



Diodes

Diodes are the cornerstone of modern electronics, and our extensive lineup enables efficiency and flexibility to meet your specific needs. Whether it's a Zener, Schottky, FRED, or a broad range of rectifiers, our diodes deliver exceptional performance and reliability for a range of demanding applications. Choose from smart solutions — including automotive-grade offerings — in the configurations you need to remain competitive in an evolving marketplace.

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PRODUCT

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APPLICATION

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Automotive Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Operating Junction Temperature
		P _D (W)	I _s (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)	T _J (°C)
BZT52C2V4L3PHE3~BZT52C39L3PHE3	DFN1006-2L	0.15	0.0001~0.05	1~35	2.4~47	2~5	10~130	80~750	0.5~1	150
BZX584B3V6HE3~BZX584B36HE3	SOD-523	0.15	0.0001~0.005	1~25.2	3.6~36	2~5	10~90	80~600	0.5~1	150
BZX584C2V4HE3~BZX584C39HE3	SOD-523	0.15	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
AZ23C2V4WHE3~AZ23C39WHE3	SOT-323	0.20	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
BZT52B3V6JSHE3~BZT52B47JSHE3	SOD-323	0.20	0.000045~0.0045	1~33	3.6~47	5	10~160	80~564	0.5~1	150
BZT52C2V4SHE3~BZT52C47SHE3	SOD-323	0.20	0.0001~0.05	1~35	2.4~47	2~5	10~130	80~750	0.5~1	150
BZX84C2V4WHE3~BZX84C47WHE3	SOT-323	0.20	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
AZ23B3V6HE3~AZ23B39HE3	SOT-23	0.30	0.0001~0.005	1~27.3	3.6~39	2~5	10~130	80~600	0.5~1	150
AZ23C2V4HE3~AZ23C39HE3	SOT-23	0.30	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
BZT52C75SHE3	SOD-323	0.30	0.00005	52.5	75	2	255	500	0.5	150
DZ23C2V4HE3~DZ23C47HE3	SOD-323	0.30	0.0001~0.05	0.8~35	2.4~47	5	7~100	80~750	1	150
BZX84B4V3HE3~BZX84B36HE3	SOT-23	0.35	0.0001~0.005	1~25.2	3.6~36	2~5	10~90	80~600	0.5~1	150
BZX84C2V4HE3~BZX84C47HE3	SOT-23	0.35	0.0001~0.05	1~32.9	2.4~47	2~5	10~170	80~600	0.5~1	150
BZT52B3V6HE3~BZT52B47HE3	SOD-123	0.50	0.0001~0.015	0.8~35	3.6~47	2~5	7~100	80~600	1	150
BZT52C2V4HE3~BZT52C47HE3	SOD-123	0.50	0.0001~0.05	1~35	2.4~47	2~5	10~130	80~750	0.5~1	150
MMSZ5221BHE3~MMSZ5261BHE3	SOD-123	0.50	0.0001~0.1	1~30	2.4~39	3.2~20	5~80	500~2000	0.25	150
DFLZ6V2Q~DFLZ100Q	SOD-123FL	1.00	0.005~0.01	3~76	6.2~100	2.5~41	2~350	700~3000	0.25~1	175
SMAJ4735AQ~SMAJ4764AQ	SMA	1.00	0.005~0.01	3~76	6.2~100	2.5~41	2~350	700~3000	0.25~1	175
SMAJ5921BQ~SMAJ5956BQ	SMA	1.50	0.0005~0.01	5.2~152	6.8~200	1.9~55.1	2.5~1200	200~8000	0.25~1	175
SMAZ26.8AQ~SMAZ2220AQ	SMA	2.00	0.0005~0.01	4~167	6.8~220	2~73.5	2~2000	700~9990	0.25~1	175
3SMAJ5921BQ~3SMAJ5956BQ	SMA	3.00	0.001~0.005	5.2~152	6.8~200	1.9~55.1	2.5~1200	200~8000	0.25~1	150
3SMBJ5921BQ~3SMBJ5958BQ	SMB	3.00	0.0005~0.01	4~178	6.8~220	3.3~110	2~1600	700~8500	0.25~1	175

Automotive Switching Diodes



Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Power Dissipation	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	P_D (mW)	T_J (°C)
1N4148WHE3	SOD-123	0.15	100	0.715	50	0.001	75	0.004	400	150
1N4448WHE3	SOD-123	0.25	100	1	0.025	0.1	20	0.004	500	150
BAS16WHE3	SOD-123	0.1	75	1.25	1	0.15	75	0.006	350	150
BAV116WHE3	SOD-123	0.215	85	1.25	0.005	0.15	75	3	250	150
BAV19WHE3	SOD-123	0.25	120	1	0.1	0.1	100	0.05	410	150
BAV20WHE3	SOD-123	0.25	200	1	0.1	0.1	150	0.05	410	150
BAV21WHE3	SOD-123	0.25	250	1	0.1	0.1	200	0.05	410	150
1N4148WXHE3	SOD-323	0.15	100	1	1	0.05	75	0.004	200	150
1N4448WXHE3	SOD-323	0.25	75	1	2.5	0.1	75	0.004	200	150
1S5355HE3	SOD-323	0.15	90	1.2	0.1	0.1	80	0.004		150
BAS16WXHE3	SOD-323	0.1	75	1.25	1	0.15	75	0.006	350	150
BAS316HE3	SOD-323	0.25	100	0.715	1	0.001	75	0.004	400	150
BAS416HE3	SOD-323	0.2	100	1	0.005	0.01	75	3	250	150
BAV19WSHE3	SOD-323	0.2	120	1.25	0.1	0.2	100	0.05	250	150
BAV20WSHE3	SOD-323	0.2	200	1.25	0.1	0.2	150	0.05	250	150
BAV21WSHE3	SOD-323	0.2	250	1.25	0.1	0.2	200	0.05	250	150
1N4148XHE3	SOD-523	0.15	100	1.25	1	0.15	75	0.004	200	150
BAS21XHE3	SOD-523	0.2	250	1.1	0.15	0.1	250	0.05	150	150
BAS516HE3	SOD-523	0.25	100	0.715	0.03	0.001	25	0.004	150	150
BAS716HE3	SOD-523	0.2	75	1	0.005	0.01	75	3	200	150
BAS16HE3	SOT-23	0.215	100	1.25	1	0.1	75	0.004	350	150
BAS19HE3	SOT-23	0.2	120	1.25	0.1	0.225	120	0.05	350	150
BAS20HE3	SOT-23	0.2	200	1.25	0.1	0.225	200	0.05	350	150
BAS21HE3	SOT-23	0.2	250	1.25	0.1	0.225	250	0.05	350	150
BAV170HE3	SOT-23	0.215	100	0.9	0.005	0.001	75	3	250	150
BAV199HE3	SOT-23	0.215	85	1.25	0.005	0.15	75	3	250	150
BAV23AHE3	SOT-23	0.225	200	1.25	0.1	0.2	250	0.05	350	150
BAV23CHE3	SOT-23	0.225	200	1.25	0.1	0.2	250	0.05	350	150
BAV23SHE3	SOT-23	0.225	200	1.25	0.1	0.2	250	0.05	350	150
BAV70HE3	SOT-23	0.215	100	0.855	1	0.01	75	0.004	350	150
BAV99HE3	SOT-23	0.215	100	0.855	2.5	0.01	75	0.004	350	150
BAW56HE3	SOT-23	0.25	75	0.855	2.5	0.01	75	0.004	350	150
MMBD4148HE3	SOT-23	0.2	100	0.855	0.025	0.01	20	0.004	350	150
BAS21TUHE3	SOT23-6L	0.225	250	1.25	0.1	0.2	250	0.05	350	150
BAS16WTHE3	SOT-323	0.15	75	1	1	0.05	75	0.004	200	150
BAS19WTHE3	SOT-323	0.2	100	1	100	0.1	100	0.05	200	150
BAS20WTHE3	SOT-323	0.2	150	1	100	0.1	150	0.05	200	150
BAS21WTHE3	SOT-323	0.2	200	1	100	0.1	200	0.05	200	150
BAV199WTHE3	SOT-323	0.5	85	1.25	0.005	0.15	75	3	200	150
BAV23SWTHE3	SOT-323	0.225	250	1	0.1	0.1	250	0.05	200	150
BAV70WTHE3	SOT-323	0.15	100	1.25	2	0.15	75	0.004	200	150
BAV99WTHE3	SOT-323	0.15	100	1	2.5	0.05	75	0.004	200	150
BAW56WTHE3	SOT-323	0.15	75	1	2.5	0.05	75	0.004	200	150
MMBD4148WTHE3	SOT-323	0.15	75	1	1	0.05	75	0.004	200	150

Diodes



Automotive Switching Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Power Dissipation	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	P_D (mW)	T_J (°C)
MMBD4448HSDWHE3	SOT-363	0.25	80	1	0.1	0.05	70	0.004	200	150
MMBD4448HTWHE3	SOT-363	0.25	80	1	0.1	0.05	70	0.004	200	150



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	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
GS1GFLQ	DO-221AC	1	400	40	1.1	5	1	400	2	175
GS1JFLQ	DO-221AC	1	600	40	1.1	5	1	600	2	175
GS1MFLHE3	DO-221AC	1	1000	40	1.1	5	1	1000	-	150
GS2GFLQ	DO-221AC	2	400	50	1.15	5	2	400	2.5	175
GS2JFLQ	DO-221AC	2	600	50	1.15	5	2	600	2.5	175
GS2MFLHE3	DO-221AC	2	1000	50	1.15	5	2	1000	-	150
GS1AHE3-L	SMA	1	50	40	1	1	1	50	2	150
GS1DHE3-L	SMA	1	200	40	1	1	1	200	2	150
GS1GHE3-L	SMA	1	400	40	1	1	1	400	2	150
GS1JHE3-L	SMA	1	600	40	1	1	1	600	2	150
GS1MHE3-L	SMA	1	1000	40	1	1	1	1000	2	150
GS1GQ-L	SMA	1	400	40	1.1	5	1	400	2	175
GS1JQ-L	SMA	1	600	40	1.1	5	1	600	2	175
GS2DHE3-L	SMA	2	200	50	1.1	5	2	200	4	150
GS2GHE3-L	SMA	2	400	50	1.1	5	2	400	4	150
GS2JHE3-L	SMA	2	600	50	1.1	5	2	600	4	150
GS2MHE3-L	SMA	2	1000	50	1.1	5	2	1000	4	150
GS2GQ-L	SMA	2	400	50	1.1	5	2	400	2.5	175
GS2JQ-L	SMA	2	600	50	1.1	5	2	600	2.5	175
S2GHE3-L	SMB	2	400	50	1.1	5	2	400	-	150
S2JHE3-L	SMB	2	600	50	1.1	5	2	600	-	150
S2MHE3-L	SMB	2	1000	50	1.1	5	2	1000	-	150
S2GQ-L	SMB	2	400	50	1.1	5	2	400	2.5	175
S2JQ-L	SMB	2	600	50	1.1	5	2	600	2.5	175
S3GBHE3	SMB	3	400	100	1.15	10	3	400	-	150
S3JBHE3	SMB	3	600	100	1.15	10	3	600	-	150
S3MBHE3	SMB	3	1000	100	1.15	10	3	1000	-	150
S3GBQ	SMB	3	400	100	1.1	5	3	400	3	175
S3JBQ	SMB	3	600	100	1.1	5	3	600	3	175
S3BHE3	SMC	3	100	100	1.2	10	3	100	-	150
S3GHE3	SMC	3	400	100	1.2	10	3	400	-	150
S3JHE3	SMC	3	600	100	1.2	10	3	600	-	150

Automotive 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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
S3MHE3	SMC	3	1000	100	1.2	10	3	1000	-	150
S3GQ	SMC	3	400	100	1.1	5	3	400	3	175
S3JQ	SMC	3	600	100	1.1	5	3	600	3	175
S5GLHE3	SMC	5	400	100	1.15	5	5	400	-	150
S5JLHE3	SMC	5	600	100	1.15	5	5	600	-	150
S5MLHE3	SMC	5	1000	100	1.15	5	5	1000	-	150
S5GLQ	SMC	5	400	120	1.1	5	5	400	3.5	175
S5JLQ	SMC	5	600	120	1.1	5	5	600	3.5	175
S8GLHE3	SMC	8	400	200	1.05	5	8	400	-	150
S8JLHE3	SMC	8	600	200	1.05	5	8	600	-	150
S8MLHE3	SMC	8	1000	200	1.05	5	8	1000	-	150
S8GLQ	SMC	8	400	200	1.1	5	8	400	4	175
S8JLQ	SMC	8	600	200	1.1	5	8	600	4	175
S10DLHE3	SMC	10	200	200	1	5	10	200	-	150
SM4002PLHE3	SOD-123FL	1	100	30	1.1	1	1	100	3	150
SM4003PLHE3	SOD-123FL	1	200	30	1.1	1	1	200	3	150
SM4004PLHE3	SOD-123FL	1	400	30	1.1	1	1	400	3	150
SM4004PLQ	SOD-123FL	1	400	30	1.1	5	1	400	1.7	175
SM4005PLQ	SOD-123FL	1	600	30	1.1	5	1	600	1.7	175
SM4007PLHE3	SOD-123FL	1	1000	30	1.1	1	1	1000	3	150
GS1JPBQ	SOD-323HE-B	1	600	18	1.15	5	1	600	-	175

Diodes



Automotive 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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	$T_J(^{\circ}C)$
ES1DHE3-L	SMA	1	200	30	0.95	5	1	200	0.035	150
ES1GHE3-L	SMA	1	400	30	1.3	5	1	400	0.035	150
ES1JHE3-L	SMA	1	600	30	1.7	5	1	600	0.035	150
UG1DHE3	SMA	1	200	30	0.92	2	1	200	0.025	150
US1MHE3	SMA	1	1000	30	1.7	5	1	1000	0.075	150
MURS1JQ	SMA	1	600	30	1.3	5	1	600	0.05	175
ES2DHE3-L	SMA	2	200	50	0.95	5	2	200	0.035	150
ES2GHE3-L	SMA	2	400	50	1.3	5	2	400	0.035	150
ES2JHE3-L	SMA	2	600	50	1.7	5	2	600	0.035	150
UG2DAHE3	SMA	2	200	50	0.92	2	2	200	0.025	150
US2MAHE3	SMA	2	1000	50	1.7	5	2	1000	0.075	150
ER2DHE3-L	SMB	2	200	50	0.95	5	2	200	0.035	150
ER2GHE3-L	SMB	2	400	50	1.3	5	2	400	0.035	150
ER2JHE3-L	SMB	2	600	50	1.7	5	2	600	0.035	150
MURS2DHE3	SMB	2	200	50	0.92	2	2	200	0.025	150
ER3DBHE3	SMB	3	200	100	0.95	5	3	200	0.035	150
ER3GBHE3	SMB	3	400	100	1.3	5	3	400	0.035	150
ER3JBHE3	SMB	3	600	100	1.7	5	3	600	0.035	150
ER3DHE3	SMC	3	200	100	0.95	5	3	200	0.035	150
ER3GHE3	SMC	3	400	100	1.3	5	3	400	0.035	150
ER3JHE3	SMC	3	600	100	1.7	5	3	600	0.035	150
UG1DPLHE3	SOD-123FL	1	200	30	0.92	2	1	200	0.025	150
SFM14PLHE3	SOD-123FL	1	200	30	1	5	1	200	0.035	150
SFM16PLHE3	SOD-123FL	1	400	30	1.3	5	1	400	0.035	150
SFM18PLHE3	SOD-123FL	1	600	30	1.7	5	1	600	0.035	150
UFM17PLHE3	SOD-123FL	1	1000	30	1.7	5	1	1000	0.075	150

Automotive Small Signal Schottky Diodes



Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBR140P1Q	DFN1608-2L	1	40	0.6	20	1	40	150
SD101AWHE3	SOD-123	0.015	60	0.41	0.2	0.001	50	125
SD101BWHE3	SOD-123	0.015	50	0.4	0.2	0.001	40	125
SD101CWHE3	SOD-123	0.015	40	0.39	0.2	0.001	30	125
BAT46WHE3	SOD-123	0.15	100	1	2	0.25	75	125
BAT54WHE3	SOD-123	0.2	30	1	2	0.1	25	125
BAT54WHQ	SOD-123	0.2	30	1	2	0.1	25	150
SD103AWHE3	SOD-123	0.35	40	0.37	5	0.02	30	125
SD103BWHE3	SOD-123	0.35	30	0.37	5	0.02	20	125
SD103CWHE3	SOD-123	0.35	20	0.37	5	0.02	10	125
B0530WHE3	SOD-123	0.5	30	0.55	100	0.5	30	125
B0540WHE3	SOD-123	0.5	40	0.55	80	0.5	40	150
B5817WHE3	SOD-123	1	20	0.45	200	1	20	125
B5818WHE3	SOD-123	1	30	0.55	40	1	30	125
B5819WHE3	SOD-123	1	40	0.6	40	1	40	125
SD101AWSHE3	SOD-323	0.015	60	0.41	0.2	0.001	50	125
SD101BWSHE3	SOD-323	0.015	50	0.4	0.2	0.001	40	125
SD101CWSHE3	SOD-323	0.015	40	0.39	0.2	0.001	30	125
RB751V-40HE3	SOD-323	0.03	40	0.37	0.5	0.001	30	125
BAS70WXHE3	SOD-323	0.07	70	1	0.2	0.015	50	150
BAT46WSHE3	SOD-323	0.15	100	1	0.5	0.25	10	125
BAS40WXHE3	SOD-323	0.2	40	1	0.5	0.04	30	150
BAT54WSHE3	SOD-323	0.2	30	1	2	0.1	25	125
BAT54WSHQ	SOD-323	0.2	30	1	2	0.1	25	150
SD103AWSHE3	SOD-323	0.35	40	0.37	5	0.02	30	125
SD103BWSHE3	SOD-323	0.35	30	0.37	5	0.02	20	125
SD103CWSHE3	SOD-323	0.35	20	0.37	5	0.02	10	125
B0530WSHE3	SOD-323	0.5	30	0.55	300	0.5	30	125
B0540WSHE3	SOD-323	0.5	40	0.55	80	0.5	40	125
B0540WSHQ	SOD-323	0.5	40	0.55	80	0.5	20	150
RB551V-30HE3	SOD-323	0.5	30	0.47	100	0.5	20	125
B5817WSHE3	SOD-323	1	20	0.45	200	1	20	125
B5818WSHE3	SOD-323	1	30	0.55	40	1	30	125
B5819WSHE3	SOD-323	1	40	0.6	40	1	40	125
RB751S-40HE3	SOD-523	0.03	40	0.37	0.5	0.001	30	150
BAT54WXHE3	SOD-523	0.2	30	1	2	0.1	25	125
RB520S-30HE3	SOD-523	0.2	30	0.6	1	0.2	10	125
RB521S-30HE3	SOD-523	0.2	30	0.5	30	0.2	10	125
RB521S-40HE3	SOD-523	0.2	40	0.59	90	0.2	40	125
RB520S-40HE3	SOD-523	0.25	40	0.55	1	0.1	10	125
BAS70-04HE3	SOT-23	0.07	70	1	0.2	0.015	50	125
BAS70-05HE3	SOT-23	0.07	70	1	0.2	0.015	50	125
BAS70-06HE3	SOT-23	0.07	70	1	0.2	0.015	50	125
BAS70-04HQ	SOT-23	0.07	70	1	0.2	0.015	50	150

