~100	50	0.5~0.85	100	2	20~100	No
SMD22PL~SMD210PL	SOD-123FL	2	20~100	50	0.5~0.85	100	2	20~100	No
SL24PL~SL210PL	SOD-123FL	2	40~100	50	0.47~0.72	100	2	40~100	Yes
SMD23PE	SOD-323HE	2	30	30	0.6	50	2	30	Yes

3A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SR3200	DO-201AD	3	200	80	0.9	10	3	200	No
SR3150~SR3200	DO-201AD	3	150~200	80	0.9~0.92	10	3	150~200	No
SR302~SR345	DO-201AD	3	20~200	80	0.5~0.9	10~100	3	20	No
1N5820~1N5822	DO-201AD	3	20~40	80	0.475~0.525	100	3	20~40	No
SR305~SR3010	DO-201AD	3	50~100	80	0.72~0.85	100	3	50~100	No
SK3200AFL	DO-221AC	3	200	80	0.86	10	3	200	No
SK310AFLH~SK3200AFLH	DO-221AC	3	100~200	70	0.835~0.875	5	3	100~200	No
SK32AFL~SK310AFL	DO-221AC	3	20~100	80	0.5~0.85	100	3	20~100	No
SL34AFL~SL310AFL	DO-221AC	3	40~100	60	0.45~0.6	100	3	40~100	Yes
SK34AL-TPS02	SMA	3	40	90	0.43	100	3	40	Yes
SL345A	SMA	3	45	60	0.45	100	3	45	Yes
SK3150A-L	SMA	3	150	80	0.86	10	3	150	No
SK3200A-L	SMA	3	200	80	0.86	10	3	200	No
SK3150AHE3-L~SK3200AHE3-L	SMA	3	150~200	70	0.9	10	3	150~200	No
SK32A-L~SK310A-L	SMA	3	20~100	80	0.50~0.85	100	3	100	No
SL34A~SL310A	SMA	3	40~100	60	0.45~0.60	100	3	40~100	Yes
SK34AHE3-L~SK310AHE3-L	SMA	3	40~100	80	0.5~0.85	100	3	40~100	No
SK36BH-L	SMB	3	60	100	0.75	100	3	60	No
SK3150BHE3-L	SMB	3	150	80	0.86	10	3	150	No
SK3150B-L	SMB	3	150	80	0.86	10	3	150	No
SK3200BHE3-L	SMB	3	200	100	0.86	2	3	200	No
SK3200B-L	SMB	3	200	100	0.86	2	3	200	No

3A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SK32BHE3-L~SK310BHE3-L	SMB	3	20~100	100	0.5~0.85	100	3	20~100	No
SK32B-L~SK310B-L	SMB	3	20~100	100	0.50~0.85	100	3	20~100	No
SL34B~SL310B	SMB	3	40~100	60	0.45~0.6	100	3	40~100	Yes
SL310BFL	SMBF	3	100		0.75	1.5	3	100	No
SK310H	SMC	3	100	100	0.78	10	3	100	No
SK3150	SMC	3	150	80	0.86	10	3	150	No
SK3200	SMC	3	200	100	0.86	10	3	200	No
SK32~SK310	SMC	3	20~100	80	0.5~0.85	100	3	20~100	No
SK32HE3~SK310HE3	SMC	3	20~100	100	0.5~0.85	20~100	3	20	No
SMD32PL~SMD310PL	SOD-123FL	3	20~100	80	0.5~0.85	100	3	20~100	No
SMD34HE1~SMD320HE1	SOD-123HE1	3	40~200	80	0.52~0.85	10~50	3	40~200	No
MBR3U200	TO-277	3	200	240	0.85	50	3	200	No

4A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SK42BL~SK44BL	SMB	4	20~40	100	0.45	100	4	20~40	Yes
SK4200L	SMC	4	200	100	0.86	10	4	200	No
SK42L~SK44L	SMC	4	20~40	150	0.45	100	4	20~40	No

5A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SR545L	DO-201AD	5	45	120	0.43	200	5	45	Yes
SR506L	DO-201AD	5	60	120	0.49	100	5	60	Yes
SR506HL	DO-201AD	5	60	220	0.62	100	5	60	No
SR5010L	DO-201AD	5	100	80	0.7	100	5	100	No
SR5010H	DO-201AD	5	100	150	0.8	20	5	100	No
SR5010HL	DO-201AD	5	100	200	0.78	20	5	100	No
SR5200	DO-201AD	5	200	150	0.9	10	5	200	No
SR5150~SR5200	DO-201AD	5	150~200	150	0.9~0.92	10	5	150~200	No
SR5200H~SR5150H	DO-201AD	5	150~200	150	0.85~0.90	0.5	5	150~200	No
SR5150L~SR5200L	DO-201AD	5	150~200	150	0.8	10	5	150~200	Yes
SR502~SR5200	DO-201AD	5	20~200	150	0.55~0.92	10~100	5	20~200	No
SK52AFL~SK5200AFL	DO-221AC	5	20~200	100	0.55~0.9	10~100	5	20~200	No
SL54AFL~SL510AFL	DO-221AC	5	40~100	100	0.45~0.7	100	5	40~100	Yes
MBRD5100	DPAK	5	100	80	0.72	3	5	100	No

Diodes

5A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRD5100HL	DPAK	5	100	100	0.73	3.5	5	100	No
MBRD5100C	DPAK	5	100	140	0.76	10	5	100	No
MBRD5200	DPAK	5	200	130	0.86	5	5	200	No
MBRD5200CT	DPAK	5	200	140	0.84	5	2.5	200	No
MBR545F	ITO-220AC	5	45	80	0.55	100	5	45	No
SK5150A-L~SK5200A-L	SMA	5	150~200	100	0.9	10	5	150~200	No
SK52AHE3-L~SK510AHE3-L	SMA	5	20~100	100	0.55~0.85	100	5	20~100	No
SK52A-L~SK510A-L	SMA	5	20~100	100	0.55~0.85	100	5	20~100	No
SK510BH-L	SMB	5	100	100	0.85	5	5	100	No
SK52BHE3-L~SK510BHE3-L	SMB	5	20~100	100	0.55~0.85	50~100	5	20~100	No
SK52B-L~SK520B-L	SMB	5	20~200	100	0.55~0.9	50~100	5	20~200	No
SL54B~SL510B	SMB	5	40~100	100	0.45~0.65	100	5	40~100	Yes
SL54SBFL	SMBF	5	45	120	0.43	250	5	45	No
SK5150LHE3~SK5200LHE3	SMC	5	150~200	150	0.87~0.9	10	5	150~200	No
SK5150L~SK5200L	SMC	5	150~200	150	0.87~0.90	10	5	150~200	No
SK52LHE3~SK510LHE3	SMC	5	20~100	100	0.55~0.85	100	5	20~100	No
SK52L~SK510L	SMC	5	20~100	100	0.55~0.85	100	5	20~100	No
SL54~SL510	SMC	5	40~100	100	0.45~0.7	100	5	40~100	Yes
MBR545	TO-220AC	5	45	150	0.6	10	5	45	No
MBR5200HL	TO-220AC	5	200	150	0.85	10	5	200	No
MBR5U45	TO-277	5	45	130	0.47	200	5	45	No
MBR5U60	TO-277	5	60	150	0.55	100	5	60	No
MBR5U60SHE3	TO-277	5	60	200	0.65	100	5	60	No
MBR5U100	TO-277	5	100	120	0.54	100	5	100	No
MBR5U100H	TO-277	5	100	240	0.8	10	5	100	No
MBR5U100HHE3	TO-277	5	100	240	0.8	10	5	100	No

6A/7.5A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRD640CT	DPAK	6	40	78	0.54	100	3	40	No
MBRD660CT	DPAK	6	60	80	0.74	50	3	60	No
MBRD6100CT	DPAK	6	100	78	0.74	10	3	100	No
SK62L~SK610L	SMC	6	20~100	150	0.65~0.85	100	6	20~100	No
MBR720~MBR760	TO-220AC	7.5	20~60	150	0.75~0.84	50~100	7.5~15	20~60	No

8A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBRB8100H	D2-PAK	8	100	300	0.7	10	8	100	Yes
MBRB820~MBRB8100	D2-PAK	8	20~100	150	0.55~0.85	100	8	20~100	No
SR802~SR810	DO-201AD	8	20~100	150	0.65~0.85	100	8	20~100	No
MBRD845C	DPAK	8	45	150	0.51	100	8	45	No
SK82LHE3~SK810LHE3	SMC	8	20~100	200	0.65~0.8	100	8	20~100	No
SK82L~SK810L	SMC	8	20~100	200	0.65~0.8	100	8	20~100	No
MBR870~MBR8100	TO-220AC	8	70~100	125	0.85	100	8	70~100	No
MBR8U45	TO-277	8	45	150	0.47	200	8	45	No
MBR8U60A	TO-277	8	60	150	0.53	200	8	60	No
MBR8U60	TO-277	8	60	200	0.5	200	8	60	No

10A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBRB10100CT	D2-PAK	10	100	150	0.85	10	5	100	No
MBRB10150CT	D2-PAK	10	150	120	0.92	10	5	150	No
MBRB10200CTS	D2-PAK	10	200	120	0.93	10	5	200	No
MBRB10200CT	D2-PAK	10	200	150	0.9	10	5	200	No
MBRB1020~MBRB10200	D2-PAK	10	20~200	150	0.6~0.95	100	10	20~200	No
MBRB1030CT~MBRB1060CT	D2-PAK	10	30~60	125	0.55	100	5	30~60	No
MBRB1060CTH~MBRB10200CTH	D2-PAK	10	60~200	150	0.72~0.9	50	5	60~200	No
MBRD1045C	DPAK	10	45	150	0.51	100	10	45	No
MBRD10100	DPAK	10	100	180	0.73	50	10	100	No
MBRD10100CTS~MBRD10200CTS	DPAK	10	100~200	100	0.83~0.93	10	5	100~200	No
MBRD10100CTH~MBRD10200CTH	DPAK	10	100~200	120	0.8~0.9	10	5	100~200	No
MBRD10150CT~MBRD10200CT	DPAK	10	150~200	100	0.92	10	5	150~200	No
MBRD1020CT~MBRD10100CT	DPAK	10	20~100	150	0.65~0.85	10	5	20~100	No
MBRL1060FCT	ITO-220AB	10	60	100	0.6	100	5	60	Yes
MBR10150FCT	ITO-220AB	10	150	120	0.92	10	5	150	No
MBR10200FCT	ITO-220AB	10	200	125	0.92	100	5	200	No
MBRL10100FCT~MBRL10150FCT	ITO-220AB	10	100~150	120	0.72~0.9	100	5	100~150	Yes
MBR10100FCTH~MBR10200FCTH	ITO-220AB	10	100~200	120	0.8~0.9	10	5	100~200	No
MBR1020FCT~MBR10100FCT	ITO-220AB	10	20~100	120	0.7~0.85	100	5	20~100	No
MBR10200FH	ITO-220AC	10	200	150	0.85	10	5	200	No
MBR1020F~MBR10100F	ITO-220AC	10	20~100	150	0.55~0.85	100	10	20~100	No
SR1045	R-6	10	45	275	0.55	100	10	45	No
SK1045-L	SMC	10	45	250	0.55	200	10	45	No
SK1010H-L	SMC	10	100	150	0.82	10	10	100	No
MBRL1060CT	TO-220AB	10	60	100	0.6	100	5	60	Yes
MBRL1060CTA	TO-220AB	10	60	150	0.52	100	5	60	Yes