Diodes



Automotive Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
BAS70-05HQ	SOT-23	0.07	70	1	0.2	0.015	50	150
BAS70-06HQ	SOT-23	0.07	70	1	0.2	0.015	50	150
BAS70HE3	SOT-23	0.07	70	1	0.2	0.015	50	125
BAS70HQ	SOT-23	0.07	70	1	0.2	0.015	50	150
BAS40-04HQ	SOT-23	0.12	40	1	0.2	0.04	30	150
BAS40-05HQ	SOT-23	0.12	40	1	0.2	0.04	30	150
BAS40-06HQ	SOT-23	0.12	40	1	0.2	0.04	30	150
BAS40HQ	SOT-23	0.12	40	1	0.2	0.04	30	150
BAS40-04HE3	SOT-23	0.2	40	1	0.2	0.04	30	150
BAS40-05HE3	SOT-23	0.2	40	1	0.2	0.04	30	150
BAS40-06HE3	SOT-23	0.2	40	1	0.2	0.04	30	150
BAS40HE3	SOT-23	0.2	40	1	0.2	0.04	30	150
BAT54AHE3	SOT-23	0.2	30	0.4	2	0.01	25	125
BAT54CHE3	SOT-23	0.2	30	0.4	2	0.01	25	125
BAT54HE3	SOT-23	0.2	30	0.4	2	0.01	25	125
BAT54SHE3	SOT-23	0.2	30	0.4	2	0.01	25	125
BAT54AHQ	SOT-23	0.2	30	1	2	0.1	25	150
BAT54CHQ	SOT-23	0.2	30	1	2	0.1	25	150
BAT54HQ	SOT-23	0.2	30	1	2	0.1	25	150
BAT54SHQ	SOT-23	0.2	30	1	2	0.1	25	150
BAT64-04HE3	SOT-23	0.225	40	0.43	2	0.01	25	150
BAT64-05HE3	SOT-23	0.225	40	0.43	2	0.01	25	150
BAT64-06HE3	SOT-23	0.225	40	0.43	2	0.01	25	150
BAS70WT-04HE3	SOT-323	0.07	70	1	0.2	0.015	50	125
BAS70WT-05HE3	SOT-323	0.07	70	1	0.2	0.015	50	125
BAS70WT-06HE3	SOT-323	0.07	70	1	0.2	0.015	50	125
BAS70WT-04HQ	SOT-323	0.07	70	1	0.2	0.015	50	150
BAS70WT-05HQ	SOT-323	0.07	70	1	0.2	0.015	50	150
BAS70WT-06HQ	SOT-323	0.07	70	1	0.2	0.015	50	150
BAS70WTHE3	SOT-323	0.07	70	1	0.2	0.015	50	125
BAS70WTHQ	SOT-323	0.07	70	1	0.2	0.015	50	150
BAS40WTHE3	SOT-323	0.12	40	1	0.2	0.04	30	150
BAS40WT-04HE3	SOT-323	0.12	40	1	0.2	0.04	30	150
BAS40WT-05HE3	SOT-323	0.12	40	1	0.2	0.04	30	150
BAS40WT-06HE3	SOT-323	0.12	40	1	0.2	0.04	30	150
BAS40WTHQ	SOT-323	0.12	40	1	0.2	0.04	30	150
BAS40WT-04HQ	SOT-323	0.12	40	1	0.2	0.04	30	150
BAS40WT-05HQ	SOT-323	0.12	40	1	0.2	0.04	30	150
BAS40WT-06HQ	SOT-323	0.12	40	1	0.2	0.04	30	150
BAT54AWTHE3	SOT-323	0.2	30	0.8	2	0.1	25	125
BAT54CWTHE3	SOT-323	0.2	30	0.8	2	0.1	25	125
BAT54SWTHE3	SOT-323	0.2	30	0.8	2	0.1	25	125
BAT54WTHE3	SOT-323	0.2	30	0.8	2	0.1	25	125
BAT54AWTHQ	SOT-323	0.2	30	1	2	0.1	25	150

Automotive Small Signal Schottky Diodes



Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
BAT54CWT HQ	SOT-323	0.2	30	1	2	0.1	25	150
BAT54SWTHQ	SOT-323	0.2	30	1	2	0.1	25	150
BAT54WTHQ	SOT-323	0.2	30	1	2	0.1	25	150

Automotive 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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBRP660CTQ	DFN5060	3	60	80	0.7	100	3	60	175
MBRP6100CTQ	DFN5060	3	100	80	0.83	5	3	100	175
MBRP645CTQ	DFN5060	6	45	80	0.6	100	3	45	175
MBRP6200CTQ	DFN5060	6	200	80	0.9	5	3	200	175
MBRP1045Q	DFN5060	10	45	150	0.6	100	10	45	175
MBRP1060Q	DFN5060	10	60	150	0.76	100	10	60	175
MBRP10100Q	DFN5060	10	100	150	0.85	10	10	100	175
MBRP10200Q	DFN5060	10	200	150	0.91	5	10	200	175
MBRP1545Q	DFN5060	15	45	200	0.6	100	15	45	175
MBRP1560Q	DFN5060	15	60	200	0.8	100	15	60	175
MBRP15100Q	DFN5060	15	100	200	0.85	5	15	100	175
MBRP15200Q	DFN5060	15	200	200	0.93	5	15	200	175
MBRP2045Q	DFN5060	20	45	220	0.65	500	20	45	175
MBRP2060Q	DFN5060	20	60	220	0.8	200	20	60	175
MBRP20100Q	DFN5060	20	100	220	0.9	10	20	100	175
SS14FLQ	DO-221AC	1	40	40	0.5	100	1	40	150
SS16FLQ	DO-221AC	1	60	40	0.7	50	1	60	150
SS110FLQ	DO-221AC	1	100	40	0.77	1	1	100	175
SS120FLQ	DO-221AC	1	200	40	0.9	1	1	200	175
SS24FLQ	DO-221AC	2	40	75	0.55	100	2	40	150
SS26FLQ	DO-221AC	2	60	75	0.7	100	2	60	150
SS210FLQ	DO-221AC	2	100	75	0.8	5	2	100	175
SS220FLQ	DO-221AC	2	200	75	0.9	5	2	200	175
SK34AFLQ	DO-221AC	3	40	80	0.5	100	3	40	150
SK36AFLQ	DO-221AC	3	60	80	0.7	100	3	60	150
SK310AFLQ	DO-221AC	3	100	80	0.8	5	3	100	175
SK320AFLQ	DO-221AC	3	200	80	0.9	5	3	200	175
SK54AFLQ	DO-221AC	5	40	120	0.6	100	5	40	150
SK56AFLQ	DO-221AC	5	60	120	0.7	100	5	60	150
SK510AFLQ	DO-221AC	5	100	120	0.8	5	5	100	175
SK520AFLQ	DO-221AC	5	200	120	0.9	5	5	200	175
SS12HE3-L	SMA	1	20	50	0.5	100	1	20	125

Diodes



Automotive 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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	I_{FM} (A)	V_R (V)	T_J (°C)
SS13HE3-L	SMA	1	30	50	0.5	100	1	30	125
SS14HE3-L	SMA	1	40	50	0.5	100	1	40	125
SS16HE3-L	SMA	1	60	50	0.7	100	1	60	150
SS110HE3-L	SMA	1	100	50	0.85	50	1	100	150
SS1150HE3-L	SMA	1	150	30	0.9	10	1	150	150
SS1200HE3-L	SMA	1	200	30	0.9	10	1	200	150
SS14Q-L	SMA	1	40	40	0.5	100	1	40	150
SS16Q-L	SMA	1	60	40	0.7	50	1	60	150
SS110Q-L	SMA	1	100	40	0.77	1	1	100	175
SS120Q-L	SMA	1	200	40	0.9	1	1	200	175
SS24HE3-L	SMA	2	40	50	0.55	100	2	40	150
SS26HE3-L	SMA	2	60	50	0.7	100	2	60	150
SS210HE3-L	SMA	2	100	50	0.85	100	2	100	150
SS220HE3-L	SMA	2	200	75	0.9	5	2	200	175
SS24Q-L	SMA	2	40	75	0.55	100	2	40	150
SS26Q-L	SMA	2	60	75	0.7	100	2	60	150
SS210Q-L	SMA	2	100	75	0.8	5	2	100	175
SS220Q-L	SMA	2	200	75	0.9	5	2	200	175
SK34AHE3-L	SMA	3	40	80	0.5	100	3	40	150
SK34AQ-L	SMA	3	40	80	0.5	100	3	40	150
SK36AHE3-L	SMA	3	60	80	0.7	100	3	60	150
SK310AHE3-L	SMA	3	100	80	0.8	1	3	100	175
SK3150AHE3-L	SMA	3	150	80	0.9	1	3	150	175
SK3200AHE3-L	SMA	3	200	80	0.9	1	3	200	175
SK36AQ-L	SMA	3	60	80	0.7	100	3	60	150
SK310AQ-L	SMA	3	100	80	0.8	5	3	100	175
SK320AQ-L	SMA	3	200	80	0.9	5	3	100	175
SK54AHE3-L	SMA	5	40	100	0.55	100	5	40	150
SK56AHE3-L	SMA	5	60	100	0.75	100	5	60	150
SK510AHE3-L	SMA	5	100	100	0.85	100	5	100	150
SK5200AHE3-L	SMA	5	200	120	0.9	1	5	200	175
SK54AQ-L	SMA	5	40	120	0.6	100	5	40	150
SK56AQ-L	SMA	5	60	120	0.7	100	5	60	150
SK510AQ-L	SMA	5	100	120	0.8	5	5	100	175
SK520AQ-L	SMA	5	200	120	0.9	5	5	200	175
SK23HE3-L	SMB	2	30	50	0.5	100	2	30	150
SK24HE3-L	SMB	2	40	50	0.5	100	2	40	150
SK26HE3-L	SMB	2	60	50	0.7	100	2	60	150
SK210HE3-L	SMB	2	100	50	0.85	10	2	100	150
SK220HE3-L	SMB	2	200	75	0.9	5	2	200	175
SK24Q-L	SMB	2	40	75	0.55	100	2	40	150
SK26Q-L	SMB	2	60	75	0.7	100	2	60	150
SK210Q-L	SMB	2	100	75	0.8	5	2	100	175
SK220Q-L	SMB	2	200	75	0.9	5	2	200	175

Automotive 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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
SK34BHE3-L	SMB	3	40	100	0.5	100	3	40	150
SK36BHE3-L	SMB	3	60	100	0.75	100	3	60	150
SK310BHE3-L	SMB	3	100	100	0.85	10	3	100	150
SK3150BHE3-L	SMB	3	150	80	0.86	10	3	150	150
SK3200BHE3-L	SMB	3	200	100	0.86	2	3	200	150
SK34BQ-L	SMB	3	40	80	0.5	100	3	40	150
SK36BQ-L	SMB	3	60	80	0.7	100	3	40	150
SK310BQ-L	SMB	3	100	80	0.8	5	3	100	175
SK320BQ-L	SMB	3	200	80	0.9	5	3	200	175
SK54BHE3-L	SMB	5	40	100	0.55	100	5	40	150
SK56BHE3-L	SMB	5	60	100	0.75	100	5	60	150
SK510BHE3-L	SMB	5	100	100	0.85	50	5	100	150
SK520BHE3-L	SMB	5	200	120	0.9	10	5	200	150
SK54BQ-L	SMB	5	40	120	0.6	100	5	40	150
SK56BQ-L	SMB	5	60	120	0.7	100	5	60	150
SK510BQ-L	SMB	5	100	120	0.8	5	5	100	175
SK520BQ-L	SMB	5	200	120	0.9	5	5	200	175
SK34HE3	SMC	3	40	100	0.5	100	3	40	150
SK36HE3	SMC	3	60	100	0.75	100	3	60	150
SK310HE3	SMC	3	100	100	0.85	100	3	100	150
SK3200HE3	SMC	3	200	80	0.9	1	3	200	175
SK34Q	SMC	3	40	80	0.5	100	3	40	150
SK36Q	SMC	3	60	80	0.7	100	3	60	150
SK310Q	SMC	3	100	80	0.8	5	3	100	175
SK320Q	SMC	3	200	80	0.9	5	3	200	175
SK53LHE3	SMC	5	30	100	0.55	100	5	30	150
SK54LHE3	SMC	5	40	100	0.55	100	5	40	150
SK56LHE3	SMC	5	60	100	0.75	100	5	60	150
SK510LHE3	SMC	5	100	100	0.85	100	5	100	150
SK5150LHE3	SMC	5	150	150	0.9	10	5	150	150
SK5200LHE3	SMC	5	200	150	0.9	10	5	200	150
SK54LQ	SMC	5	40	120	0.6	100	5	40	150
SK56LQ	SMC	5	60	120	0.7	100	5	60	150
SK510LQ	SMC	5	100	120	0.8	5	5	100	175
SK520LQ	SMC	5	200	120	0.9	5	5	200	175
SK84LHE3	SMC	8	40	200	0.65	100	8	40	150
SK86LHE3	SMC	8	60	200	0.65	100	8	60	150
SK810LHE3	SMC	8	100	200	0.8	100	8	100	150
SK820LHE3	SMC	8	200	150	0.9	10	8	200	175
SK84LQ	SMC	8	40	150	0.55	100	8	40	150
SK86LQ	SMC	8	60	150	0.7	100	8	60	150
SK810LQ	SMC	8	100	150	0.85	5	8	100	175
SK820LQ	SMC	8	200	150	0.9	5	8	200	175
SM5817PLHE3	SOD-123FL	1	20	30	0.45	50	1	20	125

Diodes



Automotive 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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
SM5818PLHE3	SOD-123FL	1	30	30	0.53	50	1	30	125
SM5819PLHE3	SOD-123FL	1	40	30	0.53	50	1	40	125
SMD16PLHE3	SOD-123FL	1	60	30	0.7	100	1	60	125
SMD18PLHE3	SOD-123FL	1	80	30	0.85	100	1	80	125
SMD110PLHE3	SOD-123FL	1	100	30	0.85	5	1	100	150
SMD1150PLHE3	SOD-123FL	1	150	30	0.85	10	1	150	150
SMD1200PLHE3	SOD-123FL	1	200	30	0.95	10	1	200	150
SMD14PLQ	SOD-123FL	1	40	40	0.5	100	1	40	150
SMD16PLQ	SOD-123FL	1	60	40	0.7	50	1	60	150
SMD110PLQ	SOD-123FL	1	100	40	0.77	1	1	100	175
SMD120PLQ	SOD-123FL	1	200	40	0.9	1	1	200	175
SMD22PLHE3	SOD-123FL	2	20	50	0.55	100	2	20	150
SMD24PLHE3	SOD-123FL	2	40	50	0.55	100	2	40	150
SMD26PLHE3	SOD-123FL	2	60	50	0.7	100	2	60	150
SMD28PLHE3	SOD-123FL	2	80	50	0.85	10	2	80	175
SMD210PLHE3	SOD-123FL	2	100	50	0.85	10	2	100	175
SMD220PLHE3	SOD-123FL	2	200	50	0.9	5	2	200	175
SMD24PLQ	SOD-123FL	2	40	50	0.55	100	2	40	150
SMD26PLQ	SOD-123FL	2	60	50	0.7	100	2	60	150
SMD210PLQ	SOD-123FL	2	100	50	0.8	5	2	100	175
SMD220PLQ	SOD-123FL	2	200	50	0.9	5	2	200	175
SMD34PLQ	SOD-123FL	3	40	80	0.5	100	3	40	150
SMD36PLQ	SOD-123FL	3	60	80	0.7	100	3	60	150
SMD310PLQ	SOD-123FL	3	100	80	0.8	5	3	100	175
SMD320PLQ	SOD-123FL	3	200	80	0.9	5	3	200	175
SMD36HE1Q	SOD-123HE1	3	60	80	0.7	100	3	60	150
SMD310HE1Q	SOD-123HE1	3	100	80	0.8	5	3	100	175
SMD14PBQ	SOD-323HE-B	1	40	30	0.55	50	1	40	150
SMD16PBQ	SOD-323HE-B	1	60	30	0.7	50	1	60	150
SMD110PBQ	SOD-323HE-B	1	100	30	0.83	1	1	100	175
SMD115PBQ	SOD-323HE-B	1	150	30	0.9	1	1	150	175
MBR5U60SHE3	TO-277	5	60	200	0.65	100	5	60	150
MBR5U100HHE3	TO-277	5	100	240	0.8	10	5	100	175
MBR5U60SQ	TO-277	5	60	200	0.64	100	5	60	150
MBR5U100HQ	TO-277	5	100	200	0.8	10	5	100	175
MBR10U100HHE3	TO-277	10	100	240	0.85	10	10	100	175
MBR10U200HE3	TO-277	10	200	200	0.95	100	10	200	150
MBR10U100HQ	TO-277	10	100	200	0.85	10	10	100	175
MBR10U200Q	TO-277	10	200	200	0.9	1	10	200	175
MBR15U45HE3	TO-277	15	45	300	0.54	100	15	45	150
MBR15U60HE3	TO-277	15	60	300	0.68	100	15	60	150
MBR15U45Q	TO-277	15	45	300	0.6	100	15	45	150
MBR15U60Q	TO-277	15	60	300	0.72	100	15	60	150
MBR15U100Q	TO-277	15	100	300	0.88	10	15	100	175

Automotive 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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBRD1045CTQ	DPAK	10	45	120	0.58	100	5	45	150
MBRD1060CTQ	DPAK	10	60	120	0.72	100	5	60	150
MBRD10100CTQ	DPAK	10	100	120	0.8	10	5	100	175
MBRD10200CTQ	DPAK	10	200	120	0.9	10	5	200	175
MBRD2045CTQ	DPAK	20	45	120	0.63	100	10	45	150
MBRD2060CTQ	DPAK	20	60	120	0.8	100	10	60	150
MBRD20100CTQ	DPAK	20	100	130	0.85	10	10	100	175
MBRD20200CTQ	DPAK	20	200	120	0.92	10	10	200	175
MBRB1060CTQ	D2-PAK	10	60	150	0.72	100	5	60	150
MBRB10100CTQ	D2-PAK	10	100	150	0.8	10	5	100	175
MBRB10200CTQ	D2-PAK	10	200	150	0.9	10	5	200	175
MBRB2060CTQ	D2-PAK	20	60	200	0.72	100	10	60	150
MBRB20100CTQ	D2-PAK	20	100	200	0.82	10	10	100	175
MBRB20200CTQ	D2-PAK	20	200	200	0.9	10	10	200	175
MBRB3045CTQ	D2-PAK	30	45	200	0.65	100	15	45	150
MBRB3060CTQ	D2-PAK	30	60	250	0.72	100	15	60	150
MBRB30100CTQ	D2-PAK	30	100	250	0.82	10	15	100	175
MBRB30200CTQ	D2-PAK	30	200	250	0.9	10	15	200	175
MBRB4040CTQ	D2-PAK	40	40	300	0.65	100	20	40	150
MBRB6045CTQ	D2-PAK	60	45	300	0.75	50	30	45	150
MBRB4060CTQ	D2-PAK	40	60	300	0.73	100	20	60	150
MBRB40100CTQ	D2-PAK	40	100	300	0.85	10	20	100	175
MBRB40200CTQ	D2-PAK	40	200	300	0.93	10	20	200	175

Diodes

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Operating Junction Temperature
		P _D (W)	I _s (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)	T _J (°C)
BZT52B3V6L3P~BZT52B36L3P	DFN1006-2L	0.15	0.0001~0.015	0.8~27	3.6~36	5	7~95	80~600	1	150
BZX584B2V4~BZX584B39	SOD-523	0.15	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
BZX584C2V4~BZX584C39	SOD-523	0.15	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
AZ23C2V7W~AZ23C39W	SOT-323	0.20	0.0001	0.8~29	2.7~39	5	7~95	50~500	1	150
AZ23C5V6L	SOT-23	0.20	0.0001	1	5.6	5	30	400	1	150
BZT52B3V0J5~BZT52B75J5	SOD-323	0.20	0.000045~0.009	1~56	3~75	2.5~5	10~250	80~1000	0.5~1	150
BZT52B2V4T~BZT52B39T	SOD-523	0.20	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
BZT52C2V4T~BZT52C39T	SOD-523	0.20	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
BZT52C2V0S~BZT52C75S	SOD-323	0.20	0.00005~0.09	1~52.5	2~75	2~5	10~255	80~750	0.5~1	150
BZX584C5V6L	SOD-523	0.20	0.0001	1	5.6	5	30	400	1	150
BZX84C2V4W~BZX84C39W	SOT-323	0.20	0.0001~0.05	1~27.3	2.4~39	5	10~130	80~600	1	150
MMBZ5221BW~MMBZ5259BW	SOT-323	0.20	0.0001~0.1	1~30	2.4~39	3.2~20	5~80	500~2000	0.25	150
MMXZ5223B~MMXZ5259B	SOD-323	0.20	0.0001~0.075	1~30	2.7~39	3.2~20	5~80	500~2000	0.25	150
MMXZ5229C~MMXZ5262C	SOD-323	0.20	0.0001~0.005	1~39	4.3~51	2.5~20	5~125	500~2000	0.25	150
BZT52C2V4L3P~BZT52C39L3P	DFN1006-2L	0.25	0.0001~0.05	1~27.3	2.4~39	2~5	10~130	80~600	0.5~1	150
AZ23B2V4~AZ23B47	SOT-23	0.30	0.0001~0.045	0.8~35	2.4~47	2~5	7~110	80~600	1	150
AZ23C2V7~AZ23C51	SOT-23	0.30	0.0001	0.8~38	2.7~51	5	7~100	50~750	1	150
DZ23C2V4~DZ23C75	SOT-23	0.30	0.0001~0.1	0.8~56	2.4~75	5	7~250	80~1000	1	150
BZX84B2V4~BZX84B75	SOT-23	0.35	0.00005~0.05	1~52.5	2.4~75	2~5	10~255	80~750	0.5~1	150
BZX84C2V4~BZX84C75	SOT-23	0.35	0.00005~0.05	1~52.5	2.4~75	2~5	10~255	80~750	0.5~1	150
MMBZ5221B~MMBZ5259B	SOT-23	0.35	0.0001~0.1	1~30	2.4~39	3.2~20	5~80	500~2000	0.25	150
MMBZ5229C~MMBZ5262C	SOT-23	0.35	0.0001~0.005	1~39	4.3~51	2.5~20	5~125	500~2000	0.25	150
BZT52B3V0BS~BZT52B51BS	SOD-323	0.40	0.000045~0.009	1~35.7	3~51	2~5	10~169	80~564	0.5~1	150
BZT52B2V4~BZT52B75	SOD-123	0.50	0.0001~0.1	0.8~56	2.4~75	2~5	7~250	80~1000	1	150
BZT52C2V0~BZT52C75	SOD-123	0.50	0.0001~0.09	1~56	2~75	2~5	10~250	80~1000	0.5~1	150
MMSZ4678~MMSZ4716	SOD-123	0.50	0.00001~0.01	1~29.6	1.8~39	0.05	-	-	-	150
MMSZ5221B~MMSZ5267B	SOD-123	0.50	0.0001~0.1	1~56	2.4~75	1.7~20	5~270	500~2000	0.25	150
MMSZ5229C~MMSZ5261C	SOD-123	0.50	0.0001~0.005	1~36	4.3~47	2.7~20	5~105	500~2000	0.25	150
1EZ110D5~1EZ330D5	DO-41	1.00	0.0001	83.6~250.2	110~330	0.7~2.3	450~2500	4000~9990	0.25	150
1EZ6.2D5~1EZ39D5	DO-41	1.00	0.005~0.01	3~29.7	6.2~39	6.4~40.3	2~60	700~1000	0.25~1	150
1N4736AP~1N4764AP	DO-41	1.00	0.005~0.01	4~76	6.8~100	2.5~37	3.5~350	700~3000	0.25~1	150
DFLZ110	SOD-123FL	1.00	0.0001	84	110	2.3	450	4000	0.25	150
DFLZ180	SOD-123FL	1.00	0.001	130	180	5	180	-	-	150
DFLZ200	SOD-123FL	1.00	0.001	150	200	5	200	-	-	150
DFLZ5V1~DFLZ100	SOD-123FL	1.00	0.001~0.01	1~76	5.1~100	2.5~100	2~350	-	-	150
SMAF4735A~SMAF4764A	DO-221AC	1.00	0.005~0.01	3~76	6.2~100	2.5~41	2~350	700~3000	0.25~1	150
SMAJ4733A~SMAJ4764A	SMA	1.00	0.005~0.01	1~76	5.1~100	2.5~49	2~350	550~3000	0.25~1	150
SMAZ5V1~SMAZ39	SMA	1.00	0.0005~0.005	1~29.6	5.1~39	10~100	2~40	150~500	1~2	150
1N5920BP~1N5956BP	DO-41	1.50	0.001~0.005	4~152	6.2~200	1.9~60.5	2~1200	200~8000	0.25~1	175
SMAJ5918B~SMAJ5956B	SMA	1.50	0.0005~0.005	2~152	5.1~200	1.9~73.5	2~1200	200~8000	0.25~1	150
SMBJ5918B~SMBJ5956B	SMB	1.50	0.001~0.005	2~152	5.1~200	1.9~73.5	2~1200	200~8000	0.25~1	150
2EZ5.1D5~2EZ75D5	DO-41	2.00	0.0005~0.005	1~56	5.1~75	6.7~98	1.5~90	500~2000	0.25~1	150
3EZ5.1D5~3EZ75D5	DO-15	3.00	0.0005~0.005	1~56	5.1~75	10~147	1.5~85	550~2000	0.25~1	150
1N5918B3P~1N5947B3P	DO-41	3.00	0.001~0.005	2~62.2	5.1~82	4.6~73.5	2~160	200~2500	0.25~1	175

Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Operating Junction Temperature
		P _D (W)	I _s (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{0T} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)	T _J (°C)
3SMAJ5918B~3SMAJ5956B	SMA	3.00	0.001~0.005	2~152	5.1~200	1.9~73.5	4~1200	350~8000	0.25~1	150
3SMBJ5917B~3SMBJ5956B	SMB	3.00	0.001~0.005	1.5~152	4.7~200	1.9~79.8	2~1200	200~8000	0.25~1	150
1N5334B	DO-15	5.00	0.15	1	3.6	350	2.5	500	1	150
1N5338B~1N5388B	DO-15	5.00	0.0005~0.01	1~152	5.1~200	5~240	1~480	75~1850	1	200
SMBJ5338B~SMBJ5388B	SMB	5.00	0.0005~0.01	1~152	5.1~200	5~240	1~480	75~1850	1	150

Switching Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Power Dissipation	Operating Junction Temperature
		I _{F(AV)} (A)	V _{RWM} (V)	V _F (V)	I _s (uA)	I _{FS} (A)	V _R (V)	T _{RR} (μs)	P _D (mW)	T _J (°C)
1N4148WL2	DFN1006-2L	0.150	100	1	5	0.05	75	0.004	100	150
BAS116L2B	DFN1006-2L	0.215	85	1.25	0.005	0.15	75	3	300	150
BAV70M	SOT-723	0.200	75	1.25	2.5	0.15	75	0.004	150	150
BAS16T	SOT-523	0.075	85	1	2	0.05	75	0.004	150	150
BAV70T	SOT-523	0.075	85	1	2	0.05	75	0.004	150	150
BAV99T	SOT-523	0.075	85	1	2	0.05	75	0.004	150	150
BAW56T	SOT-523	0.075	85	1	2	0.05	75	0.004	150	150
DAN222	SOT-523	0.100	80	1.2	0.1	0.1	70	0.004	-	150
BAS21T	SOT-523	0.200	250	1	0.1	0.1	250	0.05	150	150
MMBD4448HT	SOT-523	0.250	100	0.72	0.025	0.005	20	0.004	150	150
MMBD4448HTA	SOT-523	0.250	100	0.72	0.025	0.005	20	0.004	150	150
MMBD4448HTC	SOT-523	0.250	100	0.72	0.025	0.005	20	0.004	150	150
MMBD4448HTS	SOT-523	0.250	100	0.72	0.025	0.005	20	0.004	150	150
BAS16V	SOT-563	0.200	75	1	1	0.05	75	0.004	150	150
MMBD4448V	SOT-563	0.250	80	1	0.1	0.1	70	0.004	150	150
DAN202U	SOT-323	0.100	80	1.2	0.1	0.1	70	0.004	200	150
DAP202U	SOT-323	0.100	80	1.2	0.1	0.1	70	0.004	200	150
BAS16WT	SOT-323	0.150	75	1	1	0.05	75	0.004	200	150
BAV70WT	SOT-323	0.150	75	1	2.5	0.05	75	0.004	200	150
BAW56WT	SOT-323	0.150	75	1	2.5	0.05	75	0.004	200	150
MMBD4148WT	SOT-323	0.150	75	1	1	0.05	75	0.004	200	150
BAV99WT	SOT-323	0.150	100	1	2.5	0.05	75	0.004	200	150
BAV199WT	SOT-323	0.160	85	1	0.005	0.01	85	3	200	150
BAS19WT	SOT-323	0.200	100	1	0.1	0.1	100	0.05	200	150
BAS20WT	SOT-323	0.200	150	1	0.1	0.1	150	0.05	200	150
BAS21WT	SOT-323	0.200	200	1	0.1	0.1	200	0.05	200	150

Diodes

Switching Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Power Dissipation	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	P_D (mW)	T_J (°C)
BAV170WT	SOT-323	0.215	100	1.25	0.005	0.15	75	3	200	150
MMBD2004SWT	SOT-323	0.225	300	1	0.1	0.1	240	0.05	250	150
MMBD4448WT	SOT-323	0.250	100	0.72	0.025	0.005	20	0.004	200	150
DAN217U	SOT-323	0.300	80	1.2	0.2	0.1	70	0.004	200	150
BAS16TW	SOT-363	0.150	75	1	1	0.05	75	0.004	200	150
BAV756DW	SOT-363	0.150	75	1.25	2.5	0.15	75	0.004	200	150
BAV99BRW	SOT-363	0.150	75	0.855	2.5	0.01	75	0.004	200	150
BAV99DW	SOT-363	0.150	75	0.855	2.5	0.01	75	0.004	200	150
BAW567DW	SOT-363	0.150	75	1	2.5	0.05	75	0.004	200	150
BAW56DW	SOT-363	0.150	75	1	2.5	0.05	75	0.004	200	150
MMBD4148TW	SOT-363	0.150	75	1	1	0.05	75	0.004	200	150
BAV199DW	SOT-363	0.160	85	1	0.005	0.01	75	3	200	150
MMBD4448DW	SOT-363	0.250	75	1	2.5	0.05	75	0.004	200	150
MMBD4448HADW	SOT-363	0.250	80	1	0.1	0.05	70	0.004	200	150
MMBD4448HAQW	SOT-363	0.250	80	1	0.1	0.05	70	0.004	200	150
MMBD4448HCDW	SOT-363	0.250	80	1	0.1	0.05	70	0.004	200	150
MMBD4448HCQW	SOT-363	0.250	80	1	0.1	0.05	70	0.004	200	150
MMBD4448HSDW	SOT-363	0.250	80	1	0.1	0.05	70	0.004	200	150
MMBD4448HTW	SOT-363	0.250	80	1	0.1	0.05	70	0.004	200	150
BAV70DW	SOT-363	0.300	75	1	2.5	0.05	75	0.004	200	150
BAS21TWS	SOT-363S	0.200	250	1.05	0.1	0.1	200	0.05	150	150
DAN202	SOT-23	0.100	80	1.2	0.1	0.1	70	0.004	200	150
DAP202	SOT-23	0.100	80	1.2	0.1	0.1	70	0.004	200	150
BAV74	SOT-23	0.200	50	1	0.1	0.1	50	0.004	225	150
BAS116	SOT-23	0.200	75	1	0.005	0.01	75	3	225	150
MMBD4148	SOT-23	0.200	100	0.855	0.025	0.01	20	0.004	350	150
MMBD4148CA	SOT-23	0.200	100	1	0.025	0.05	20	0.004	350	150
MMBD4148CC	SOT-23	0.200	100	1	0.025	0.05	20	0.004	350	150
MMBD4148SE	SOT-23	0.200	100	1	0.025	0.05	20	0.004	350	150
MMBD7000	SOT-23	0.200	100	0.82	1	0.01	50	0.004	225	150
MMBD914	SOT-23	0.200	100	0.855	0.025	0.01	20	0.004	350	150
BAS19	SOT-23	0.200	120	1.25	0.1	0.225	120	0.05	350	150
BAS20	SOT-23	0.200	200	1.25	0.1	0.225	200	0.05	350	150
BAS21	SOT-23	0.200	250	1.25	0.1	0.225	250	0.05	350	150
BAS21A	SOT-23	0.200	250	1.1	1	0.1	200	0.05	225	150
BAS21C	SOT-23	0.200	250	1.1	1	0.1	200	0.05	225	150
BAS21S	SOT-23	0.200	250	1.1	1	0.1	200	0.05	225	150
BAV199	SOT-23	0.215	70	1.25	0.005	0.15	75	3	-	150
BAV170	SOT-23	0.215	85	0.9	0.005	0.001	75	3	250	150
BAS16	SOT-23	0.215	100	1.25	1	0.1	75	0.004	350	150
BAV70	SOT-23	0.215	100	0.855	1	0.01	75	0.004	350	150
BAV99	SOT-23	0.215	100	0.855	2.5	0.01	75	0.004	350	150
BAV23A	SOT-23	0.225	200	1.25	0.1	0.2	250	0.05	350	150
BAV23C	SOT-23	0.225	200	1.25	0.1	0.2	250	0.05	350	150

Switching Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time	Power Dissipation	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	P_D (mW)	T_J (°C)
BAV23S	SOT-23	0.225	200	1.25	0.1	0.2	250	0.05	350	150
MMBD2004S	SOT-23	0.225	300	1	0.1	0.1	240	0.05	250	150
MMBD3004S	SOT-23	0.225	350	1	0.1	0.1	240	0.05	410	150
BAW56	SOT-23	0.250	100	0.855	0.5	0.01	100	0.004	350	150
MMBD4448	SOT-23	0.250	100	0.72	0.025	0.005	20	0.004	350	150
DAN217	SOT-23	0.300	80	1.2	0.1	0.1	70	0.004	200	150
MMBD1501	SOT-23	0.600	180	1.5	5	0.3	180		350	150
MMBD1503	SOT-23	0.600	180	1.5	5	0.3	180		350	150
MMBD1504	SOT-23	0.600	180	1.5	5	0.3	180		350	150
MMBD1505	SOT-23	0.600	180	1.5	5	0.3	180		350	150
MMBD4148TU	SOT23-6L	0.080	75	0.855	1	0.01	70	0.004	375	150
1S5400	SOD-523	0.100	90	1.2	0.1	0.1	80	0.004	150	150
1N4148X	SOD-523	0.150	100	1.25	1	0.15	75	0.004	200	150
BAS16X	SOD-523	0.200	75	1	1	0.05	75	0.006	150	150
BAS716	SOD-523	0.200	75	1	0.005	0.01	75	3	225	150
BAS21X	SOD-523	0.200	250	1.25	0.1	0.2	200	0.05	150	150
1N4448X	SOD-523	0.250	100	1	2.5	0.1	75	0.004	150	150
BAS516	SOD-523	0.250	100	0.715	0.03	0.001	25	0.004	150	150
1S5357	SOD-323	0.100	45	0.36	5	0.01	40		200	125
BAS16WX	SOD-323	0.100	75	1.25	1	0.15	75	0.006	350	150
1S5355	SOD-323	0.100	90	1.2	0.1	0.1	80	0.004		150
BAS16WXH	SOD-323	0.100	100	1.25	1	0.15	75	0.006	350	150
1N4148WX	SOD-323	0.150	100	1	1	0.05	75	0.004	200	150
BAS416	SOD-323	0.200	100	1	0.005	0.01	75	3	250	150
MMDL914	SOD-323	0.200	100	1	0.025	0.01	20	0.004	200	150
BAV19WS	SOD-323	0.200	120	1.25	0.1	0.2	100	0.05	250	150
BAV20WS	SOD-323	0.200	200	1.25	0.1	0.2	150	0.05	250	150
BAS21WS	SOD-323	0.200	250	1.25	0.1	0.2	200	0.05	200	150
BAV21WS	SOD-323	0.200	250	1.25	0.1	0.2	200	0.05	250	150
BAV316	SOD-323	0.215	130	1.1	0.005	0.15	75	3	250	150
BAV3004WS	SOD-323	0.225	350	1.25	0.1	0.2	240	0.05	200	150
1N4448WX	SOD-323	0.250	75	1	1	0.1	75	0.004	200	150
BAS316	SOD-323	0.250	100	0.715	1	0.001	75	0.004	400	150
BAS16W	SOD-123	0.100	75	1.25	1	0.15	75	0.006	350	150
1N4148W	SOD-123	0.150	100	0.715	50	0.001	75	0.004	400	150
MMSD914	SOD-123	0.200	75	1	2.5	0.01	75	0.004	400	150
BAV116W	SOD-123	0.215	130	1.25	0.005	0.15	75	3	350	125
BAV3004W	SOD-123	0.225	300	1	0.1	0.1	240	0.05	400	150
1N4448W	SOD-123	0.250	100	1	0.025	0.1	20	0.004	500	125
BAV19W	SOD-123	0.250	120	1	0.1	0.1	100	0.05	410	150
BAV20W	SOD-123	0.250	200	1	0.1	0.1	150	0.05	410	150
BAV21W	SOD-123	0.250	250	1	0.1	0.1	200	0.05	410	150
BAS28	SOT-143	0.215	85	1	1	0.05	75	0.004	250	150
BAV23	SOT-143	0.225	250	1	0.1	0.1	200	0.05	200	150

Diodes

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
RL105	A-405	1.00	600	30	1.1	5	1	600	-	150
RL106	A-405	1.00	800	30	1.1	5	1	800	-	150
RL107	A-405	1.00	1000	30	1.1	5	1	1000	-	150
RL105GP	A-405	1.00	600	30	1.1	5	1	600	-	150
RL106GP	A-405	1.00	800	30	1.1	5	1	800	-	150
RL107GP	A-405	1.00	1000	30	1.1	5	1	1000	-	150
1N5395GP	DO-15	1.50	400	50	1.4	5	1.5	400	-	150
1N5397GP	DO-15	1.50	600	50	1.4	5	1.5	600	-	150
1N5398GP	DO-15	1.50	800	50	1.4	5	1.5	800	-	150
1N5399GP	DO-15	1.50	1000	50	1.4	5	1.5	1000	-	150
RL205GP	DO-15	2.00	600	70	1	5	2	600	-	150
RL206GP	DO-15	2.00	800	70	1	5	2	800	-	150
RL207GP	DO-15	2.00	1000	70	1	5	2	1000	-	150
RL257GPL	DO-15	2.50	1000	120	1.1	2.5	2.5	1000	-	150
1N5404GP	DO-201AD	3.00	400	200	1.1	5	3	400	-	150
1N5406GP	DO-201AD	3.00	600	200	1.1	5	3	600	-	150
1N5407GP	DO-201AD	3.00	800	200	1.1	5	3	800	-	150
1N5408GP	DO-201AD	3.00	1000	200	1.1	5	3	1000	-	150
1N5413GP	DO-201AD	3.00	1300	100	1.1	5	3	1300	-	150
1N5416GP	DO-201AD	3.00	1600	100	1.2	5	3	1600	-	150
60S6	DO-201AD	6.00	600	200	1	5	6	600	-	150
60S8	DO-201AD	6.00	800	200	1	5	6	800	-	150
60S10	DO-201AD	6.00	1000	200	1	5	6	1000	-	150
R4000GPS	DO-41	0.20	4000	15	3.5	5	0.5	4000	>1.2	150
1N4004	DO-41	1.00	400	30	1	5	1	400	2	150
1N4005	DO-41	1.00	600	30	1	5	1	600	2	150
1N4006	DO-41	1.00	800	30	1	5	1	800	2	150
1N4007	DO-41	1.00	1000	30	1	5	1	1000	2	150
1N4004GP	DO-41	1.00	400	30	1.1	5	1	400	2	175
1N4007GP	DO-41	1.00	1000	30	1.1	5	1	1000	2	175
BY133GP	DO-41	1.00	1300	30	1.1	5	1	1300	-	150
EM513GP	DO-41	1.00	1600	25	1.25	5	1	1600	-	150
EM516GP	DO-41	1.00	1800	25	1.25	5	1	1800	-	150
EM518GP	DO-41	1.00	2000	25	1.25	5	1	2000	-	150
RL255GP	R-3	2.50	600	70	1.1	5	2.5	600	-	150
RL256GP	R-3	2.50	800	70	1.1	5	2.5	800	-	150
RL257GP	R-3	2.50	1000	70	1.1	5	2.5	1000	-	150
6A6G	R-6	6.00	600	200	1	10	6	600	-	150
6A8G	R-6	6.00	800	200	1	10	6	800	-	150
6A10G	R-6	6.00	1000	200	1	10	6	1000	-	150
DR756	R-6	6.00	600	200	1.1	10	6	600	-	150
DR758	R-6	6.00	800	200	1.1	10	6	800	-	150
DR7510	R-6	6.00	1000	200	1.1	10	6	1000	-	150
10A04GP	R-6	10.00	400	300	1	5	10	400	-	150