Diodes

10A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBR10150CT	TO-220AB	10	150	120	0.92	10	5	150	No
MBR10200CT	TO-220AB	10	200	150	0.95	10	10	200	No
MBRL10100CT~MBRL10150CT	TO-220AB	10	100~150	120	0.72~0.85	100	5	100~150	Yes
MBR10100CTH~MBR10200CTH	TO-220AB	10	100~200	120	0.8~0.9	10	5	100~200	No
MBR1020CT~MBR1060CT	TO-220AB	10	20~60	125	0.7~0.8	100	5	20~60	No
MBR1080CT~MBR10100CT	TO-220AB	10	80~100	120	0.85	100	5	80~100	No
MBR10150	TO-220AC	10	150	150	0.9	100	10	150	No
MBR1020~MBR10100	TO-220AC	10	20~100	150	0.65~0.84	100	10	20~100	No
MBR10U45L	TO-277	10	45	275	0.47	500	10	50	Yes
MBR10U60	TO-277	10	60	275	0.5	350	10	60	No
MBR10U100H	TO-277	10	100	240	0.85	10	10	100	No
MBR10U100HHE3	TO-277	10	100	240	0.85	10	10	100	No
MBR10U150	TO-277	10	150	200	0.79	100	10	150	No
MBR10U200HE3	TO-277	10	200	200	0.85	100	10	200	No
MBR10U200	TO-277	10	200	240	0.82	5	10	200	No

12A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
SB1220~SB12100	DO-201AD	12	20~100	250	0.55~0.85	500	12	20~100	No
MBRD1220CT~MBRD1245CT	DPAK	12	20~45	150	0.47	100	6	20~45	No
MBRD1260CT~MBRD12100CT	DPAK	12	60~100	150	0.7~0.85	50	6	60~100	No
MBR12U100L	TO-277	12	100	180	0.6	500	12	100	Yes

15A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRB1535~MBRB1545	D2-PAK	15	35~45	250	0.52	150	15	35~45	No
MBRD1520~MBRD15100	DPAK	15	20~100	150	0.63~0.84	100	15	20~100	No
MBR1545FA	ITO-220AC	15	45	250	0.6	200	15	45	No
15SQ045	R-6	15	45	275	0.48	100	15	45	No
MBRL1535~MBRL1545	TO-220AC	15	35~45	250	0.52	150	15	35~45	No
MBR15U45	TO-277	15	45	275	0.47	500	15	45	No
MBR15U45HE3	TO-277	15	45	300	0.54	100	15	45	No
MBR15U60	TO-277	15	60	300	0.5	500	15	50	No
MBR15U100L	TO-277	15	100	200	0.69	200	15	100	No
MBR15U100	TO-277	15	100	275	0.85	100	15	100	No
MBR15U150	TO-277	15	150	250	0.84	100	15	150	No

16A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRB1620CT~MBRB1660CT	D2-PAK	16	20~60	150	0.7~0.8	100	8	20~60	No
MBR1620FCT~MBR16100FCT	ITO-220AB	16	20~100	150	0.55~0.85	200	8	20~100	No
MBR16100CT	TO-220AB	16	100	125	0.85	100	8	100	No
MBR1620CT~MBR1660CT	TO-220AB	16	20~60	125	0.7~0.8	100	8	20~60	No
MBR1620~MBR1660	TO-220AC	16	20~60	150	0.63~0.75	200~500	16	20~60	No

20A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRBL2045CT	D2-PAK	20	45	180	0.55	100	10	45	Yes
MBRBL2045C	D2-PAK	20	45	300	0.53	100	20	45	Yes
MBRBL20100CT	D2-PAK	20	100	150	0.72	100	10	100	Yes
MBRBL20U100CT	D2-PAK	20	100	250	0.65	100	10	100	Yes
MBRB20150CT	D2-PAK	20	150	130	0.9	10	10	150	No
MBRBL20150CT	D2-PAK	20	150	160	0.84	50	10	150	Yes
MBRB20200CTHS	D2-PAK	20	200	130	0.95	10	10	200	No
MBRB20200CT	D2-PAK	20	200	150	0.95	10	10	200	No
MBRBL20200CT	D2-PAK	20	200	150	0.88	50	5	200	Yes
MBRB20300CT	D2-PAK	20	300	200	0.975	50	10	300	No
MBRB20100CTH~MBRB20200CTH	D2-PAK	20	100~200	150	0.8~0.9	10	10	100~200	No
MBRB2020CT~MBRB20100CT	D2-PAK	20	20~100	150	0.84~0.95	100	20	20~100	No
MBRD2060CT	DPAK	20	60	125	0.75	200	10	60	No
MBRDL2060CT	DPAK	20	60	125	0.6	100	10	60	Yes
MBRD20100	DPAK	20	100	200	0.76	50	20	100	No
MBRDL20100CT	DPAK	20	100	250	0.72	100	10	100	Yes
MBRD20100CTH~MBRD20200CTH	DPAK	20	100~200	130	0.85~0.9	10	10	100~200	No
MBR2045FCTS	ITO-220AB	20	45	150	0.65	200	10	45	No
MBRL2045FCT	ITO-220AB	20	45	150	0.52	200	10	45	Yes
MBRL2060FCT	ITO-220AB	20	60	150	0.6	100	10	60	Yes
MBR20100FCTS	ITO-220AB	20	100	130	0.91	10	20	100	No
MBRL20U100FCT	ITO-220AB	20	100	250	0.65	100	10	100	Yes
MBR20150FCT	ITO-220AB	20	150	150	0.92	25	10	150	No
MBR20200FCT	ITO-220AB	20	200	150	0.95	50	10	200	No
MBRL20200FCT	ITO-220AB	20	200	160	0.88	50	10	200	Yes
MBR20300FCT	ITO-220AB	20	300	200	0.975	50	10	300	No
MBRL20100FCT~MBRL20150FCT	ITO-220AB	20	100~150	200	0.72~0.9	100	10	100~150	Yes
MBR20100FCTH~MBR20200FCTH	ITO-220AB	20	100~200	150	0.82~0.9	10	10	100~200	No
MBR2020FCT~MBR20100FCT	ITO-220AB	20	20~100	150	0.7~0.85	50~100	10	20~100	No
MBRL2045CT	TO-220AB	20	45	150	0.52	200	10	45	Yes
MBRL20U45CT	TO-220AB	20	45	280	0.45	180	10	45	Yes
MBRL2060CT	TO-220AB	20	60	150	0.6	100	10	60	Yes
MBRL20U60CT	TO-220AB	20	60	150	0.56	120	10	60	Yes