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	T_J (°C)
10A05GP	R-6	10.00	600	300	1	5	10	600	-	150
10A06GP	R-6	10.00	800	300	1	5	10	800	-	150
10A07GP	R-6	10.00	1000	300	1	5	10	1000	-	150
F1200D	R-6	12.00	150	390	0.87	5	12	150	-	200
GP1510	TO-220AC	15.00	1000	220	1.03	5	15	1000	-	150
GP1515	TO-220AC	15.00	1500	200	1.2	5	15	1500	-	150
GP3016	TO-220AC	30.00	1600	275	1.2	5	30	1600	-	150
GP45160B	TO-247AD	45.00	1600	600	1.4	10	45	1600	-	150
GP60160B	TO-247AD	60.00	1600	950	1.3	5	60	1600	-	150
GP12022	TO-264P	120.00	2200	2200	1.31	100	120	2200	-	150
M4FL	DO-221AC	1.00	400	30	1.1	5	1	400	-	150
GS1JFL	DO-221AC	1.00	600	30	1	5	1	600	-	150
GS1MFL	DO-221AC	1.00	1000	30	1	5	1	1000	-	150
M7FL	DO-221AC	1.00	1000	30	1.1	5	1	1000	-	150
GS1ZFL	DO-221AC	1.00	2000	30	1.15	1	1	2000	2.5	150
GS2JFL	DO-221AC	2.00	600	50	1.1	5	2	600	2.1	150
GS2KFL	DO-221AC	2.00	800	50	1.1	5	2	800	2.1	150
GS2MFL	DO-221AC	2.00	1000	50	1.1	5	2	1000	2.1	150
SM4004PL	SOD-123FL	1.00	400	30	1.1	5	1	400	3	150
SM4005PL	SOD-123FL	1.00	600	30	1.1	5	1	600	3	150
SM4006PL	SOD-123FL	1.00	800	30	1.1	5	1	800	3	150
SM4007PL	SOD-123FL	1.00	1000	30	1.1	5	1	1000	3	150
SM5397PL	SOD-123FL	1.50	600	50	1.1	5	1.5	600	2	150
SM5398PL	SOD-123FL	1.50	800	50	1.1	5	1.5	800	2	150
SM5399PL	SOD-123FL	1.50	1000	50	1.1	5	1.5	1000	2	150
GS1MHL	SOD-123HL	1.00	1000	30	1.1	5	1	1000	-	150
GS2MHL	SOD-123HL	2.00	1000	50	1.1	5	2	1000	-	150
GS1JPB	SOD-323HE-B	1.00	600	18	1.1	5	1	600	-	125
GS1JLF	SOD-323HL	1.00	600	18	1.1	5	1	600	1.2	150
GS1MLF	SOD-323HL	1.00	1000	18	1.1	5	1	1000	1.2	150
GSU8M	TO-277	8.00	1000	200	1.1	5	8	1000	4.3	150
GSU10M	TO-277	10.00	1000	230	1.2	5	10	1000	4.3	150
GS1AE	SMA	1.00	50	30	1.1	5	1	50	2	150
GS1GE	SMA	1.00	400	30	1.1	5	1	400	2	150
GS1JE	SMA	1.00	600	30	1.1	5	1	600	2	150
GS1KE	SMA	1.00	800	30	1.1	5	1	800	2	150
GS1ME	SMA	1.00	1000	30	1.1	5	1	1000	2	150
GS1D-L	SMA	1.00	200	30	1	5	1	200	2	150
GS1G-L	SMA	1.00	400	30	1	5	1	400	2	150
GS1J-L	SMA	1.00	600	30	1	5	1	600	2	150
GS1K-L	SMA	1.00	800	30	1	5	1	800	2	150
GS1M-L	SMA	1.00	1000	30	1	5	1	1000	2	150
GS1R-L	SMA	1.00	1300	30	1	5	1	1300	-	150
GS1Y-L	SMA	1.00	1600	30	1.25	5	1	1600	2	150

Diodes

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
S1YA	SMA	1.00	1600	30	1.25	5	1	1600	2	150
GS1Z-L	SMA	1.00	2000	35	1.15	1	1	2000	2.5	150
GS1ZS-L	SMA	1.00	2000	30	1.15	5	1	2000	2.5	150
GS2Y-L	SMA	1.50	1600	30	1.15	3	1.5	1600	4	150
GS2A-L	SMA	2.00	50	50	1.1	5	2	50	2.1	150
GS2J-L	SMA	2.00	600	50	1.1	5	2	600	2.1	150
GS2K-L	SMA	2.00	800	50	1.1	5	2	800	2.1	150
GS2M-L	SMA	2.00	1000	50	1.1	5	2	1000	2.1	150
GS2Z-L	SMA	2.00	2000	40	1.3	5	2	2000	-	150
GS2ZL-L	SMA	2.00	2000	50	1.2	5	2	2000	-	150
S1J-L	SMB	1.00	600	30	1.1	5	1	600	2	150
S1K-L	SMB	1.00	800	30	1.1	5	1	800	2	150
S1M-L	SMB	1.00	1000	30	1.1	5	1	1000	2	150
S1Z-L	SMB	1.00	2000	35	1.2	5	1	2000	2.5	150
S2Y-L	SMB	1.50	1600	30	1.15	5	1.5	1600	4	150
S2B-L	SMB	2.00	100	50	1.1	5	2	100	-	150
S2J-L	SMB	2.00	600	50	1.1	5	2	600	-	150
S2K-L	SMB	2.00	800	50	1.1	5	2	800	-	150
S2M-L	SMB	2.00	1000	50	1.1	5	2	1000	-	150
S3AB	SMB	3.00	50	100	1.1	5	3	50	-	150
S3DB	SMB	3.00	200	100	1.1	5	3	200	-	150
S3GB	SMB	3.00	400	100	1.1	5	3	400	-	150
S3JB	SMB	3.00	600	100	1.1	5	3	600	-	150
S3KB	SMB	3.00	800	100	1.1	5	3	800	-	150
S3MB	SMB	3.00	1000	100	1.1	5	3	1000	-	150
S5MB	SMB	5.00	1000	150	1.1	5	5	1000	-	150
S2JBFL	SMBF	2.00	600	50	1.1	5	2	600	-	150
S2MBFL	SMBF	2.00	1000	50	1.1	5	2	1000	-	150
S3JBFL	SMBF	3.00	600	100	1.1	5	3	600	-	150
S3MBFL	SMBF	3.00	1000	100	1.1	5	3	1000	-	150
S3A	SMC	3.00	50	100	1.2	10	3	50	-	150
S3B	SMC	3.00	100	100	1.2	10	3	100	-	150
S3J	SMC	3.00	600	100	1.2	10	3	600	-	150
S3K	SMC	3.00	800	100	1.2	10	3	800	-	150
S3M	SMC	3.00	1000	100	1.2	10	3	1000	-	150
S3Q	SMC	3.00	1200	100	1.2	10	3	1200	-	150
GS3Z	SMC	3.00	2000	100	1.2	10	3	2000	-	150
S5JL	SMC	5.00	600	100	1.1	5	5	600	-	150
S5KL	SMC	5.00	800	100	1.1	5	5	800	-	150
S5ML	SMC	5.00	1000	100	1.1	5	5	1000	-	150
GS5Z	SMC	5.00	2000	200	1.1	5	5	2000	-	150
SMLJ60S6	SMC	6.00	600	200	1	5	6	600	-	150
SMLJ60S8	SMC	6.00	800	200	1	5	6	800	-	150
SMLJ60S10	SMC	6.00	1000	200	1	5	6	1000	-	150

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
S8JL	SMC	8.00	600	200	1.05	5	8	600	-	150
S8KL	SMC	8.00	800	200	1.05	5	8	800	-	150
S8ML	SMC	8.00	1000	200	1.05	5	8	1000	-	150
S10AL	SMC	10.00	50	200	1.1	5	10	50	-	150
S10DL	SMC	10.00	200	200	1.1	5	10	200	-	150
S10GL	SMC	10.00	400	200	1.1	5	10	400	-	150
S10JL	SMC	10.00	600	200	1.1	5	10	600	-	150
S10KL	SMC	10.00	800	200	1.1	5	10	800	-	150
S10ML	SMC	10.00	1000	200	1.1	5	10	1000	-	150
GPD2006C	DPAK	20.00	600	250	1	5	20	600	-	175
GPBF2006C	TO-263AC	20.00	600	150	1.1	10	20	600	1.2	175
GPBF2506C	TO-263AC	25.00	600	180	1.15	10	25	600	1.28	175
GPB2506C	D2-PAK	25.00	600	300	1.1	5	25	600	-	175
GPB3016	D2-PAK	30.00	1600	275	1.3	5	30	1600	-	150

Diodes

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	T_J (°C)
FR151GP	DO-15	1.50	50	50	1.3	5	1.5	50	0.15	150
FR154GP	DO-15	1.50	400	50	1.3	5	1.5	400	0.15	150
FR155GP	DO-15	1.50	600	50	1.3	5	1.5	600	0.25	150
FR157GP	DO-15	1.50	1000	50	1.3	5	1.5	1000	0.5	150
FR205GP	DO-15	2.00	600	60	1.3	5	2	600	0.25	150
FR206GP	DO-15	2.00	800	60	1.3	5	2	800	0.5	150
FR207GP	DO-15	2.00	1000	60	1.3	5	2	1000	0.5	150
FR304GP	DO-201AD	3.00	400	150	1.3	5	3	400	0.15	150
FR305GP	DO-201AD	3.00	600	150	1.3	5	3	600	0.25	150
FR307GP	DO-201AD	3.00	1000	150	1.3	5	3	1000	0.5	150
FR504GP	DO-201AD	5.00	400	200	1.35	10	5	400	0.15	150
FR505GP	DO-201AD	5.00	600	200	1.35	10	5	600	0.25	150
FR506GP	DO-201AD	5.00	800	200	1.35	10	5	800	0.5	150
R2000FGP	DO-41	0.50	2000	30	2.5	5	0.5	2000	0.5	150
1N4935GP	DO-41	1.00	200	30	1.2	5	1	200	0.2	150
1N4942GP	DO-41	1.00	200	25	1.3	5	1	200	0.15	150
1N4936GP	DO-41	1.00	400	30	1.2	5	1	400	0.2	150
FR104GP	DO-41	1.00	400	30	1.3	5	1	400	0.15	150
1N4937GP	DO-41	1.00	600	30	1.2	5	1	600	0.2	150
BA158GP	DO-41	1.00	600	30	1.3	5	1	600	0.15	150
FR105GP	DO-41	1.00	600	30	1.3	5	1	600	0.25	150
1N4947GP	DO-41	1.00	800	25	1.3	5	1	800	0.25	150
FR106GP	DO-41	1.00	800	30	1.3	5	1	800	0.5	150
1N4948GP	DO-41	1.00	1000	25	1.3	5	1	1000	0.5	150
BA159GP	DO-41	1.00	1000	30	1.3	5	1	1000	0.25	150
FR107GP	DO-41	1.00	1000	30	1.3	5	1	1000	0.5	150
FR602GP	R-6	6.00	100	200	1.3	10	6	100	0.15	150
FR604GP	R-6	6.00	400	200	1.3	10	6	400	0.15	150
FR605GP	R-6	6.00	600	200	1.3	10	6	600	0.25	150
FR607GP	R-6	6.00	1000	200	1.3	10	6	1000	0.5	150
FR1004GP	R-6	10.00	400	250	1.3	5	10	400	0.15	150
FR1005GP	R-6	10.00	600	250	1.3	5	10	600	0.25	150
FR1007GP	R-6	10.00	1000	250	1.3	5	10	1000	0.5	150
FR15140	TO-220AC	15.00	1400	200	1.3	5	15	1400	0.5	150
FS1GFL	DO-221AC	1.00	400	30	1.3	5	1	400	0.15	150
FS1JFL	DO-221AC	1.00	600	30	1.3	5	1	600	0.25	150
FS1MFL	DO-221AC	1.00	1000	30	1.3	5	1	1000	0.5	150
FS2GFL	DO-221AC	2.00	400	50	1.3	5	2	400	0.15	150
FS2JFL	DO-221AC	2.00	600	50	1.3	5	2	600	0.25	150
FS2MFL	DO-221AC	2.00	1000	50	1.3	5	2	1000	0.5	150
FSM13PL	SOD-123FL	1.00	200	30	1.3	1	1	200	0.15	150
FSM14PL	SOD-123FL	1.00	400	30	1.3	1	1	400	0.15	150
FSM15PL	SOD-123FL	1.00	600	30	1.3	1	1	600	0.25	150
FSM17PL	SOD-123FL	1.00	1000	30	1.3	1	1	1000	0.5	150

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	T_J (°C)
FSM154PL	SOD-123FL	1.50	400	45	1.3	5	1	400	0.15	150
FSM155PL	SOD-123FL	1.50	600	45	1.3	5	1	600	0.25	150
FSM157PL	SOD-123FL	1.50	1000	45	1.3	5	1	1000	0.5	150
FSM14HL	SOD-123HL	1.00	400	30	1.3	5	1	400	0.15	150
FSM15HL	SOD-123HL	1.00	600	30	1.3	5	1	600	0.25	150
FSM17HL	SOD-123HL	1.00	1000	30	1.3	5	1	1000	0.5	150
FSM24HL	SOD-123HL	2.00	400	50	1.3	5	2	400	0.15	150
FSM25HL	SOD-123HL	2.00	600	50	1.3	5	2	600	0.25	150
FSM27HL	SOD-123HL	2.00	1000	50	1.3	5	2	1000	0.5	150
FM2000GP	SMA	0.50	2000	30	2.5	5	0.5	2000	0.5	150
FS1B-L	SMA	1.00	100	30	1.3	5	1	100	0.15	150
FS1D-L	SMA	1.00	200	30	1.3	5	1	200	0.15	150
FS1G-L	SMA	1.00	400	30	1.3	5	1	400	0.15	150
FS1J-L	SMA	1.00	600	30	1.3	5	1	600	0.25	150
FS1K-L	SMA	1.00	800	30	1.3	5	1	800	0.5	150
FS1M-L	SMA	1.00	1000	30	1.3	5	1	1000	0.5	150
FS2J-L	SMA	2.00	600	50	1.3	5	2	600	0.25	150
FS2K-L	SMA	2.00	800	50	1.3	5	2	800	0.5	150
FS2M-L	SMA	2.00	1000	50	1.3	5	2	1000	0.5	150
FR1D-L	SMB	1.00	200	30	1.3	5	1	200	0.15	150
FR1J-L	SMB	1.00	600	30	1.3	5	1	600	0.25	150
FR1K-L	SMB	1.00	800	30	1.3	5	1	800	0.5	150
FR1M-L	SMB	1.00	1000	30	1.3	5	1	1000	0.5	150
FR2J-L	SMB	2.00	600	50	1.3	5	2	600	0.25	150
FR2K-L	SMB	2.00	800	50	1.3	5	2	800	0.5	150
FR2M-L	SMB	2.00	1000	50	1.3	5	2	1000	0.5	150
FR3GB	SMB	3.00	400	100	1.3	10	3	400	0.15	150
FR3JB	SMB	3.00	600	100	1.3	10	3	600	0.25	150
FR3MB	SMB	3.00	1000	100	1.3	10	3	1000	0.5	150
FR2GBFL	SMBF	2.00	400	50	1.3	5	2	400	0.15	150
FR2JBFL	SMBF	2.00	600	50	1.3	5	2	600	0.25	150
FR2MBFL	SMBF	2.00	1000	50	1.3	5	2	1000	0.5	150
FR3GBFL	SMBF	3.00	400	100	1.3	5	3	400	0.15	150
FR3JBFL	SMBF	3.00	600	100	1.3	5	3	600	0.25	150
FR3MBFL	SMBF	3.00	1000	100	1.3	5	3	1000	0.5	150
FR4MBFL	SMBF	4.00	1000	120	1.3	5	4	1000	0.5	150
FR3B	SMC	3.00	100	100	1.3	10	3	100	0.15	150
FR3J	SMC	3.00	600	100	1.3	10	3	600	0.25	150
FR3K	SMC	3.00	800	100	1.3	10	3	800	0.5	150
FR3M	SMC	3.00	1000	100	1.3	10	3	1000	0.5	150

Diodes

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
SF1600	DO-15	1	1600	30	3.4	2.5	1	1600	0.075	150
HER204G	DO-15	2	300	60	1	5	2	300	0.05	150
HER205G	DO-15	2	400	60	1.3	5	2	400	0.05	150
HER208G	DO-15	2	1000	60	1.7	5	2	1000	0.075	150
MUR260GPL	DO-15	2	600	50	1.35	5	2	600	0.05	150
SF24G	DO-15	2	200	50	0.95	5	2	200	0.035	150
SF26G	DO-15	2	400	50	1.3	5	2	400	0.035	150
SF28G	DO-15	2	600	50	1.7	5	2	600	0.035	150
SF26GS	DO-15	2	400	50	1.3	5	2	400	0.035	150
HER304G	DO-201AD	3	300	125	0.95	10	3	300	0.05	150
HER305G	DO-201AD	3	400	125	1.3	10	3	400	0.05	150
HER308G	DO-201AD	3	1000	125	1.7	10	3	1000	0.075	150
SF34G	DO-201AD	3	200	125	0.95	5	3	200	0.035	150
SF36G	DO-201AD	3	400	125	1.27	5	3	400	0.035	150
SF38G	DO-201AD	3	600	125	1.75	5	3	600	0.035	150
UF5404GP	DO-201AD	3	400	100	1.3	10	3	400	0.05	150
UF5406GP	DO-201AD	3	600	100	1.7	10	3	600	0.075	150
UF5407GP	DO-201AD	3	800	100	1.7	10	3	800	0.075	150
UF5408GP	DO-201AD	3	1000	100	1.7	10	3	1000	0.075	150
MUR420GP	DO-201AD	4	200	150	1	10	4	200	0.025	150
MUR460GP	DO-201AD	4	600	150	1.28	10	4	600	0.05	150
MUR4100GP	DO-201AD	4	1000	150	1.85	10	4	1000	0.075	150
HER505GP	DO-201AD	5	400	160	1.3	5	5	400	0.05	150
HER508GP	DO-201AD	5	1000	160	1.7	5	5	1000	0.075	150
SF54G	DO-201AD	5	200	150	0.95	5	5	200	0.035	150
SF56G	DO-201AD	5	400	150	1.27	5	5	400	0.035	150
SF58G	DO-201AD	5	600	150	1.75	5	5	600	0.035	150
SF64G	DO-201AD	6	200	150	0.975	5	6	200	0.035	150
SF66G	DO-201AD	6	400	150	1.3	5	6	400	0.035	150
SF68G	DO-201AD	6	600	150	1.7	5	6	600	0.035	150
HER104G	DO-41	1	300	30	1	5	1	300	0.05	150
HER107G	DO-41	1	800	30	1.7	5	1	800	0.075	150
HER108G	DO-41	1	1000	30	1.7	5	1	1000	0.075	150
MUR140GP	DO-41	1	400	35	1.35	5	1	400	0.045	150
MUR160GP	DO-41	1	600	35	1.35	5	1	600	0.06	150
SF14G	DO-41	1	200	30	0.95	5	1	200	0.035	150
SF16G	DO-41	1	400	30	1.3	5	1	400	0.035	150
SF18G	DO-41	1	600	30	1.7	5	1	600	0.035	150
SF18GL	DO-41	1	600	35	1.25	5	1	600	0.05	150
UF4004GP	DO-41	1	400	30	1.3	5	1	400	0.05	150
UF4005GP	DO-41	1	600	30	1.7	5	1	600	0.075	150
UF4007GP	DO-41	1	1000	30	1.7	5	1	1000	0.075	150
UF4012GP	DO-41	1	1200	30	1.85	5	1	1200	0.15	150
HER606GP	R-6	6	600	200	1.7	10	6	600	0.075	150