Diodes

20A/25A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBR20100CTB	TO-220AB	20	100	150	0.95	10	20	100	No
MBRL20100CT	TO-220AB	20	100	200	0.7	100	10	100	Yes
MBRL20U100CT	TO-220AB	20	100	250	0.65	100	10	100	Yes
MBRL20120CT	TO-220AB	20	120	200	0.85	100	10	120	Yes
MBR20150CT	TO-220AB	20	150	150	0.92	10	10	150	No
MBRL20150CT	TO-220AB	20	150	200	0.85	10	10	150	Yes
MBR20200CT	TO-220AB	20	200	150	0.95	10	10	200	No
MBR20200CTS	TO-220AB	20	200	150	0.95	10	10	200	No
MBRL20200CT	TO-220AB	20	200	160	0.88	10	10	200	Yes
MBR20300CT	TO-220AB	20	300	200	0.975	50	10	300	No
MBR20100CTH~MBR20200CTH	TO-220AB	20	100~200	150	0.82~0.9	10	10	100~200	No
MBR2020CT~MBR20100CT	TO-220AB	20	20~100	150	0.84~0.95	100	20	20~100	No
MBR20150PT	TO-247	20	150	135	0.88	10	10	150	No
MBR40200PTH	TO-247	20	200	40	0.9	50	40	200	No
MBR20200PT	TO-247	20	200	250	0.9	10	10	200	No
MBR20U100L	TO-277	20	100	300	0.7	100	20	100	Yes
MBR20U45	TO-277	20	45	300	0.5	500	20	45	No
MBR2520CT~MBR2560CT	TO-220AB	25	20~60	150	0.75~0.82	200	15~25	20~60	No

30A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRBL3045CT	D2-PAK	30	45	200	0.53	200	15	45	Yes
MBRBL3060CT	D2-PAK	30	60	240	0.63	100	15	60	Yes
MBRBL30100CT	D2-PAK	30	100	200	0.72	100	15	100	No
MBRB30100CT	D2-PAK	30	100	250	0.85	10	15	100	No
MBRBL30U100CT	D2-PAK	30	100	320	0.64	100	15	100	Yes
MBRBL30120	D2-PAK	30	120	320	0.88	50	30	120	Yes
MBRB30150CT	D2-PAK	30	150	200	0.9	20	15	150	No
MBRBL30150CT	D2-PAK	30	150	220	0.84	100	15	150	Yes
MBRB30100CTH~MBRB30200CTH	D2-PAK	30	100~200	250	0.8~0.9	10	15	100~200	No
MBRB2520CT~MBRB2560CT	D2-PAK	30	20~60	150	0.75~0.82	200	15~30	20~60	No
MBRB3030CT~MBRB3060CT	D2-PAK	30	30~60	250	0.55~0.72	100	15	30~60	No
MBR3045FCTS	ITO-220AB	30	45	200	0.65	200	15	45	No
MBRL3045FCT	ITO-220AB	30	45	250	0.55	100	15	45	Yes
MBRL3060FCT	ITO-220AB	30	60	200	0.6	100	15	60	Yes
MBRL30100FCT	ITO-220AB	30	100	200	0.72	100	15	100	Yes
MBRL30U100FCT	ITO-220AB	30	100	320	0.64	100	15	100	Yes
MBRL30150FCT	ITO-220AB	30	150	220	0.84	100	15	150	Yes
MBR30150FCT	ITO-220AB	30	150	260	0.9	5	15	150	No
MBR30200FCT	ITO-220AB	30	200	200	1.05	100	30	200	No
MBR30200FCTH	ITO-220AB	30	200	250	1	10	30	200	No

30A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRL30200FCT	ITO-220AB	30	200	250	0.85	50	15	200	Yes
MBR30100FCTH~MBR30150FCTH	ITO-220AB	30	100~150	250	0.85	10	15	100~150	No
MBR3020FCT~MBR30100FCT	ITO-220AB	30	20~100	250	0.6~0.85	100	15	20~100	No
MBR2535FCT~MBR2560FCT	ITO-220AB	30	35~60	150	0.75~0.82	100~200	12.5~25	35~60	No
30SQ045	R-6	30	45	275	0.52	100	30	45	No
MBRL3045CT	TO-220AB	30	45	250	0.53	200	15	45	Yes
MBRL3060CT	TO-220AB	30	60	240	0.62	100	15	60	Yes
MBRL30100CT	TO-220AB	30	100	200	0.72	100	15	100	Yes
MBR30100CT	TO-220AB	30	100	250	0.85	10	15	100	No
MBRL30U100CT	TO-220AB	30	100	320	0.64	100	15	100	Yes
MBRL30120CT	TO-220AB	30	120	250	0.88	100	15	120	Yes
MBR30150CT	TO-220AB	30	150	200	0.9	10	15	150	No
MBRL30150CT	TO-220AB	30	150	220	0.84	100	15	150	Yes
MBR30200CT	TO-220AB	30	200	200	0.95	100	15	200	No
MBR30200CTH	TO-220AB	30	200	250	1	10	30	200	No
MBRL30200CT	TO-220AB	30	200	250	0.88	100	15	200	No
MBR30300CTH	TO-220AB	30	300	250	1.3	10	15	300	No
MBR30100CTH~MBR30150CTH	TO-220AB	30	100~150	250	0.85	10	15	100~150	No
MBR3030CT~MBR3060CT	TO-220AB	30	30~60	200	0.84~0.95	100	30	30~60	No
MBR3045PT	TO-247	30	45	275	0.55	100	15	45	No
MBR30100PT	TO-247	30	100	300	0.8	50	15	100	No
MBR30150PT	TO-247	30	150	275	0.87	10	15	150	No
MBR30200PT	TO-247	30	200	275	0.9	10	15	200	No