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	T_J (°C)
HER607GP	R-6	6	800	200	1.7	10	6	800	0.075	150
HER608GP	R-6	6	1000	200	1.7	10	6	1000	0.075	150
MUR1020FCT	ITO-220AB	10	200	80	0.975	10	5	200	0.035	150
MUR1040FCT	ITO-220AB	10	400	80	1.3	10	5	400	0.05	150
MUR1060FCT	ITO-220AB	10	600	80	1.5	10	5	600	0.05	150
MURS1020FCTA	ITO-220AB	10	200	70	1	5	5	200	0.035	150
MURS1040FCTA	ITO-220AB	10	400	70	1.25	5	5	400	0.035	150
MURS1060FCTA	ITO-220AB	10	600	70	1.6	5	5	600	0.035	150
SF1040FCT	ITO-220AB	10	400	80	1.3	5	5	400	0.035	150
MUR1620FCT	ITO-220AB	16	200	120	0.95	5	8	200	0.035	150
MUR1640FCT	ITO-220AB	16	400	120	1.3	5	8	400	0.05	150
MUR1660FCT	ITO-220AB	16	600	120	1.7	5	8	600	0.05	150
MURS1620FCTA	ITO-220AB	16	200	100	1	5	8	200	0.035	175
MURS1640FCTA	ITO-220AB	16	400	100	1.25	5	8	400	0.035	150
MURS1660FCTA	ITO-220AB	16	600	100	1.6	5	8	600	0.035	175
MUR2020FCT	ITO-220AB	20	200	125	0.975	1	10	200	0.035	150
MUR2040FCT	ITO-220AB	20	400	125	1.3	1	10	400	0.05	150
MUR2060FCT	ITO-220AB	20	600	125	1.5	1	10	600	0.05	150
MURS2020FCTA	ITO-220AB	20	200	120	1	5	10	200	0.035	175
MURS2040FCTA	ITO-220AB	20	400	120	1.25	5	10	400	0.035	175
MURS2060FCTA	ITO-220AB	20	600	120	1.6	5	10	600	0.035	175
UG2030FCTH	ITO-220AB	20	300	150	1.25	10	10	300	0.025	175
MURS520FA	ITO-220AC	5	200	70	1	5	5	200	0.035	150
MURS540FA	ITO-220AC	5	400	70	1.25	5	5	400	0.035	175
MURS560FA	ITO-220AC	5	600	70	1.6	5	5	600	0.035	150
MUR8100F	ITO-220AC	8	1000	150	1.7	10	8	1000	0.09	150
MUR820F	ITO-220AC	8	200	125	0.975	5	8	200	0.035	150
MUR860F	ITO-220AC	8	600	125	1.5	5	8	600	0.05	150
MURS8120FA	ITO-220AC	8	1200	60	2.5	5	8	1200	0.075	150
MURS820FA	ITO-220AC	8	200	100	1	5	8	200	0.035	150
MURS840FA	ITO-220AC	8	400	100	1.25	5	8	400	0.035	150
MURS860FA	ITO-220AC	8	600	100	1.6	5	8	600	0.035	175
MURS860FB	ITO-220AC	8	600	70	3.6	10	8	600	0.04	150
MURS865FA	ITO-220AC	8	650	75	1.6	5	8	650	0.035	175
MUR1020F	ITO-220AC	10	200	125	1.15	5	10	200	0.035	150
MUR1040F	ITO-220AC	10	400	125	1.5	5	10	400	0.05	150
MUR1060F	ITO-220AC	10	600	125	1.6	5	10	600	0.05	150
MURS1020FA	ITO-220AC	10	200	120	1	5	10	200	0.035	150
MURS1040FA	ITO-220AC	10	400	120	1.25	5	10	400	0.035	150
MURS1060FA	ITO-220AC	10	600	120	1.6	5	10	600	0.035	175
MURS1060FL	ITO-220AC	10	600	100	1.3	5	15	600	0.075	150
MUR15120F	ITO-220AC	15	1200	110	2.7	10	15	1200	0.065	150
MUR15120FL	ITO-220AC	15	1200	110	3.2	5	15	1200	0.06	150
MURS1560FA	ITO-220AC	15	600	160	1.6	5	15	600	0.04	150

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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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
MURS1560FB	ITO-220AC	15	600	160	2.8	10	15	600	0.025	175
MURS1560FL	ITO-220AC	15	600	160	1.5	10	15	600	0.075	175
MUR1660F	ITO-220AC	16	600	200	1.5	5	16	600	0.05	150
MURS2060FS	ITO-220AC	20	600	160	1.7	5	20	600	0.04	150
MURS3060F	ITO-220AC	30	600	200	2	5	30	600	0.035	175
MURS3060FB	ITO-220AC	30	600	200	2.95	5	30	600	0.035	175
MUR1020CT	TO-220AB	10	200	80	0.975	10	5	200	0.035	150
MUR1040CT	TO-220AB	10	400	80	1.25	10	5	400	0.05	150
MUR1080CT	TO-220AB	10	800	100	1.85	5	5	800	0.075	150
MURS1020CTA	TO-220AB	10	200	70	1	5	5	200	0.035	175
MURS1020CTB	TO-220AB	10	200	80	0.96	10	5	200	0.02	175
MURS1040CTA	TO-220AB	10	400	70	1.25	5	5	400	0.035	150
MURS1060CTA	TO-220AB	10	600	70	1.6	5	5	600	0.035	150
MUR1620CT	TO-220AB	16	200	100	0.975	5	8	200	0.035	150
MUR1640CT	TO-220AB	16	400	100	1.3	5	8	400	0.05	150
MUR1660CT	TO-220AB	16	600	100	1.7	5	8	600	0.05	150
MURS1660CT	TO-220AB	16	600	125	1.6	10	8	600	0.035	150
MURS1620CTA	TO-220AB	16	200	100	1	5	8	200	0.035	175
MURS1640CTA	TO-220AB	16	400	100	1.25	5	8	400	0.035	150
MURS1660CTA	TO-220AB	16	600	100	1.6	5	8	600	0.035	175
SF1640CT	TO-220AB	16	400	100	1.3	10	8	1200	0.035	150
SF1660CT	TO-220AB	16	600	100	1.7	10	8	600	0.035	150
MUR2020CT	TO-220AB	20	200	125	0.975	10	10	200	0.035	150
MUR2040CT	TO-220AB	20	400	125	1.3	10	10	400	0.05	150
MUR2060CT	TO-220AB	20	600	125	1.5	10	10	600	0.05	150
MURS2020CTA	TO-220AB	20	200	120	1	5	10	200	0.035	175
MURS2030CTAS	TO-220AB	20	300	150	1.4	10	10	300	0.025	175
MURS2040CTA	TO-220AB	20	400	120	1.25	5	10	400	0.035	175
MURS2060CTA	TO-220AB	20	600	120	1.6	5	10	600	0.035	175
MURS520A	TO-220AC	5	200	70	1	5	5	200	0.035	150
MURS540A	TO-220AC	5	400	70	1.25	5	5	400	0.035	175
MURS560A	TO-220AC	5	600	70	1.6	5	5	600	0.035	150
MUR820	TO-220AC	8	200	125	0.975	5	8	200	0.035	150
MUR840	TO-220AC	8	400	125	1.3	5	8	400	0.05	150
MUR860	TO-220AC	8	600	125	1.5	5	8	600	0.05	150
MUR8120	TO-220AC	8	1200	110	2.3	10	8	1200	0.065	150
MUR820H	TO-220AC	8	200	150	1.16	10	8	200	0.025	175
MURS8120A	TO-220AC	8	1200	60	2.5	5	8	1200	0.075	150
MURS820A	TO-220AC	8	200	100	1	5	8	200	0.035	150
MURS840A	TO-220AC	8	400	100	1.25	5	8	400	0.035	150
MURS860A	TO-220AC	8	600	100	1.6	5	8	600	0.035	175
MURS860B	TO-220AC	8	600	70	3.6	10	8	600	0.04	150
MUR1040	TO-220AC	10	400	100	1.5	5	10	400	0.05	150
MUR1060	TO-220AC	10	600	100	1.5	5	10	600	0.05	150

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	T_J (°C)
MURS1020A	TO-220AC	10	200	120	1	5	10	200	0.035	150
MURS1040A	TO-220AC	10	400	120	1.25	5	10	400	0.035	150
MURS1060A	TO-220AC	10	600	120	1.6	5	10	600	0.035	175
MURS1060L	TO-220AC	10	600	100	1.3	5	15	600	0.075	150
MUR15120	TO-220AC	15	1200	150	2.4	10	15	1200	0.075	150
MUR15120L	TO-220AC	15	1200	110	3.2	5	15	1200	0.06	150
MUR1560H	TO-220AC	15	600	180	1.65	3	15	600	0.035	175
MUR1560HS	TO-220AC	15	600	330	1.5	10	15	600	0.05	175
MURS15120A	TO-220AC	15	1200	140	2.5	5	15	1200	0.06	150
MURS1560A	TO-220AC	15	600	160	1.6	5	15	600	0.04	175
MURS1560B	TO-220AC	15	600	160	2.8	10	15	600	0.025	175
MURS1560L	TO-220AC	15	600	160	1.5	10	15	600	0.075	175
MUR1620	TO-220AC	16	200	200	0.975	5	16	200	0.035	150
MUR1660	TO-220AC	16	600	200	1.5	5	16	600	0.05	150
MURS3060	TO-220AC	30	600	200	1.7	50	30	600	0.05	150
MURS3060A	TO-220AC	30	600	300	1.6	5	30	600	0.035	175
MUR2030PT	TO-247	20	300	125	1.2	10	10	300	0.03	175
MUR30120PT	TO-247	30	1200	100	2.9	10	15	1200	0.055	175
MUR3030PT	TO-247	30	300	180	1.35	5	15	300	0.035	175
MUR3040PT	TO-247	30	400	140	1.45	10	15	400	0.045	150
MUR3060PTH	TO-247	30	600	150	1.6	5	15	600	0.035	175
MUR6030PTS	TO-247	60	300	350	1.4	10	30	300	0.029	150
MUR6040PT	TO-247	60	400	480	1.4	10	30	400	0.05	175
MUR6040PTS	TO-247	60	400	300	1.4	5	30	400	0.028	150
MUR6060PT	TO-247	60	600	300	1.55	10	30	600	0.05	175
MUR6060PTH	TO-247	60	600	300	1.6	5	30	600	0.038	175
MUR30120BH	TO-247AD	30	1200	300	2.4	5	30	1200	0.075	175
MUR30120BS	TO-247AD	30	1200	210	3.3	5	30	1200	0.038	150
MUR3060BS	TO-247AD	30	600	300	1.8	5	30	600	0.033	150
MUR3065B	TO-247AD	30	650	300	1.8	10	30	650	0.05	175
MUR3065BL	TO-247AD	30	650	300	2.4	10	30	650	0.04	175
MURZ3065P	TO-247AD	30	650	220	1.8	10	30	650	0.095	150
MUR4065B	TO-247AD	40	650	450	1.8	10	40	650	0.05	175
MURZ50120P	TO-247AD	50	1200	400	1.85	10	50	1200	0.2	150
MUR60120B	TO-247AD	60	1200	500	3.3	15	60	1200	0.085	175
MUR60120BH	TO-247AD	60	1200	500	3.3	5	60	1200	0.085	175
MUR60120BS	TO-247AD	60	1200	400	3.3	5	60	1200	0.045	150
MUR6040B	TO-247AD	60	400	500	1.7	10	60	400	0.075	150
MUR6060B	TO-247AD	60	600	600	1.7	10	60	600	0.075	175
MUR6060BH	TO-247AD	60	600	600	2.4	10	60	600	0.075	175
MUR6060BS	TO-247AD	60	600	500	2.5	5	60	600	0.035	175
MUR6065B	TO-247AD	60	650	500	1.9	5	60	650	0.075	175
MUR6065BL	TO-247AD	60	650	500	2.2	10	60	650	0.05	175
MURZ6065P	TO-247AD	60	650	440	1.8	10	60	650	0.105	150

Diodes

Super Fast Recovery Rectifiers

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		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
MUR75120BA	TO-247AD	75	1200	500	3	10	75	1200	0.09	175
MUR7560B	TO-247AD	75	600	500	2.75	5	75	600	0.035	175
MURZ75120P	TO-247AD	75	1200	500	1.85	10	75	1200	0.22	150
MUR10065B	TO-247AD	100	650	500	2.5	10	100	650	0.07	175
UGJL2030CTH	TO-262L	20	300	150	1.25	10	10	300	0.025	175
MURS1JPL	SOD-123FL	1	600	30	1.25	5	1	600	0.05	150
SFM14PL	SOD-123FL	1	200	30	0.95	5	1	NULL	0.035	150
SFM16PL	SOD-123FL	1	400	30	1.25	5	1	NULL	0.035	150
SFM18PL	SOD-123FL	1	600	30	1.7	5	1	NULL	0.035	150
UFM12PL	SOD-123FL	1	100	30	1	5	1	100	0.035	150
UFM13PL	SOD-123FL	1	200	30	1	5	1	200	0.035	150
UFM14PL	SOD-123FL	1	400	30	1.3	5	1	400	0.05	150
UFM15PL	SOD-123FL	1	600	30	1.7	5	1	600	0.075	150
UFM16PL	SOD-123FL	1	800	30	1.7	5	1	800	0.075	150
UFM17PL	SOD-123FL	1	1000	30	1.7	5	1	1000	0.075	150
UG1DPL	SOD-123FL	1	200	30	0.92	5	1	200	0.025	150
UG1GPL	SOD-123FL	1	400	30	1.25	5	1	400	0.025	150
UG1JPL	SOD-123FL	1	600	30	1.7	5	1	600	0.035	150
ES1DHL	SOD-123HL	1	200	30	1	5	1	200	0.035	150
ES1GHL	SOD-123HL	1	400	30	1.3	5	1	400	0.035	150
ES1JHL	SOD-123HL	1	600	30	1.7	5	1	600	0.035	150
MURS1JHL	SOD-123HL	1	600	30	1.25	5	1	600	0.05	150
UG1DHL	SOD-123HL	1	200	30	0.92	5	1	200	0.025	150
UG1GHL	SOD-123HL	1	400	30	1.25	5	1	400	0.025	150
UG1JHL	SOD-123HL	1	600	30	1.7	5	1	600	0.035	150
US1DHL	SOD-123HL	1	200	30	1	5	1	200	0.05	150
US1GHL	SOD-123HL	1	400	30	1.3	5	1	400	0.05	150
US1MHL	SOD-123HL	1	1000	30	1.7	5	1	1000	0.075	150
ES2DHL	SOD-123HL	2	200	50	0.95	5	2	200	0.035	150
ES2GHL	SOD-123HL	2	400	50	1.3	5	2	400	0.035	150
ES2JHL	SOD-123HL	2	600	50	1.7	5	2	600	0.035	150
MURS2JHL	SOD-123HL	2	600	50	1.25	5	2	600	0.05	150
UG2DHL	SOD-123HL	2	200	50	0.92	5	2	200	0.025	150
UG2GHL	SOD-123HL	2	400	50	1.25	5	2	400	0.025	150
UG2JHL	SOD-123HL	2	600	50	1.7	5	2	600	0.035	150
US2DHL	SOD-123HL	2	200	50	1	5	2	200	0.05	150
US2GHL	SOD-123HL	2	400	50	1.3	5	2	400	0.05	150
US2MHL	SOD-123HL	2	1000	50	1.7	5	2	1000	0.075	150
ES1JFL	DO-221AC	1	600	30	1.7	5	1	600	0.035	150
ES1KFL	DO-221AC	1	800	30	1.85	5	1	800	0.035	150
MURS1JAFL	DO-221AC	1	600	30	1.4	5	1	600	0.035	150
US1DFL	DO-221AC	1	200	30	1	5	1	200	0.05	150
US1GFL	DO-221AC	1	400	30	1.3	5	1	400	0.05	150
US1JFL	DO-221AC	1	600	30	1.7	5	1	600	0.075	150

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
US1MFL	DO-221AC	1	1000	30	1.7	5	1	1000	0.075	150
ES2DFL	DO-221AC	2	200	50	1	5	2	200	0.035	150
ES2GFL	DO-221AC	2	400	50	1.3	5	2	400	0.035	150
ES2JFL	DO-221AC	2	600	50	1.7	5	2	600	0.035	150
ES2KFL	DO-221AC	2	800	50	1.85	5	2	800	0.035	150
UG2DAFL	DO-221AC	2	200	65	0.93	2	2	200	0.025	175
US2DFL	DO-221AC	2	200	50	1	5	1	200	0.05	150
US2GFL	DO-221AC	2	400	50	1.4	5	1	400	0.05	150
US2JFL	DO-221AC	2	600	50	1.7	5	1	600	0.075	150
US2MFL	DO-221AC	2	1000	50	1.7	5	1	1000	0.075	150
MURS3JAFL	DO-221AC	3	600	100	1.7	5	3	600	0.035	150
UG3DAFL	DO-221AC	3	200	85	0.93	2	3	200	0.035	175
ES1B-L	SMA	1	100	30	0.95	1	1	100	0.035	175
ES1D-L	SMA	1	200	30	0.95	1	1	200	0.035	175
ES1G-L	SMA	1	400	30	1.25	1	1	400	0.035	175
ES1J-L	SMA	1	600	30	1.7	1	1	600	0.035	175
HS1K	SMA	1	800	30	2.2	5	1	800	0.035	175
MURS1D	SMA	1	200	30	0.92	5	1	200	0.015	150
MURS1G	SMA	1	400	30	1.25	5	1	400	0.025	150
MURS1J	SMA	1	600	30	1.25	5	1	600	0.05	175
MURS1JAL	SMA	1	600	30	1.4	5	1	600	0.035	150
UG1D	SMA	1	200	30	0.92	5	1	200	0.025	150
UG1G	SMA	1	400	30	1.25	5	1	400	0.025	150
US1D	SMA	1	200	30	1	5	1	200	0.05	150
US1G	SMA	1	400	30	1.3	5	1	400	0.05	150
US1J	SMA	1	600	30	1.7	5	1	600	0.075	150
US1K	SMA	1	800	30	1.7	5	1	800	0.075	150
US1M	SMA	1	1000	30	1.7	5	1	1000	0.075	150
US1ML	SMA	1	1000	30	1.5	5	1	1000	0.12	150
US1Q	SMA	1	1200	30	1.9	5	1	1200	0.075	150
US1R	SMA	1	1300	30	2.3	5	1	1300	0.075	150
ES2D-L	SMA	2	200	50	0.95	1	2	200	0.035	175
ES2G-L	SMA	2	400	50	1.25	1	2	400	0.035	175
ES2J-L	SMA	2	600	50	1.7	1	2	600	0.035	175
MURS2JA	SMA	2	600	50	1.25	5	2	600	0.05	150
UP2DA	SMA	2	200	50	1	5	2	200	0.02	150
US2AA	SMA	2	50	50	1	5	2	50	0.05	150
US2DA	SMA	2	200	50	1	5	2	200	0.05	150
US2GA	SMA	2	400	50	1.4	5	2	400	0.05	150
US2JA	SMA	2	600	50	1.7	5	2	600	0.075	150
US2KA	SMA	2	800	50	1.7	5	2	800	0.075	150
US2MA	SMA	2	1000	50	1.7	5	2	1000	0.075	150
ER1D-L	SMB	1	200	30	0.95	5	1	200	0.035	175
ER1G-L	SMB	1	400	30	1.25	5	1	400	0.035	175