40A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRBL40U60CT	D2-PAK	40	60	300	0.53	200	20	60	Yes
MBRBL40100CT	D2-PAK	40	100	300	0.71	80	20	100	Yes
MBRBL40120CT	D2-PAK	40	120	300	0.82	100	20	120	Yes
MBRB40200CT	D2-PAK	40	200	450	0.9	10	20	200	No
MBRL40100FCT	ITO-220AB	40	100	300	0.71	80	20	100	Yes
MBRL40120FCT	ITO-220AB	40	120	320	0.85	100	20	120	Yes
MBRL40U60CT	TO-220AB	40	60	300	0.56	200	20	60	Yes
MBR40100CTH	TO-220AB	40	100	250	0.85	10	20	100	No
MBRL40100CT	TO-220AB	40	100	300	0.71	80	20	100	Yes
MBRL40U100CT	TO-220AB	40	100	300	0.71	100	20	100	Yes
MBRL40120CT	TO-220AB	40	120	320	0.85	100	20	120	Yes
MBRL40150CT	TO-220AB	40	150	250	0.88	50	20	150	Yes
MBR40150CT	TO-220AB	40	150	300	0.85	100	20	150	No

Diodes

40A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBR40200CT	TO-220AB	40	200	450	0.9	10	20	200	No
MBRL40300CT	TO-220AB	40	300	200	0.95	10	20	300	Yes
MBR40300CTH	TO-220AB	40	300	430	1.3	10	20	300	No
MBR4045PT	TO-247	40	45	250	0.61	100	20	45	No
MBR4060PT	TO-247	40	60	400	0.72	200	20	60	No
MBR40100PT	TO-247	40	100	400	0.8	50	20	100	No
MBR40200PT	TO-247	40	200	250	0.91	50	20	200	No

60A Schottky Barrier Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	
MBRL60100CT	TO-220AB	60	100	320	0.79	200	30	100	Yes
MBR60200CT	TO-220AB	60	200	450	0.9	20	30	200	No
MBR60150PT	TO-247	60	150	400	0.9	10	30	150	No
MBR60200PT	TO-247	60	200	450	0.9	20	30	200	No

Switching Diodes

Part Number	Package	Power Dissipation	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Internal structure
		P _D (mW)	I _{F(AV)} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)	
BAS16T	SOT-523	150	0.075	85	4	1	2	0.05	75	0.004	Fig.1
BAV70T	SOT-523	150	0.075	85	4	1	2	0.05	75	0.004	Fig.5
BAV99T	SOT-523	150	0.075	85	4	1	2	0.05	75	0.004	Fig.6
BAW56T	SOT-523	150	0.075	85	4	1	2	0.05	75	0.004	Fig.4
DA204U	SOT-323	200	0.1	20		1	0.1	0.01	15		Fig.6
1SS357	SOD-323	200	0.1	45	1	0.36	5	0.01	40		Fig.7
BAL99	SOT-23	350	0.1	70		0.715	2.5	0.001	70	0.006	Fig.3
BAS16W	SOD-123	350	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
⚡ BAS16WHE3	SOD-123	350	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
BAS16WX	SOD-323	350	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
⚡ BAS16WXHE3	SOD-323	350	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
1SS187	SOT-23	150	0.1	80	2	0.92	0.5	0.1	80	0.004	Fig.2
1SS193	SOT-23	150	0.1	80		1.2	0.5	0.1	80	0.004	Fig.1
1SS226	SOT-23	150	0.1	80	0.3	0.715	0.5	0.001	80	0.004	Fig.6
DAN202	SOT-23	200	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.5
DAP202	SOT-23	200	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.4
DAN202L	SOT-23-3L	200	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.5
DAP202L	SOT-23-3L	200	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.4
DAN202U	SOT-323	200	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.5
DAP202U	SOT-323	200	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.4
DAN222	SOT-523	-	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.5
DAP222	SOT-523	-	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.4
1SS355	SOD-323	-	0.1	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
1SS400	SOD-523	150	0.1	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
BAS16WXH	SOD-323	350	0.1	100	1	1.25	1	0.15	75	0.006	Fig.7
BAS16WT	SOT-323	200	0.15	75	2	1	1	0.05	75	0.004	Fig.1
MMBD4148WT	SOT-323	200	0.15	75	2	1	1	0.05	75	0.004	Fig.1
⚡ BAS16WTHE3	SOT-323	200	0.15	75	2	1	1	0.05	75	0.004	Fig.1
⚡ MMBD4148WTHE3	SOT-323	200	0.15	75	2	1	1	0.05	75	0.004	Fig.1
BAV70WT	SOT-323	200	0.15	75	2	1	2.5	0.05	75	0.004	Fig.5
BAW56WT	SOT-323	200	0.15	75	2	1	2.5	0.05	75	0.004	Fig.4
BAS16TW	SOT-363	200	0.15	75		1	1	0.05	75	0.004	Fig.9
MMBD4148TW	SOT-363	200	0.15	75		1	1	0.05	75	0.004	Fig.9
BAV756DW	SOT-363	200	0.15	75	2	1.25	2.5	0.15	75	0.004	Fig.14
BAV99BRW	SOT-363	200	0.15	75	1	0.855	2.5	0.01	75	0.004	Fig.13
BAV99DW	SOT-363	200	0.15	75	2	0.855	2.5	0.01	75	0.004	Fig.12
BAW56DW	SOT-363	200	0.15	75	2	1	2.5	0.05	75	0.004	Fig.11
⚡ 1SS355HE3	SOD-323	-	0.15	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
1SS355L	SOD-323FL	-	0.15	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
1N4148WL2	DFN1006-2L	100	0.15	100	4	1	5	0.05	75	0.004	Fig.7
1N4148W	SOD-123	400	0.15	100	1	0.715	50	0.001	75	0.004	Fig.7
⚡ 1N4148WHE3	SOD-123	400	0.15	100	1	0.715	50	0.001	75	0.004	Fig.7
1N4148WX	SOD-323	200	0.15	100	2	1	1	0.05	75	0.004	Fig.7
⚡ 1N4148WXHE3	SOD-323	250	0.15	100	2	1	1	0.05	75	0.004	Fig.7