Diodes

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	T_J (°C)
ER1J-L	SMB	1	600	30	1.7	5	1	600	0.035	175
ER1Q-L	SMB	1	1200	30	1.85	5	1	1200	0.15	150
MURS1DBL	SMB	1	200	40	0.9	2	1	200	0.025	150
MURS1JBL	SMB	1	600	35	1.25	5	1	600	0.05	150
UF1D	SMB	1	200	30	1	5	1	200	0.05	150
UF1G	SMB	1	400	30	1.3	5	1	400	0.05	150
UF1M	SMB	1	1000	30	1.7	5	1	1000	0.075	150
UF1Q	SMB	1	1200	30	1.9	5	1	1200	0.075	150
US1YB	SMB	1	1600	30	3.2	5	1	1600	0.075	150
ER2B-L	SMB	2	100	50	0.95	5	2	100	0.035	175
ER2D-L	SMB	2	200	50	0.95	5	2	200	0.035	175
ER2G-L	SMB	2	400	50	1.25	5	2	400	0.035	175
ER2J-L	SMB	2	600	50	1.7	5	2	600	0.035	175
HS2K	SMB	2	800	50	1.85	5	2	800	0.035	150
MURS2D	SMB	2	200	50	0.92	2	2	200	0.025	175
MURS2J	SMB	2	600	50	1.25	5	2	600	0.05	150
US2A	SMB	2	50	50	1	5	2	50	0.05	150
US2D	SMB	2	200	50	1	5	2	200	0.05	150
US2G	SMB	2	400	50	1.4	5	2	400	0.05	150
US2J	SMB	2	600	50	1.65	5	2	600	0.075	150
US2M	SMB	2	1000	50	1.65	5	2	1000	0.075	150
US2Q	SMB	2	1200	50	1.7	5	2	1200	0.1	150
ER3BB	SMB	3	100	100	0.95	5	3	100	0.035	150
ER3DB	SMB	3	200	100	0.95	5	3	200	0.035	150
ER3GB	SMB	3	400	100	1.25	5	3	400	0.035	150
ER3JB	SMB	3	600	100	1.7	5	3	600	0.035	150
ER3MB	SMB	3	1000	100	1.7	5	3	1000	0.075	150
MURF3JB	SMB	3	600	60	1.3	5	3	600	0.05	175
MURS3GB	SMB	3	400	100	1	5	3	400	0.035	150
MURS3JB	SMB	3	600	100	1.25	5	3	600	0.05	150
UG3DB	SMB	3	200	90	0.92	5	3	200	0.025	150
UG3GB	SMB	3	400	90	1.25	5	3	400	0.025	150
MURS4JB	SMB	4	600	100	1.25	5	4	600	0.05	150
ER2DBFL	SMBF	2	200	50	0.95	5	2	200	0.035	150
ER2GBFL	SMBF	2	400	50	1.3	5	2	400	0.035	150
ER2JBFL	SMBF	2	600	50	1.7	5	2	600	0.035	150
ER2KBFL	SMBF	2	800	50	1.85	5	2	800	0.035	150
MURS2DBFL	SMBF	2	200	50	0.92	5	2	200	0.025	150
MURS2GBFL	SMBF	2	400	50	1.25	5	2	400	0.05	150
MURS2JBFL	SMBF	2	600	50	1.25	5	2	600	0.05	150
US2DBFL	SMBF	2	200	50	1	5	2	200	0.05	150
US2GBFL	SMBF	2	400	50	1.3	5	2	400	0.05	150
US2MBFL	SMBF	2	1000	50	1.7	5	2	1000	0.075	150
ER3DBFL	SMBF	3	200	100	0.95	5	3	200	0.035	150

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (us)	T_J (°C)
ER3GBFL	SMBF	3	400	100	1.3	5	3	400	0.035	150
ER3JBFL	SMBF	3	600	100	1.7	5	3	600	0.035	150
ER3KBFL	SMBF	3	800	100	1.85	5	3	800	0.035	150
MURS3DBFL	SMBF	3	200	100	0.92	5	3	200	0.035	150
MURS3GBFL	SMBF	3	400	100	1.25	5	3	400	0.05	150
MURS3JBFL	SMBF	3	600	100	1.25	5	3	600	0.05	150
US3DBFL	SMBF	3	200	100	1	5	3	200	0.05	150
US3GBFL	SMBF	3	400	100	1.3	5	3	400	0.05	150
US3MBFL	SMBF	3	1000	100	1.7	5	3	1000	0.075	150
MURS4JBFL	SMBF	4	600	100	1.25	5	4	600	0.05	150
ER3C	SMC	3	150	100	0.95	5	3	150	0.035	175
ER3D	SMC	3	200	100	0.95	5	3	200	0.035	175
ER3G	SMC	3	400	100	1.25	5	3	400	0.035	175
ER3J	SMC	3	600	100	1.7	5	3	600	0.035	175
ER3K	SMC	3	800	100	1.7	5	3	800	0.075	175
ER3M	SMC	3	1000	100	1.7	5	3	1000	0.075	175
ER3JL	SMC	3	600	120	1.25	5	3	600	0.05	150
MURS3D	SMC	3	200	100	0.92	5	3	200	0.035	150
MURS3G	SMC	3	400	100	1	5	3	400	0.035	150
MURS3J	SMC	3	600	75	1.25	5	3	600	0.05	150
US3Q	SMC	3	1200	80	2.4	5	3	1200	0.075	150
MURS4D	SMC	4	200	125	0.92	5	4	200	0.025	150
MURS4J	SMC	4	600	125	1.25	5	4	600	0.05	150
ER5D	SMC	5	200	175	1	10	5	200	0.035	150
ER5G	SMC	5	400	175	1.3	10	5	400	0.035	150
ER5J	SMC	5	600	175	1.7	10	5	600	0.035	150
MURS5J	SMC	5	600	120	1.25	5	5	600	0.035	150
US5D	SMC	5	200	150	1	10	5	200	0.05	150
US5G	SMC	5	400	150	1.3	10	5	400	0.05	150
US5M	SMC	5	1000	150	1.7	10	5	1000	0.075	150
MUR5U60	TO-277	5	600	120	1.5	5	5	600	0.05	150
MUR6U60	TO-277	6	600	80	2.2	5	6	600	0.035	150
MURBF1660C	TO-263AC	16	600	200	1.3	10	16	600	0.055	175
MURBF1660CT	TO-263AC	16	600	120	1.5	10	8	600	0.035	175
MURBF3060CT	TO-263AC	30	600	200	1.15	10	15	600	0.055	175
MURD420	DPAK	4	200	90	0.84	100	4	200	0.028	175
MURD5120	DPAK	5	1200	80	2.2	5	5	1200	0.065	150
MURD560C	DPAK	5	600	110	1.4	10	5	600	0.035	150
MURSD520A	DPAK	5	200	70	1	5	5	200	0.035	150
MURSD540A	DPAK	5	400	70	1.25	5	5	400	0.035	175
MURSD560A	DPAK	5	600	70	1.6	5	5	600	0.035	150
MURD860	DPAK	8	600	80	3	10	8	600	0.025	175
MURD880	DPAK	8	800	80	2.4	10	8	800	0.033	175
MURSD8120A	DPAK	8	1200	60	2.5	5	8	1200	0.075	150

Diodes

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	Maximum DC Blocking Voltage	Reverse Recovery Time	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)	T_J (°C)
MURSD820A	DPAK	8	200	100	1	5	8	200	0.035	150
MURSD840A	DPAK	8	400	100	1.25	5	8	400	0.035	150
MURSD860A	DPAK	8	600	100	1.6	5	8	600	0.035	175
MURSD860B	DPAK	8	600	70	3.6	10	8	600	0.04	150
MURSD1020A	DPAK	10	200	120	1	5	10	200	0.035	150
MURSD1020CTA	DPAK	10	200	70	1	5	5	200	0.035	150
MURSD1040A	DPAK	10	400	120	1.25	5	10	400	0.035	150
MURSD1040CTA	DPAK	10	400	70	1.25	5	5	400	0.035	150
MURSD1060A	DPAK	10	600	120	1.6	5	10	600	0.035	175
MURSD1060CTA	DPAK	10	600	70	1.6	5	5	600	0.035	150
MURSD1060L	DPAK	10	600	100	1.3	5	15	600	0.075	150
MURSD1620CTA	DPAK	16	200	100	1	5	8	200	0.035	175
MURSD1640CTA	DPAK	16	400	100	1.25	5	8	400	0.035	150
MURSD1660CTA	DPAK	16	600	100	1.6	5	8	600	0.035	175
MURSB8120A	D2-PAK	8	1200	60	2.5	5	8	1200	0.075	150
MURB10120C	D2-PAK	10	1200	110	2.4	10	10	1200	0.075	150
MURSB1020CTA	D2-PAK	10	200	70	1	5	5	200	0.035	150
MURSB1040CTA	D2-PAK	10	400	70	1.25	5	5	400	0.035	150
MURSB1060CTA	D2-PAK	10	600	70	1.6	5	5	600	0.035	150
MURB15120C	D2-PAK	15	1200	150	2.4	10	15	1200	0.075	150
MURB15120L	D2-PAK	15	1200	110	3.2	5	15	1200	0.06	150
MURSB1520	D2-PAK	15	200	200	1.02	10	15	200	0.035	175
MURSB1560	D2-PAK	15	600	180	1.55	10	15	600	0.04	175
MURSB1620CTA	D2-PAK	16	200	100	1	5	8	200	0.035	175
MURSB1640CTA	D2-PAK	16	400	100	1.25	5	8	400	0.035	150
MURSB1660CTA	D2-PAK	16	600	100	1.6	5	8	600	0.035	175
MURB2020C	D2-PAK	20	200	350	1.15	10	20	200	0.035	150
MURSB2020CTA	D2-PAK	20	200	120	1	5	10	200	0.035	175
MURSB2040CTA	D2-PAK	20	400	120	1.25	5	10	400	0.035	175
MURSB2060CTA	D2-PAK	20	600	120	1.6	5	10	600	0.035	175
MURB30120L	D2-PAK	30	1200	180	3.3	5	30	1200	0.07	150
MURSB3060C	D2-PAK	30	600	300	1.6	5	30	600	0.035	175

Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
CSP522S-30DP	0201-A	0.100	30	0.65	5	0.1	30	125
RB751S-40DP	0201	0.030	40	0.37	0.5	0.001	30	125
RB520S-30DP	0201	0.100	30	0.56	20	0.1	30	125
RB521S-30DP	0201	0.100	30	0.53	50	0.1	30	125
MBR0530L2	DFN1006-2	0.500	30	0.54	500	0.5	30	100
SM5819L2	DFN1006-2	1.000	40	0.6	60	1	40	125
RB751S-40L2	DFN1006-2L	0.030	40	0.37	0.5	0.001	30	125
BAS70L2	DFN1006-2L	0.070	70	0.41	0.2	0.001	50	150
RB520S-30L2	DFN1006-2L	0.100	30	0.45	0.5	0.01	10	125
RB521S-30L2	DFN1006-2L	0.100	30	0.35	10	0.01	10	125
BAS40L2	DFN1006-2L	0.200	40	0.38	0.2	0.001	30	125
BAT46L2	DFN1006-2L	0.200	100	1	0.1	0.2	50	125
BAT54L2	DFN1006-2L	0.200	30	0.5	2	0.03	25	125
RB520S-40L2	DFN1006-2L	0.200	40	0.39	10	0.01	40	125
MBR0545L2	DFN1006-2L	0.500	45	0.5	50	0.5	30	150
B5819P1L	DFN1608-2	1.000	40	0.54	100	1	40	125
MBR240P1	DFN1608-2L	2.000	40	0.56	50	1	40	125
RB520CS-30	SOD-923	0.100	30	0.45	0.5	0.01	10	125
RB521CS-30	SOD-923	0.100	30	0.35	50	0.01	30	125
RB751S-40	SOD-523	0.030	40	0.37	0.5	0.001	30	125
BAS70X	SOD-523	0.070	70	1	0.1	0.015	50	125
1SS388	SOD-523	0.100	45	0.36	5	0.01	10	125
BAS40X	SOD-523	0.200	40	1	0.2	0.04	30	125
BAT43X	SOD-523	0.200	30	1	0.5	0.2	25	125
BAT46X	SOD-523	0.200	100	1	0.1	0.2	50	125
BAT54WX	SOD-523	0.200	30	0.8	2	0.1	25	125
RB520S-30	SOD-523	0.200	30	0.6	1	0.2	10	125
RB520S-40	SOD-523	0.200	40	0.55	1	0.1	10	125
RB520S-40H	SOD-523	0.200	40	0.6	2	0.2	40	150
RB521S-30	SOD-523	0.200	30	0.5	30	0.2	10	125
RB521S-40	SOD-523	0.200	40	0.54	90	0.2	40	125
SD103AX	SOD-523	0.350	40	0.6	5	0.2	30	125
B5817X2	SOD-523	1.000	40	0.6	30	1	20	125
SD101AWS	SOD-323	0.015	60	0.41	0.2	0.001	50	125
SD101BWS	SOD-323	0.015	50	0.4	0.2	0.001	40	125
SD101CWS	SOD-323	0.015	40	0.39	0.2	0.001	30	125
RB751V-40	SOD-323	0.030	40	0.37	0.5	0.001	30	125
BAS70WX	SOD-323	0.070	70	1	0.1	0.015	50	125
RB500V-40	SOD-323	0.100	40	0.45	1	0.01	10	125
RB501V-40	SOD-323	0.100	40	0.34	30	0.01	10	125
SD107WS	SOD-323	0.100	30	0.55	1	0.05	25	150
BAT46WS	SOD-323	0.150	100	1	0.5	0.25	10	125
BAS40WX	SOD-323	0.200	40	1	0.2	0.04	30	125
BAT42WS	SOD-323	0.200	30	1	0.5	0.2	25	125

Diodes

Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
BAT43WS	SOD-323	0.200	30	0.45	0.5	0.015	25	125
BAT54WS	SOD-323	0.200	30	1	2	0.1	25	125
BAT54WSH	SOD-323	0.300	40	0.9	1	0.1	30	150
SD103AWS	SOD-323	0.350	40	0.37	5	0.02	30	125
SD103BWS	SOD-323	0.350	30	0.37	5	0.02	20	125
SD103CWS	SOD-323	0.350	20	0.37	5	0.02	10	125
B05100WS	SOD-323	0.500	100	0.85	1	0.5	100	150
B0530WS	SOD-323	0.500	30	0.55	300	0.5	30	125
B0540WS	SOD-323	0.500	40	0.55	80	0.5	40	125
B0560WS	SOD-323	0.500	60	0.7	100	0.5	60	125
MBRX0520L	SOD-323	0.500	20	0.39	250	0.5	20	125
RB551V-30	SOD-323	0.500	30	0.47	100	0.5	20	125
RB551V-30S	SOD-323	0.500	30	0.47	100	0.5	20	125
RB551V-40	SOD-323	0.500	40	0.47	100	0.5	40	125
BAT165WS	SOD-323	0.750	40	0.74	8	0.75	40	150
B5817WS	SOD-323	1.000	20	0.45	200	1	20	125
B5818WS	SOD-323	1.000	30	0.55	40	1	30	125
B5819WS	SOD-323	1.000	40	0.6	40	1	40	125
B5818LWS	SOD-323	1.000	30	0.45	200	1	30	125
BSR106WS	SOD-323	1.000	60	0.7	100	1	60	125
MBR160S	SOD-323	1.000	60	1	500	3	60	125
SMD22WS	SOD-323	2.000	20	0.55	100	2	20	125
BAT60B	SOD-323	3.000	10	0.3	15	0.01	5	150
SD101AW	SOD-123	0.015	60	0.41	0.2	0.001	50	125
SD101BW	SOD-123	0.015	50	0.4	0.2	0.001	40	125
SD101CW	SOD-123	0.015	40	0.39	0.2	0.001	30	125
BAS70W	SOD-123	0.070	70	1	0.2	0.015	50	125
BAT46W	SOD-123	0.150	100	1	5	0.25	75	125
BAT42W	SOD-123	0.200	30	1	0.5	0.2	25	125
BAT43W	SOD-123	0.200	30	0.45	0.5	0.015	25	125
BAT54W	SOD-123	0.200	30	1	2	0.1	25	125
SD103AW	SOD-123	0.350	40	0.37	5	0.02	30	125
SD103BW	SOD-123	0.350	30	0.37	5	0.02	20	125
SD103CW	SOD-123	0.350	20	0.37	5	0.02	10	125
B05100W	SOD-123	0.500	100	0.85	1	0.5	100	150
B0540W	SOD-123	0.500	40	0.55	80	0.5	40	150
MBR0520L	SOD-123	0.500	20	0.385	250	0.5	20	125
MBR0530L	SOD-123	0.500	30	0.43	130	0.5	30	125
MBR0540L	SOD-123	0.500	40	0.51	20	0.5	40	125
MBR0520	SOD-123	0.500	20	0.45	100	0.5	20	125
MBR0530	SOD-123	0.500	30	0.55	100	0.5	30	125
MBR0540	SOD-123	0.500	40	0.55	100	0.5	40	125
MBR0560	SOD-123	0.500	60	0.7	100	0.5	60	125
MBR0580	SOD-123	0.500	80	0.8	100	0.5	80	125

Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
B5817W	SOD-123	1.000	20	0.45	200	1	20	125
B5818W	SOD-123	1.000	30	0.55	40	1	30	125
B5819W	SOD-123	1.000	40	0.6	40	1	40	125
MBRX120LF	SOD-123	1.000	20	0.36	260	1	5	125
BAT54V	SOT-563	0.200	30	1	2	0.04	25	150
BAT54CM	SOT-723	0.200	30	1	2	0.1	25	150
BAT54M	SOT-723	0.200	30	0.4	2	0.01	25	150
RB715W	SOT-523	0.030	40	0.37	1	0.001	10	150
BAS70-04T	SOT-523	0.070	70	1	0.1	0.015	50	125
BAS70-05T	SOT-523	0.070	70	1	0.1	0.015	50	125
BAS70-06T	SOT-523	0.070	70	1	0.1	0.015	50	125
BAS70T	SOT-523	0.070	70	1	0.1	0.015	50	125
BAS40-04T	SOT-523	0.200	40	1	0.2	0.04	30	125
BAS40-05T	SOT-523	0.200	40	1	0.2	0.04	30	125
BAS40-06T	SOT-523	0.200	40	1	0.2	0.04	30	125
BAS40T	SOT-523	0.200	40	1	0.2	0.04	30	125
BAT54AT	SOT-523	0.200	30	1	2	0.1	25	125
BAT54CT	SOT-523	0.200	30	1	2	0.1	25	125
BAT54ST	SOT-523	0.200	30	1	2	0.1	25	125
BAT54T	SOT-523	0.200	30	1	2	0.1	25	125
BAT54CTH	SOT-523	0.200	30	1	2	0.1	25	150
BAT54STH	SOT-523	0.200	30	1	2	0.1	25	150
BAT54TH	SOT-523	0.200	30	1	2	0.1	25	150
BAS40V	SOT-563	0.200	40	1	0.2	0.04	30	125
RB706F-40	SOT-323	0.030	40	0.37	1	0.001	10	150
RB715F	SOT-323	0.030	40	0.37	1	0.001	10	150
RB717F	SOT-323	0.030	40	0.37	1	0.001	10	125
BAS70WT	SOT-323	0.070	70	1	0.1	0.015	50	125
BAS70WT-04	SOT-323	0.070	70	1	0.1	0.015	50	125
BAS70WT-05	SOT-323	0.070	70	1	0.1	0.015	50	125
BAS70WT-06	SOT-323	0.070	70	1	0.1	0.015	50	125
BAS40WT	SOT-323	0.200	40	1	1	0.04	30	125
BAS40WT-04	SOT-323	0.200	40	1	1	0.04	30	150
BAS40WT-05	SOT-323	0.200	40	1	1	0.04	30	150
BAS40WT-06	SOT-323	0.200	40	1	1	0.04	30	150
BAT54AWT	SOT-323	0.200	30	0.8	2	0.1	25	125
BAT54CWT	SOT-323	0.200	30	0.8	2	0.1	25	125
BAT54SWT	SOT-323	0.200	30	0.8	2	0.1	25	125
BAT54WT	SOT-323	0.200	30	0.8	2	0.1	25	125
BAT64-04W	SOT-323	0.250	40	0.52	2	0.03	30	150
BAT64-05W	SOT-323	0.250	40	0.52	2	0.03	30	150
BAT64-06W	SOT-323	0.250	40	0.52	2	0.03	30	150
BAT720WT	SOT-323	0.500	40	0.55	100	0.5	35	125
BAS70BRW	SOT-363	0.070	70	1	0.1	0.015	50	125