Diodes

Switching Diodes

Part Number	Package	Power Dissipation	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Internal structure
		P _D (mW)	I _{F(AV)} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)	
1N4148WXL	SOD-323FL	200	0.15	100	2	1	1	0.05	75	0.004	Fig.7
1N4148X	SOD-523	200	0.15	100	2	1.25	1	0.15	75	0.004	Fig.7
1N4148XHE3	SOD-523	200	0.15	100	2	1.25	1	0.15	75	0.004	Fig.7
BAV70WTHE3	SOT-323	-	0.15	100	1	1.25	2	0.15	75	0.004	Fig.5
BAV99WT	SOT-323	200	0.15	100	2	1	2.5	0.05	75	0.004	Fig.6
BAV99WTHE3	SOT-323	-	0.15	100	2	1	2.5	0.05	75	0.004	Fig.6
BAV199WT	SOT-323	200	0.16	85	4	1	0.005	0.01	75	3	Fig.6
BAV199DW	SOT-363	200	0.16	85		1	0.005	0.01	75	3	Fig.12
BAV74	SOT-23	225	0.2	50		1	0.1	0.1	50	0.004	Fig.5
MMSD914	SOD-123	400	0.2	75	2	1	2.5	0.01	75	0.004	Fig.7
BAS16X	SOD-523	150	0.2	75	0.5	1	1	0.05	75	0.006	Fig.7
BAS716	SOD-523	225	0.2	75	1	1	0.005	0.01	75	3	Fig.7
BAS116	SOT-23	225	0.2	75		1	0.005	0.01	75	3	Fig.1
BAS16V	SOT-563	150	0.2	75		1	1	0.05	75	0.004	Fig.8
BAV70M	SOT-723	150	0.2	75	2	1.25	2.5	0.15	75	0.004	Fig.5
MMDL914	SOD-323	200	0.2	100	0.5	1	0.025	0.01	20	0.004	Fig.7
MMBD4148	SOT-23	350	0.2	100	1	0.855	0.025	0.01	20	0.004	Fig.1
MMBD4148CA	SOT-23	350	0.2	100	1	1	0.025	0.05	20	0.004	Fig.4
MMBD4148CC	SOT-23	350	0.2	100	1	1	0.025	0.05	20	0.004	Fig.5
MMBD4148SE	SOT-23	350	0.2	100	1	1	0.025	0.05	20	0.004	Fig.6
MMBD4148HE3	SOT-23	350	0.2	100	1	0.855	0.025	0.1	20	0.004	Fig.1
MMBD7000	SOT-23	225	0.2	100	0.5	0.82	1	0.01	50	0.004	Fig.6
MMBD914	SOT-23	350	0.2	100	1	0.855	0.025	0.01	20	0.004	Fig.1
BAS19WT	SOT-323	200	0.2	100		1	0.1	0.1	100	0.05	Fig.1
BAS19WTHE3	SOT-323	200	0.2	100		1	0.1	0.1	100	0.05	Fig.1
BAV19WS	SOD-323	250	0.2	120	9	1.25	0.1	0.2	100	0.05	Fig.7
BAV19WSHE3	SOD-323	250	0.2	120	9	1.25	0.1	0.2	100	0.05	Fig.7
BAS19	SOT-23	350	0.2	120	9	1.25	0.1	0.225	120	0.05	Fig.1
BAS19HE3	SOT-23	350	0.2	120	9	1.25	0.1	0.225	120	0.05	Fig.1
BAS20WT	SOT-323	200	0.2	150		1	0.1	0.1	150	0.05	Fig.1
BAS20WTHE3	SOT-323	200	0.2	150		1	0.1	0.1	150	0.05	Fig.1
BAV20WS	SOD-323	250	0.2	200	9	1.25	0.1	0.2	150	0.05	Fig.7
BAV20WSHE3	SOD-323	250	0.2	200	9	1.25	0.1	0.2	150	0.05	Fig.7
BAS20	SOT-23	350	0.2	200	9	1.25	0.1	0.225	200	0.05	Fig.1
BAS20HE3	SOT-23	350	0.2	200	9	1.25	0.1	0.225	200	0.05	Fig.1
BAS21WT	SOT-323	200	0.2	200		1	0.1	0.1	200	0.05	Fig.1
BAS21WTHE3	SOT-323	200	0.2	200		1	0.1	0.1	200	0.05	Fig.1
BAS21WS	SOD-323	200	0.2	250	0.625	1.25	0.1	0.2	200	0.05	Fig.7
BAV21WS	SOD-323	250	0.2	250	9	1.25	0.1	0.2	200	0.05	Fig.7
BAV21WSHE3	SOD-323	250	0.2	250	9	1.25	0.1	0.2	200	0.05	Fig.7
BAS21X	SOD-523	150	0.2	250	9	1.25	0.1	0.2	200	0.05	Fig.7
BAS21	SOT-23	350	0.2	250	9	1.25	0.1	0.225	250	0.05	Fig.1
BAS21HE3	SOT-23	350	0.2	250	9	1.25	0.1	0.225	250	0.05	Fig.1
BAS21A	SOT-23	225	0.2	250	2.5	1.1	1	0.1	200	0.05	Fig.4

Switching Diodes

Part Number	Package	Power Dissipation	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Internal structure
		P _D (mW)	I _{F(AV)} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)	
BAS21C	SOT-23	225	0.2	250	2.5	1.1	1	0.1	200	0.05	Fig.5
BAS21S	SOT-23	225	0.2	250	2.5	1.1	1	0.1	200	0.05	Fig.6
BAS21T	SOT-523	150	0.2	250	9	1	0.1	0.1	250	0.05	Fig.1
BAV199	SOT-23	-	0.215	70		1.25	0.005	0.15	75	3	Fig.6
BAS116L2B	DFN1006-2L	300	0.215	85	4	1.25	0.005	0.15	75	3	Fig.7
BAS28	SOT-143	250	0.215	85	4	1	1	0.05	75	0.004	Fig.18
BAV170	SOT-23	250	0.215	85	4	0.9	0.005	0.001	75	3	Fig.5
BAV199HE3	SOT-23	-	0.215	85		1.25	0.005	0.15	75	3	Fig.6
BAS16	SOT-23	350	0.215	100	1	1.25	1	0.1	75	0.004	Fig.1
BAS16HE3	SOT-23	350	0.215	100	1	1.25	1	0.1	75	0.004	Fig.1
BAV70	SOT-23	350	0.215	100	1	0.855	1	0.01	75	0.004	Fig.5
BAV70HE3	SOT-23	350	0.215	100	1	0.855	1	0.01	75	0.004	Fig.5
BAV99	SOT-23	350	0.215	100	1	0.855	2.5	0.01	75	0.004	Fig.6
BAV99HE3	SOT-23	350	0.215	100	1	0.855	2.5	0.01	75	0.004	Fig.6
BAV116W	SOD-123	350	0.215	130	1	1.25	0.005	0.15	75	3	Fig.7
BAV316	SOD-323	250	0.215	130	2	1.1	0.005	0.15	75	3	Fig.7
BAV23A	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.4
BAV23C	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.5
BAV23S	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.6
BAV23AHE3	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.4
BAV23CHE3	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.5
BAV23SHE3	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.6
BAV3004W	SOD-123	400	0.225	300	4	1	0.1	0.1	240	0.05	Fig.7
BAV3004X	SOD-523	150	0.225	300	4	1.25	0.1	0.2	240	0.05	Fig.7
MMBD2004S	SOT-23	250	0.225	300	1	1	0.1	0.1	240	0.05	Fig.6
MMBD2004SWT	SOT-323	250	0.225	300	1	1	0.1	0.1	240	0.05	Fig.6
BAV3004WS	SOD-323	200	0.225	350	4	1.25	0.1	0.2	240	0.05	Fig.7
MMBD3004S	SOT-23	410	0.225	350	4	1	0.1	0.1	240	0.05	Fig.6
1N4448WXHE3	SOD-323	200	0.25	75	2	1	2.5	0.1	75	0.004	Fig.7
BAW56	SOT-23	350	0.25	75	1	0.855	2.5	0.01	75	0.004	Fig.4
BAW56HE3	SOT-23	350	0.25	75	1	0.855	2.5	0.01	75	0.004	Fig.4
MMBD4448DW	SOT-363	200	0.25	75	4	1	2.5	0.05	75	0.004	Fig.8
MMBD4448HADW	SOT-363	200	0.25	80	4	1	0.1	0.05	70	0.004	Fig.11
MMBD4448HAQW	SOT-363	200	0.25	80	4	1	0.1	0.05	70	0.004	Fig.15
MMBD4448HCDW	SOT-363	200	0.25	80	4	1	0.1	0.05	70	0.004	Fig.10
MMBD4448HCQW	SOT-363	200	0.25	80	4	1	0.1	0.05	70	0.004	Fig.16
MMBD4448HSDW	SOT-363	200	0.25	80	4	1	0.1	0.05	70	0.004	Fig.12
MMBD4448HTW	SOT-363	200	0.25	80	4	1	0.1	0.05	70	0.004	Fig.9
MMBD4448V	SOT-563	150	0.25	80	4	1	0.1	0.1	70	0.004	Fig.8
1N4448W	SOD-123	500	0.25	100	2	1	0.025	0.1	20	0.004	Fig.7
1N4448WHE3	SOD-123	500	0.25	100	2	1	0.025	0.1	20	0.004	Fig.7
1N4448WX	SOD-323	200	0.25	100	2	1	1	0.1	75	0.004	Fig.7
BAS316	SOD-323	400	0.25	100	4	0.715	1	0.001	75	0.004	Fig.7
BAS316HE3	SOD-323	400	0.25	100	4	0.715	1	0.001	75	0.004	Fig.7