Diodes

Small Signal Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Operating Junction Temperature
		$I_{F(AV)}$ (A)	V_{RWM} (V)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	$T_J(^{\circ}C)$
BAS70DW-04	SOT-363	0.070	70	1	0.1	0.015	50	125
BAS70DW-05	SOT-363	0.070	70	1	0.1	0.015	50	125
BAS70DW-06	SOT-363	0.070	70	1	0.1	0.015	50	125
BAS70TW	SOT-363	0.070	70	1	0.1	0.015	50	125
BAS40BRW	SOT-363	0.200	40	1	0.2	0.04	30	125
BAS40DW-04	SOT-363	0.200	40	1	0.2	0.04	30	125
BAS40DW-05	SOT-363	0.200	40	1	0.2	0.04	30	125
BAS40DW-06	SOT-363	0.200	40	1	0.2	0.04	30	125
BAS40TW	SOT-363	0.200	40	1	0.2	0.04	30	125
BAT54ADW	SOT-363	0.200	30	1	2	0.1	25	150
BAT54BRW	SOT-363	0.200	30	1	2	0.1	25	150
BAT54CDW	SOT-363	0.200	30	1	2	0.1	25	150
BAT54SDW	SOT-363	0.200	30	1	2	0.1	25	150
BAT54TW	SOT-363	0.200	30	1	2	0.1	25	150
BAT54DW	SOT-363	0.200	30	1	2	0.1	25	150
SD103ATW	SOT-363	0.350	40	0.37	5	0.02	30	125
BAS70	SOT-23	0.070	70	1	0.01	0.015	50	125
BAS70-04	SOT-23	0.070	70	1	0.01	0.015	50	125
BAS70-05	SOT-23	0.070	70	1	0.01	0.015	50	125
BAS70-06	SOT-23	0.070	70	1	0.01	0.015	50	125
BAR43	SOT-23	0.200	30	0.33	0.5	0.002	25	125
BAR43A	SOT-23	0.200	30	0.33	0.5	0.002	25	125
BAR43C	SOT-23	0.200	30	0.33	0.5	0.002	25	125
BAR43S	SOT-23	0.200	30	0.33	0.5	0.002	25	125
BAS40	SOT-23	0.200	40	1	0.01	0.04	30	125
BAS40-04	SOT-23	0.200	40	1	0.01	0.04	30	125
BAS40-05	SOT-23	0.200	40	1	0.01	0.04	30	125
BAS40-06	SOT-23	0.200	40	1	0.01	0.04	30	125
BAT54	SOT-23	0.200	30	0.4	2	0.01	25	125
BAT54A	SOT-23	0.200	30	0.4	2	0.01	25	125
BAT54C	SOT-23	0.200	30	0.4	2	0.01	25	125
BAT54S	SOT-23	0.200	30	0.4	2	0.01	25	125
BAT64-04	SOT-23	0.250	40	0.43	2	0.01	25	150
BAT64-05	SOT-23	0.250	40	0.43	2	0.01	25	150
BAT64-06	SOT-23	0.250	40	0.43	2	0.01	25	150
BAT54AH	SOT-23	0.300	40	0.9	1	0.1	30	150
BAT54CH	SOT-23	0.300	40	0.9	1	0.1	30	150
BAT54H	SOT-23	0.300	40	0.9	1	0.1	30	150
BAT54SH	SOT-23	0.300	40	0.9	1	0.1	30	150
RB495DS	SOT-23	0.400	40	0.5	70	0.2	25	125
BAT720	SOT-23	0.500	40	0.55	100	0.5	35	125
RB400DS	SOT-23	0.500	40	0.55	50	0.5	30	125
BAT750	SOT-23	0.750	40	0.45	60	0.75	30	125
MMBD301	SOT-23	-	30	0.52	0.2	0.01	25	125

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
SB2010L	DO-15	2	100	35	0.75	100	2	100	150
SB240	DO-15	2	40	50	0.5	100	2	40	125
SB245	DO-15	2	45	50	0.7	100	2	45	125
SB260	DO-15	2	60	50	0.5	100	2	60	150
SB2010	DO-15	2	100	50	0.85	10	2	100	150
SB2150	DO-15	2	150	50	0.85	10	2	150	150
SB2200	DO-15	2	200	50	0.85	10	2	200	150
1N5820	DO-201AD	3	20	80	0.475	100	3	20	125
1N5821	DO-201AD	3	30	80	0.5	100	3	30	125
1N5822	DO-201AD	3	40	80	0.525	100	3	40	125
SR345	DO-201AD	3	45	80	0.5	100	3	45	125
SR306	DO-201AD	3	60	80	0.72	100	3	60	150
SR3010	DO-201AD	3	100	80	0.85	100	3	100	150
SR3150	DO-201AD	3	150	80	0.92	10	3	150	150
SR3200	DO-201AD	3	200	80	0.9	10	3	200	150
SR5010H	DO-201AD	5	100	150	0.8	20	5	100	175
SR5010HL	DO-201AD	5	100	200	0.78	20	5	100	175
SR5010L	DO-201AD	5	100	80	0.7	100	5	100	150
SR504	DO-201AD	5	40	150	0.55	100	5	40	150
SR506	DO-201AD	5	60	150	0.7	100	5	60	150
SR5010	DO-201AD	5	100	150	0.85	100	5	100	150
SR5150	DO-201AD	5	150	150	0.9	10	5	150	150
SR5200	DO-201AD	5	200	150	0.9	10	5	200	150
SR506HL	DO-201AD	5	60	220	0.62	100	5	60	175
SR506L	DO-201AD	5	60	120	0.49	100	5	60	150
SR5150H	DO-201AD	5	150	150	0.85	0.5	5	150	175
SR5200H	DO-201AD	5	200	150	0.9	0.5	5	200	175
SR5150L	DO-201AD	5	150	150	0.8	10	5	150	150
SR5200L	DO-201AD	5	200	150	0.8	10	5	200	150
SR545L	DO-201AD	5	45	120	0.49	200	5	45	150
SR804	DO-201AD	8	40	150	0.65	100	8	40	125
SR8045	DO-201AD	8	45	150	0.65	100	8	45	125
SR806	DO-201AD	8	60	150	0.7	100	8	60	125
SR810	DO-201AD	8	100	150	0.85	100	8	100	125
SR820	DO-201AD	8	200	150	0.85	100	8	200	150
SR1060L	DO-201AD	10	60	150	0.48	200	10	60	150
SR10100L	DO-201AD	10	100	150	0.75	200	10	100	150
SB12100	DO-201AD	12	100	250	0.85	500	12	100	125
1N5817	DO-41	1	20	30	0.45	100	1	20	125
1N5818	DO-41	1	30	30	0.5	100	1	30	125
1N5819	DO-41	1	40	30	0.6	100	1	40	125
SR106	DO-41	1	60	30	0.7	100	1	60	150
SR1010	DO-41	1	100	30	0.85	10	1	100	150
SR1200	DO-41	1	200	30	0.9	10	1	200	150

Diodes

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	I_{FM} (A)	V_R (V)	T_J (°C)
SR204	DO-41	2	40	50	0.5	100	2	40	125
SR206	DO-41	2	60	50	0.7	100	2	60	150
SR2010	DO-41	2	100	50	0.85	10	2	100	150
15SQ045	R-6	15	45	275	0.48	100	15	45	200
MBR10100FCTH	ITO-220AB	10	100	120	0.8	10	5	100	175
MBR10150FCTH	ITO-220AB	10	150	120	0.85	10	5	150	175
MBR10200FCTH	ITO-220AB	10	200	120	0.9	10	5	200	175
MBR10150FCT	ITO-220AB	10	150	120	0.92	10	5	150	150
MBR10200FCT	ITO-220AB	10	200	125	0.92	100	5	200	150
MBR1040FCT	ITO-220AB	10	40	120	0.7	100	5	40	150
MBR1045FCT	ITO-220AB	10	45	120	0.7	100	5	45	150
MBR1060FCT	ITO-220AB	10	60	120	0.75	100	5	60	150
MBR10100FCT	ITO-220AB	10	100	120	0.85	100	5	100	150
MBR1060FCTS	ITO-220AB	10	60	100	0.75	200	5	60	150
MBRL10100FCT	ITO-220AB	10	100	120	0.72	100	5	100	150
MBRL1060FCT	ITO-220AB	10	60	100	0.6	100	5	60	150
MBR1640FCT	ITO-220AB	16	40	150	0.55	100	8	40	150
MBR1660FCT	ITO-220AB	16	60	150	0.75	100	8	60	150
MBR16100FCT	ITO-220AB	16	100	150	0.85	100	8	100	150
MBR20100FCTH	ITO-220AB	20	100	200	0.8	10	10	100	175
MBR20150FCTH	ITO-220AB	20	150	200	0.85	10	10	150	175
MBR20200FCTH	ITO-220AB	20	200	200	0.9	10	10	200	175
MBR20100FCTS	ITO-220AB	20	100	130	0.85	10	10	100	150
MBR20150FCT	ITO-220AB	20	150	150	0.92	25	10	150	150
MBR20200FCT	ITO-220AB	20	200	150	0.95	50	10	200	150
MBR2045FCT	ITO-220AB	20	45	150	0.65	100	10	45	150
MBR2060FCT	ITO-220AB	20	60	150	0.75	100	10	60	150
MBR20100FCT	ITO-220AB	20	100	150	0.85	10	10	100	150
MBR2045FCTS	ITO-220AB	20	45	150	0.65	100	10	45	150
MBRL20100FCT	ITO-220AB	20	100	200	0.72	100	10	100	150
MBRL20150FCT	ITO-220AB	20	150	200	0.9	100	10	150	150
MBRL20200FCT	ITO-220AB	20	200	160	0.88	50	10	200	150
MBRL2045FCT	ITO-220AB	20	45	150	0.52	200	10	45	150
MBRL2060FCT	ITO-220AB	20	60	150	0.6	100	10	60	150
MBRL20U100FCT	ITO-220AB	20	100	250	0.65	100	10	100	150
MBR2545FCT	ITO-220AB	25	45	150	0.65	200	12.5	45	150
MBR30100FCTH	ITO-220AB	30	100	250	0.85	10	15	100	175
MBR30150FCTH	ITO-220AB	30	150	250	0.85	10	15	150	175
MBR30150FCT	ITO-220AB	30	150	260	0.9	5	15	150	150
MBR30200FCT	ITO-220AB	30	200	200	0.95	100	15	200	150
MBR30200FCTH	ITO-220AB	30	200	250	0.88	10	15	200	175
MBR3040FCT	ITO-220AB	30	40	250	0.6	100	15	40	150
MBR3045FCT	ITO-220AB	30	45	250	0.6	100	15	45	150
MBR3060FCT	ITO-220AB	30	60	250	0.85	100	15	60	150

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBR30100FCT	ITO-220AB	30	100	250	0.85	100	15	100	150
MBR30300FCT	ITO-220AB	30	300	200	1.3	10	15	300	150
MBR3045FCTS	ITO-220AB	30	45	200	0.65	200	15	45	150
MBRL30100FCT	ITO-220AB	30	100	200	0.72	100	15	100	150
MBRL30150FCT	ITO-220AB	30	150	220	0.84	100	15	150	150
MBRL30200FCT	ITO-220AB	30	200	250	0.85	50	15	200	150
MBRL3045FCT	ITO-220AB	30	45	250	0.55	100	15	45	150
MBRL3060FCT	ITO-220AB	30	60	200	0.6	100	15	60	150
MBRL30U100FCT	ITO-220AB	30	100	320	0.64	100	15	100	150
MBR40150FCT	ITO-220AB	40	150	300	0.85	10	20	150	175
MBR40200FCTH	ITO-220AB	40	200	300	0.9	10	20	200	175
MBRL40100FCT	ITO-220AB	40	100	300	0.71	80	20	100	150
MBR545F	ITO-220AC	5	45	80	0.55	100	5	45	150
MBR10200FH	ITO-220AC	10	200	150	0.85	10	5	200	175
MBR1040F	ITO-220AC	10	40	150	0.55	100	10	40	150
MBR1060F	ITO-220AC	10	60	150	0.75	100	10	60	150
MBR1080F	ITO-220AC	10	80	150	0.85	100	10	80	150
MBR10100F	ITO-220AC	10	100	150	0.85	100	10	100	150
MBR1545FA	ITO-220AC	15	45	250	0.6	200	15	45	150
MBR10100CTH	TO-220AB	10	100	120	0.8	10	5	100	175
MBR10150CTH	TO-220AB	10	150	120	0.85	10	5	150	175
MBR10200CTH	TO-220AB	10	200	120	0.9	10	5	200	175
MBR10150CT	TO-220AB	10	150	120	0.92	10	5	150	150
MBR10200CT	TO-220AB	10	200	150	0.95	10	10	200	150
MBR1045CT	TO-220AB	10	45	125	0.7	100	5	45	150
MBR1060CT	TO-220AB	10	60	125	0.8	100	5	60	150
MBR10100CT	TO-220AB	10	100	120	0.85	100	5	100	150
MBRL10100CT	TO-220AB	10	100	120	0.72	100	5	100	150
MBRL1060CT	TO-220AB	10	60	100	0.6	100	5	60	150
MBR1645CT	TO-220AB	16	45	125	0.65	100	8	45	150
MBR1660CT	TO-220AB	16	60	125	0.75	100	8	60	150
MBR16100CT	TO-220AB	16	100	125	0.85	100	8	100	150
MBR20100CTH	TO-220AB	20	100	200	0.8	10	10	100	175
MBR20150CTH	TO-220AB	20	150	200	0.85	10	10	150	175
MBR20200CTH	TO-220AB	20	200	200	0.9	10	10	200	175
MBR20150CT	TO-220AB	20	150	150	0.92	10	10	150	175
MBR20200CT	TO-220AB	20	200	150	0.95	10	10	200	175
MBR20200CTS	TO-220AB	20	200	150	0.95	10	10	200	175
MBR20300CT	TO-220AB	20	300	200	0.975	50	10	300	150
MBR2045CT	TO-220AB	20	45	150	0.65	100	20	45	150
MBR2060CT	TO-220AB	20	60	150	0.75	100	20	60	150
MBR20100CT	TO-220AB	20	100	150	0.85	10	20	100	150
MBRL20100CT	TO-220AB	20	100	200	0.7	100	10	100	150
MBRL20120CT	TO-220AB	20	120	200	0.85	100	10	120	150

Diodes

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBRL20150CT	TO-220AB	20	150	200	0.85	10	10	150	150
MBRL20200CT	TO-220AB	20	200	160	0.88	10	10	200	150
MBRL2045CT	TO-220AB	20	45	150	0.52	200	10	45	150
MBRL2060CT	TO-220AB	20	60	150	0.6	100	10	60	150
MBR2545CT	TO-220AB	25	45	150	0.65	200	12.5	45	150
MBR2560CT	TO-220AB	25	60	150	0.75	200	12.5	60	150
MBR30100CT	TO-220AB	30	100	250	0.85	10	15	100	150
MBR30100CTH	TO-220AB	30	100	250	0.85	10	15	100	175
MBR30150CTH	TO-220AB	30	150	250	0.85	10	15	150	175
MBR30150CT	TO-220AB	30	150	200	0.9	10	15	150	150
MBR30200CT	TO-220AB	30	200	200	0.95	100	15	200	150
MBR30200CTH	TO-220AB	30	200	250	0.88	10	15	200	175
MBR30300CTH	TO-220AB	30	300	250	1.3	10	15	300	175
MBR3045CT	TO-220AB	30	45	200	0.84	100	30	45	150
MBR3060CT	TO-220AB	30	60	200	0.95	100	30	60	150
MBR3045CTH	TO-220AB	30	45	350	0.63	50	15	45	175
MBRL30100CT	TO-220AB	30	100	200	0.72	100	15	100	150
MBRL30120CT	TO-220AB	30	120	250	0.88	100	15	120	150
MBRL30150CT	TO-220AB	30	150	220	0.84	100	15	150	150
MBRL30200CT	TO-220AB	30	200	250	0.88	100	15	200	150
MBRL30300CT	TO-220AB	30	300	110	1.1	30	15	300	150
MBRL3045CT	TO-220AB	30	45	250	0.53	200	15	45	150
MBRL3060CT	TO-220AB	30	60	240	0.62	100	15	60	150
MBRL30U100CT	TO-220AB	30	100	320	0.64	100	15	100	150
MBR40100CT	TO-220AB	40	100	300	0.85	10	20	100	175
MBR40100CTH	TO-220AB	40	100	250	0.85	10	20	100	175
MBR40150CT	TO-220AB	40	150	300	0.85	10	20	150	175
MBR40200CT	TO-220AB	40	200	450	0.9	10	20	200	150
MBR40200CTH	TO-220AB	40	200	300	0.9	10	20	200	175
MBR40250C	TO-220AB	40	250	450	1	10	40	250	150
MBR40300CTH	TO-220AB	40	300	430	1.3	10	20	300	175
MBRL40100CT	TO-220AB	40	100	300	0.71	80	20	100	150
MBRL40120CT	TO-220AB	40	120	320	0.85	100	20	120	150
MBRL40150CT	TO-220AB	40	150	250	0.88	50	20	150	150
MBRL40300CT	TO-220AB	40	300	200	0.93	10	20	300	150
MBRL40U100CT	TO-220AB	40	100	300	0.71	100	20	100	150
MBRL40U60CT	TO-220AB	40	60	300	0.56	200	20	60	150
MBR60200CT	TO-220AB	60	200	450	0.9	20	30	200	150
MBRL60100CT	TO-220AB	60	100	320	0.79	200	30	100	150
MBR5200HL	TO-220AC	5	200	150	0.85	10	5	200	175
MBR545	TO-220AC	5	45	150	0.6	10	5	45	125
MBR740	TO-220AC	7.5	40	150	0.84	100	15	40	150
MBR745	TO-220AC	7.5	45	150	0.84	100	15	45	150
MBR760	TO-220AC	7.5	60	150	0.75	50	7.5	60	150

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBR870	TO-220AC	8	70	125	0.85	100	8	70	150
MBR880	TO-220AC	8	80	125	0.85	100	8	80	150
MBR890	TO-220AC	8	90	125	0.85	100	8	90	150
MBR8100	TO-220AC	8	100	125	0.85	100	8	100	150
MBR10150	TO-220AC	10	150	150	0.9	100	10	150	150
MBR1040	TO-220AC	10	40	150	0.65	100	10	40	125
MBR1045	TO-220AC	10	45	150	0.65	100	10	45	125
MBR10100	TO-220AC	10	100	150	0.84	100	10	100	150
MBR1060S	TO-220AC	10	60	160	0.75	100	10	60	150
MBR1645	TO-220AC	16	45	150	0.63	500	16	45	150
MBR30150	TO-220AC	30	150	300	0.88	10	30	150	150
MBR20200PT	TO-247	20	200	250	0.9	10	10	200	175
MBR30100PT	TO-247	30	100	300	0.8	50	15	100	175
MBR30200PTS	TO-247	30	200	250	0.9	10	15	200	175
MBR40100PT	TO-247	40	100	400	0.8	50	20	100	150
MBR40100PTH	TO-247	40	100	400	0.83	10	20	100	175
MBR40200PTH	TO-247	40	200	40	0.9	50	40	200	175
MBR60150PT	TO-247	60	150	400	0.9	10	30	150	175
MBR60200PT	TO-247	60	200	450	0.9	20	30	200	150
MBR60200PTH	TO-247	60	200	500	0.83	50	30	200	175
MBR60200PTHS	TO-247	60	200	400	0.95	10	30	200	175
MBR6060PTHS	TO-247	60	60	320	0.75	100	30	60	175
MBR80150PT	TO-247	80	150	350	0.93	10	40	150	175
MBR80250PT	TO-247	80	250	350	0.95	10	40	250	175
MBR90150PT	TO-247	90	150	400	0.9	10	45	150	175
MBR90200PT	TO-247	90	200	400	1	10	45	200	175
MBR100150PT	TO-247	100	150	400	0.88	10	50	150	175
MBR100200PT	TO-247	100	200	500	0.9	10	50	200	175
MBRJL20120CTL	TO-262L	20	120	200	0.85	10	10	120	150
MBRL30P100	DFN5060	30	100	250	0.85	100	30	100	150
SS14FL	DO-221AC	1	40	30	0.5	100	1	40	125
SS16FL	DO-221AC	1	60	30	0.7	100	1	60	150
SS110FL	DO-221AC	1	100	30	0.85	10	1	100	150
SS1200FL	DO-221AC	1	200	30	0.9	10	1	200	150
SL24FL	DO-221AC	2	40	50	0.47	100	2	40	150
SL26FL	DO-221AC	2	60	50	0.55	100	2	60	150
SL210FL	DO-221AC	2	100	50	0.75	100	2	100	150
SS220FL	DO-221AC	2	200	50	0.9	10	2	200	150
SS24FL	DO-221AC	2	40	50	0.5	100	2	40	125
SS26FL	DO-221AC	2	60	50	0.7	100	2	60	150
SS210FL	DO-221AC	2	100	50	0.85	10	2	100	150
SK310AFLH	DO-221AC	3	100	70	0.835	5	3	100	175
SK3150AFLH	DO-221AC	3	150	70	0.875	5	3	150	175
SK3200AFLH	DO-221AC	3	200	70	0.875	5	3	200	175