Diodes

Switching Diodes

Part Number	Package	Power Dissipation	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Internal structure
		P _D (mW)	I _{F(AV)} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)	
1N4448X	SOD-523	150	0.25	100	2	1	2.5	0.1	75	0.004	Fig.7
BAS516	SOD-523	150	0.25	100	0.5	0.715	0.03	0.001	25	0.004	Fig.7
BAS516HE3	SOD-523	150	0.25	100	0.5	0.715	0.03	0.001	25	0.004	Fig.7
MMBD4448	SOT-23	350	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.1
MMBD4448WT	SOT-323	200	0.25	100	4	0.72	0.025	0.005	20	0.004	Fig.1
MMBD4448HT	SOT-523	150	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.1
MMBD4448HTA	SOT-523	150	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.4
MMBD4448HTC	SOT-523	150	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.5
MMBD4448HTS	SOT-523	150	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.6
BAV19W	SOD-123	410	0.25	120	1	1	0.1	0.1	100	0.05	Fig.7
BAV19WHE3	SOD-123	410	0.25	120	1	1	0.1	0.1	100	0.05	Fig.7
BAV20W	SOD-123	410	0.25	200	1	1	0.1	0.1	150	0.05	Fig.7
BAV20WHE3	SOD-123	410	0.25	200	1	1	0.1	0.1	150	0.05	Fig.7
BAV21W	SOD-123	410	0.25	250	1	1	0.1	0.1	200	0.05	Fig.7
BAV21WHE3	SOD-123	410	0.25	250	1	1	0.1	0.1	200	0.05	Fig.7
BAV70DW	SOT-363	200	0.3	75	2	1	2.5	0.05	75	0.004	Fig.10
DAN217	SOT-23	200	0.3	80	1	1.2	0.1	0.1	70	0.004	Fig.6
DAN217U	SOT-323	200	0.3	80	1	1.2	0.2	0.1	70	0.004	Fig.6
MMBD1501	SOT-23	350	0.6	180	1	1.5	5	0.3	180		Fig.1
MMBD1503	SOT-23	350	0.6	180	1	1.5	5	0.3	180		Fig.6
MMBD1504	SOT-23	350	0.6	180	1	1.5	5	0.3	180		Fig.5
MMBD1505	SOT-23	350	0.6	180	1	1.5	5	0.3	180		Fig.4

Internal Structure

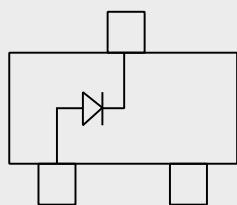


Fig.1

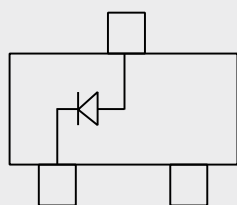


Fig.2

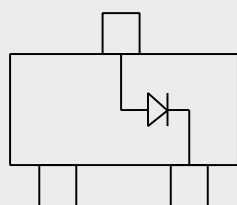


Fig.3

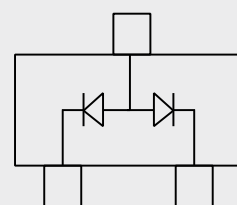


Fig.4

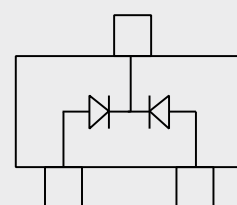


Fig.5

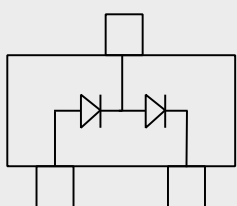


Fig.6

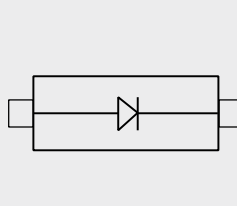


Fig.7

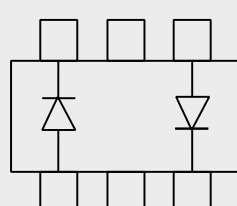


Fig.8

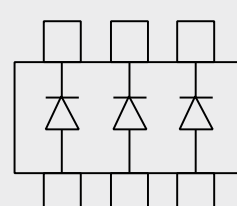


Fig.9

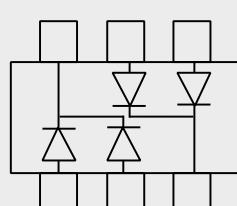


Fig.10

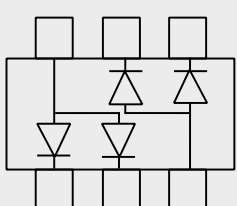


Fig.11

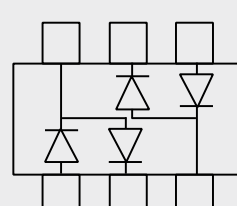


Fig.12

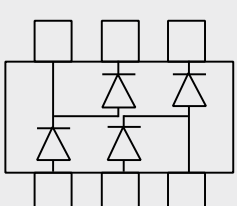


Fig.13

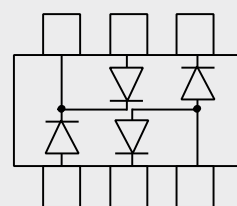


Fig.14

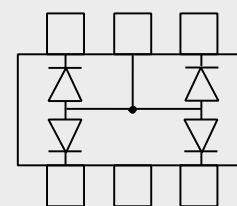


Fig.15

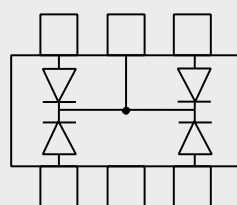


Fig.16

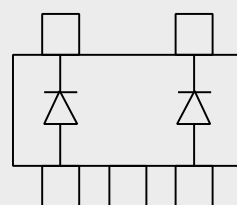


Fig.17

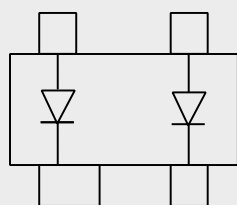


Fig.18

Diodes

RF Switching Diodes

Part Number	Package	Power Rating	Forward Current	Reverse Voltage	Diode Capacitance	Diode Forward Resistance
		P_D (mW)	$I_{F(AV)}$ (A)	V_R (V)	C_D (pF)	R_D (Ω)
KI592	SOD-323	0.5	0.1	50	2.0	0.7