Diodes

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
SK3200AFL	DO-221AC	3	200	80	0.86	10	3	200	150
SK34AFL	DO-221AC	3	40	80	0.5	100	3	40	125
SK345AFL	DO-221AC	3	45	80	0.5	100	3	45	125
SK36AFL	DO-221AC	3	60	80	0.7	100	3	60	150
SK310AFL	DO-221AC	3	100	80	0.85	100	3	100	150
SL34AFL	DO-221AC	3	40	60	0.45	100	3	40	150
SL36AFL	DO-221AC	3	60	60	0.5	100	3	60	150
SL310AFL	DO-221AC	3	100	60	0.6	100	3	100	150
SK53AFL	DO-221AC	5	30	100	0.55	100	5	30	125
SK54AFL	DO-221AC	5	40	100	0.55	100	5	40	125
SK56AFL	DO-221AC	5	60	100	0.7	100	5	60	150
SK510AFL	DO-221AC	5	100	100	0.85	10	5	100	150
SK5150AFL	DO-221AC	5	150	100	0.87	10	5	150	175
SK5200AFL	DO-221AC	5	200	100	0.9	10	5	200	175
SL54AFL	DO-221AC	5	40	100	0.45	100	5	40	150
SL56AFL	DO-221AC	5	60	100	0.5	100	5	60	150
SL510AFL	DO-221AC	5	100	100	0.7	100	5	100	150
SL13PL	SOD-123FL	1	30	50	0.36	1500	1	30	150
SL14PL	SOD-123FL	1	40	28	0.4	100	1	40	150
SL16PL	SOD-123FL	1	60	28	0.55	100	1	60	150
SL110PL	SOD-123FL	1	100	28	0.6	100	1	100	150
SM5817PL	SOD-123FL	1	20	30	0.45	50	1	20	125
SM5818PL	SOD-123FL	1	30	30	0.53	50	1	30	125
SM5819PL	SOD-123FL	1	40	30	0.53	50	1	40	125
SMD16PL	SOD-123FL	1	60	30	0.7	100	1	60	150
SMD18PL	SOD-123FL	1	80	30	0.85	10	1	80	150
SMD110PL	SOD-123FL	1	100	30	0.85	10	1	100	150
SMD1150PL	SOD-123FL	1	150	30	0.85	10	1	150	150
SMD1200PL	SOD-123FL	1	200	30	0.95	10	1	200	150
SSL16PL	SOD-123FL	1	60	30	0.45	65	1	60	150
SL24PL	SOD-123FL	2	40	50	0.47	100	2	40	150
SL26PL	SOD-123FL	2	60	50	0.55	100	2	60	150
SL210PL	SOD-123FL	2	100	50	0.72	100	2	100	150
SMD210HPL	SOD-123FL	2	100	50	0.85	5	2	100	175
SMD2150PL	SOD-123FL	2	150	50	0.9	10	2	150	150
SMD220PL	SOD-123FL	2	200	50	0.9	10	2	200	150
SMD22PL	SOD-123FL	2	20	50	0.5	100	2	20	125
SMD24PL	SOD-123FL	2	40	50	0.5	100	2	40	125
SMD26PL	SOD-123FL	2	60	50	0.7	100	2	60	150
SMD210PL	SOD-123FL	2	100	50	0.85	10	2	100	150
SL32PL	SOD-123FL	3	20	80	0.45	200	3	20	125
SMD34PL	SOD-123FL	3	40	80	0.5	100	3	40	125
SMD36PL	SOD-123FL	3	60	80	0.65	100	3	60	150
SMD310PL	SOD-123FL	3	100	80	0.85	10	3	100	150

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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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
SMD315PL	SOD-123FL	3	150	80	0.9	10	3	150	150
SMD320PL	SOD-123FL	3	200	80	0.9	10	3	200	150
SMD33LHE1	SOD-123HE1	3	30	80	0.42	120	3	30	150
SMD34HE1	SOD-123HE1	3	40	80	0.52	50	3	40	125
SMD36HE1	SOD-123HE1	3	60	80	0.65	50	3	60	150
SMD310HE1	SOD-123HE1	3	100	80	0.8	10	3	100	150
SMD320HE1	SOD-123HE1	3	200	80	0.85	10	3	200	150
SMD14HL	SOD-123HL	1	40	30	0.5	100	1	40	125
SMD16HL	SOD-123HL	1	60	30	0.7	100	1	60	150
SMD110HL	SOD-123HL	1	100	30	0.85	10	1	100	150
SMD120HL	SOD-123HL	1	200	30	0.9	10	1	200	150
SL24HL	SOD-123HL	2	40	50	0.47	100	2	40	150
SL26HL	SOD-123HL	2	60	50	0.55	100	2	60	150
SL210HL	SOD-123HL	2	100	50	0.75	100	2	100	150
SMD24HL	SOD-123HL	2	40	50	0.5	100	2	40	125
SMD26HL	SOD-123HL	2	60	50	0.7	100	2	60	150
SMD210HL	SOD-123HL	2	100	50	0.85	10	2	100	150
SMD220HL	SOD-123HL	2	200	50	0.9	10	2	200	150
SL34HL	SOD-123HL	3	40	60	0.45	100	3	40	150
SL36HL	SOD-123HL	3	60	60	0.5	100	3	40	150
SL310HL	SOD-123HL	3	100	60	0.6	100	3	100	150
SMD34HL	SOD-123HL	3	40	80	0.5	100	3	40	125
SMD36HL	SOD-123HL	3	60	80	0.7	100	3	60	150
SMD310HL	SOD-123HL	3	100	80	0.85	10	3	100	150
SMD320HL	SOD-123HL	3	200	80	0.9	10	3	200	150
SMD110PLS	SOD-123TFL	1	100	30	0.85	10	1	100	150
SL145PE	SOD-323HE	1	45	25	0.4	200	0.5	45	150
SL16PE	SOD-323HE	1	60	25	0.45	100	0.5	60	150
SMD110PE	SOD-323HE	1	100	30	0.85	10	1	100	175
SMD120PE	SOD-323HE	1	200	30	0.9	10	1	100	175
SMD14PE	SOD-323HE	1	40	30	0.52	50	1	40	150
SMD16PE	SOD-323HE	1	60	30	0.7	50	1	60	150
SMD23PE	SOD-323HE	2	30	30	0.6	50	2	30	150
SMD14PB	SOD-323HE-B	1	40	30	0.5	100	1	40	125
SMD16PB	SOD-323HE-B	1	60	30	0.7	100	1	60	150
SMD110PB	SOD-323HE-B	1	100	30	0.85	10	1	100	150
SMD120PB	SOD-323HE-B	1	200	30	0.9	10	1	200	150
SS14HL	SOD-323HL	1	40	30	0.55	500	1	40	125
SS16HL	SOD-323HL	1	60	25	0.7	100	1	60	150
SS110HL	SOD-323HL	1	100	25	0.85	10	1	100	150
SS120HL	SOD-323HL	1	200	25	0.9	10	1	200	150
SS24HL	SOD-323HL	2	40	35	0.6	50	2	40	150
SMD14HT	SOD-323HT	1	40	30	0.55	100	1	40	125
SL14A	SMA	1	40	28	0.4	100	1	40	150

Diodes

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	I_{FM} (A)	V_R (V)	T_J (°C)
SL16A	SMA	1	60	28	0.55	100	1	60	150
SL110A	SMA	1	100	28	0.6	100	1	100	150
SS12-L	SMA	1	20	30	0.5	100	1	20	125
SS13-L	SMA	1	30	30	0.5	100	1	30	125
SS14-L	SMA	1	40	30	0.5	100	1	40	125
SS15-L	SMA	1	50	30	0.7	100	1	50	150
SS16-L	SMA	1	60	30	0.7	100	1	60	150
SS18-L	SMA	1	80	30	0.85	10	1	80	150
SS110-L	SMA	1	100	30	0.85	10	1	100	150
SS1150-L	SMA	1	150	30	0.9	10	1	150	150
SS1200-L	SMA	1	200	30	0.92	10	1	200	150
SS13L-L	SMA	1	30	40	0.5	20	1	30	150
SK225L	SMA	2	25	50	0.55	500	2	25	125
SL24A	SMA	2	40	50	0.47	100	2	40	150
SL26A	SMA	2	60	50	0.55	100	2	60	150
SL210A	SMA	2	100	50	0.75	100	2	100	150
SS210H-L	SMA	2	100	50	0.85	5	2	100	175
SS23-L	SMA	2	30	50	0.5	100	2	30	125
SS24-L	SMA	2	40	50	0.5	100	2	40	125
SS26-L	SMA	2	60	50	0.7	100	2	60	150
SS210-L	SMA	2	100	50	0.85	10	2	100	150
SS2150-L	SMA	2	150	50	0.9	10	2	150	150
SS220-L	SMA	2	200	50	0.9	10	2	200	150
SK3150A-L	SMA	3	150	80	0.86	10	3	150	175
SK3200A-L	SMA	3	200	80	0.86	10	3	200	175
SK32A-L	SMA	3	20	80	0.5	100	3	20	125
SK33A-L	SMA	3	30	80	0.5	100	3	30	125
SK34A-L	SMA	3	40	80	0.5	100	3	40	125
SK345A-L	SMA	3	45	80	0.5	100	3	45	125
SK36A-L	SMA	3	60	80	0.7	100	3	60	150
SK38A-L	SMA	3	80	80	0.85	100	3	80	150
SK310A-L	SMA	3	100	80	0.85	100	3	100	150
SK34AL-TPS02	SMA	3	40	90	0.43	100	3	40	125
SL345A	SMA	3	45	60	0.45	100	3	45	150
SL34A	SMA	3	40	60	0.45	100	3	40	150
SL36A	SMA	3	60	60	0.5	100	3	60	150
SL310A	SMA	3	100	60	0.6	100	3	100	150
SK53A-L	SMA	5	30	100	0.55	100	5	30	150
SK54A-L	SMA	5	40	100	0.55	100	5	40	150
SK56A-L	SMA	5	60	100	0.7	100	5	60	150
SK510A-L	SMA	5	100	100	0.85	10	5	100	150
SK5150A-L	SMA	5	150	100	0.9	10	5	150	150
SK5200A-L	SMA	5	200	100	0.9	10	5	200	150
SL56A	SMA	5	60	100	0.55	100	5	60	150

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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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
SK14-L	SMB	1	40	30	0.5	100	1	40	125
SK16-L	SMB	1	60	30	0.7	100	1	60	150
SK110-L	SMB	1	100	30	0.85	10	1	100	150
SK1200-L	SMB	1	200	30	0.9	10	1	200	150
SL115B	SMB	1	15	50	0.29	10000	1	15	100
SK23-L	SMB	2	30	50	0.5	100	2	30	125
SK24-L	SMB	2	40	50	0.5	100	2	40	125
SK26-L	SMB	2	60	50	0.7	100	2	60	150
SK210-L	SMB	2	100	50	0.85	10	2	100	150
SK2150-L	SMB	2	150	50	0.9	10	2	150	150
SK220-L	SMB	2	200	50	0.9	10	2	200	150
SL215B	SMB	2	15	75	0.33	10000	2	15	100
SL24B	SMB	2	40	50	0.47	100	2	40	150
SL26B	SMB	2	60	50	0.55	100	2	60	150
SL210B	SMB	2	100	50	0.75	100	2	100	150
SK310BH-L	SMB	3	100	100	0.85	5	3	100	175
SK3150B-L	SMB	3	150	80	0.86	10	3	150	175
SK3200B-L	SMB	3	200	100	0.86	2	3	200	175
SK34B-L	SMB	3	40	100	0.5	100	3	40	125
SK36B-L	SMB	3	60	100	0.75	100	3	60	150
SK310B-L	SMB	3	100	100	0.85	100	3	100	175
SK36BH-L	SMB	3	60	100	0.75	100	3	60	175
SL34B	SMB	3	40	60	0.45	100	3	40	150
SL36B	SMB	3	60	60	0.5	100	3	60	150
SL310B	SMB	3	100	60	0.6	100	3	100	150
SK43BL	SMB	4	30	100	0.45	100	4	30	150
SK44BL	SMB	4	40	100	0.45	100	4	40	150
SK510BH-L	SMB	5	100	100	0.85	5	5	100	175
SK54B-L	SMB	5	40	100	0.55	100	5	40	150
SK56B-L	SMB	5	60	100	0.7	100	5	60	150
SK510B-L	SMB	5	100	100	0.85	10	5	100	150
SK5150B-L	SMB	5	150	100	0.87	10	5	150	150
SK520B-L	SMB	5	200	100	0.9	10	5	200	150
SL54B	SMB	5	40	100	0.45	100	5	40	150
SL56B	SMB	5	60	100	0.5	100	5	60	150
SL510B	SMB	5	100	100	0.65	100	5	100	150
SK34BFL	SMBF	3	40	70	0.5	100	3	40	125
SK36BFL	SMBF	3	60	70	0.7	100	3	60	150
SK310BFL	SMBF	3	100	70	0.85	10	3	100	150
SK320BFL	SMBF	3	200	70	0.9	10	3	200	150
SL310BFL	SMBF	3	100	60	0.6	100	3	100	150
SL34BFL	SMBF	3	40	60	0.45	200	3	40	150
SL36BFL	SMBF	3	60	60	0.5	200	3	60	150
SK510BFL	SMBF	5	100	120	0.85	5	5	100	175

Diodes

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
SK520BFL	SMBF	5	200	100	0.9	10	5	200	150
SK54BFL	SMBF	5	40	100	0.6	100	5	40	125
SK56BFL	SMBF	5	60	100	0.7	100	5	60	150
SL545BFL	SMBF	5	45	120	0.45	500	5	45	150
SL56BFL	SMBF	5	60	120	0.5	500	5	60	150
SK310H	SMC	3	100	100	0.78	10	3	100	175
SK3150	SMC	3	150	80	0.86	10	3	150	175
SK3200	SMC	3	200	100	0.86	10	3	200	175
SK33	SMC	3	30	100	0.5	100	3	30	150
SK34	SMC	3	40	100	0.5	100	3	40	150
SK36	SMC	3	60	100	0.75	100	3	60	150
SK310	SMC	3	100	100	0.85	100	3	100	150
SK4200L	SMC	4	200	100	0.86	10	4	200	150
SK44L	SMC	4	40	150	0.45	100	4	40	125
SK5150L	SMC	5	150	150	0.87	10	5	150	150
SK5200L	SMC	5	200	150	0.9	10	5	200	150
SK54L	SMC	5	40	100	0.55	100	5	40	150
SK56L	SMC	5	60	100	0.75	100	5	60	150
SK510L	SMC	5	100	100	0.85	10	5	100	150
SL54	SMC	5	40	100	0.45	100	5	40	150
SL56	SMC	5	60	100	0.5	100	5	60	150
SL510	SMC	5	100	100	0.7	100	5	100	150
SK645L	SMC	6	45	150	0.65	100	6	45	150
SK610L	SMC	6	100	150	0.85	100	6	100	150
SK84L	SMC	8	40	200	0.65	100	8	40	150
SK86L	SMC	8	60	200	0.65	100	8	60	150
SK810L	SMC	8	100	200	0.8	100	8	100	150
SK1010H-L	SMC	10	100	150	0.82	10	10	100	175
SK1045-L	SMC	10	45	250	0.55	200	10	45	150
SK1545-L	SMC	15	45	300	0.55	200	15	45	125
MBR3U200	TO-277	3	200	240	0.85	50	3	200	150
MBR5U100	TO-277	5	100	120	0.6	100	5	100	150
MBR5U100H	TO-277	5	100	240	0.8	10	5	100	175
MBR5U45	TO-277	5	45	130	0.47	200	5	45	150
MBR5U60	TO-277	5	60	150	0.55	100	5	60	150
MBR8U45	TO-277	8	45	150	0.47	200	8	45	150
MBR8U60	TO-277	8	60	200	0.5	200	8	60	150
MBR8U60A	TO-277	8	60	150	0.53	200	8	60	150
MBR10U100H	TO-277	10	100	240	0.85	10	10	100	175
MBR10U150	TO-277	10	150	200	0.79	100	10	150	150
MBR10U200	TO-277	10	200	240	0.9	5	10	200	175
MBR10U45L	TO-277	10	45	275	0.47	500	10	50	150
MBR10U60	TO-277	10	60	275	0.5	350	10	60	150
MBR12U100	TO-277	12	100	180	0.625	500	12	100	150

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBR12U100L	TO-277	12	100	180	0.6	500	12	100	150
MBR15U100	TO-277	15	100	275	0.85	100	15	100	150
MBR15U100L	TO-277	15	100	200	0.69	200	15	100	150
MBR15U150	TO-277	15	150	250	0.84	100	15	150	150
MBR15U45	TO-277	15	45	275	0.47	500	15	45	150
MBR15U60	TO-277	15	60	300	0.5	500	15	50	150
MBR20U100L	TO-277	20	100	300	0.7	100	20	100	150
MBR20U45	TO-277	20	45	300	0.5	500	20	45	150
MBRBF20200CT	TO-263AC	20	200	130	1.3	10	10	200	175
MBRBFL20100CT	TO-263AC	20	100	150	0.75	20	10	100	150
MBRBFL2045CT	TO-263AC	20	45	150	0.6	100	10	45	150
MBRBFL2060CT	TO-263AC	20	60	150	0.65	100	10	60	150
MBRBF30200CT	TO-263AC	30	200	260	0.93	10	15	200	175
MBRBFL30100CT	TO-263AC	30	100	200	0.75	30	15	100	150
MBRBFL3045CT	TO-263AC	30	45	200	0.6	100	15	45	150
MBRBFL3060CT	TO-263AC	30	60	150	0.7	100	15	60	150
MBRBFL40150CT	TO-263AC	40	150	300	0.85	10	20	150	150
MBRD5100	DPAK	5	100	80	0.72	50	5	100	150
MBRD5100HL	DPAK	5	100	100	0.73	3.5	5	100	175
MBRD5200	DPAK	5	200	130	0.86	5	5	200	150
MBRD5200CT	DPAK	5	200	140	0.84	5	2.5	200	150
MBRD5200H	DPAK	5	200	120	0.9	10	5	200	175
MBRD6100CT	DPAK	6	100	78	0.74	10	3	100	150
MBRD640CT	DPAK	6	40	78	0.54	100	3	40	150
MBRD660CT	DPAK	6	60	80	0.74	50	3	60	150
MBRD845C	DPAK	8	45	150	0.51	100	8	45	150
MBRD10100CTH	DPAK	10	100	120	0.8	10	5	100	175
MBRD10150CTH	DPAK	10	150	120	0.85	10	5	150	175
MBRD10200CTH	DPAK	10	200	120	0.9	10	5	200	175
MBRD10150CTS	DPAK	10	150	100	0.88	10	5	150	150
MBRD10200CTS	DPAK	10	200	100	0.93	10	5	200	150
MBRD10150CT	DPAK	10	150	100	0.92	10	5	150	150
MBRD10200CT	DPAK	10	200	100	0.92	10	5	200	150
MBRD1045CT	DPAK	10	45	150	0.65	100	5	45	150
MBRD1060CT	DPAK	10	60	150	0.75	100	5	60	150
MBRD10100CT	DPAK	10	100	150	0.85	10	5	100	150
MBRD1045C	DPAK	10	45	150	0.51	100	10	45	150
MBRD1230CT	DPAK	12	30	150	0.47	100	6	30	150
MBRD1245CT	DPAK	12	45	150	0.47	100	6	45	150
MBRD1560	DPAK	15	60	150	0.75	100	15	60	150
MBRD15100	DPAK	15	100	150	0.84	100	15	100	150
MBRD20100CTH	DPAK	20	100	130	0.85	10	10	100	175
MBRD20150CTH	DPAK	20	150	130	0.85	10	10	150	175
MBRD20200CTH	DPAK	20	200	130	0.9	10	10	200	175

Diodes

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBRD2045CT	DPAK	20	45	130	0.63	100	10	45	150
MBRD2060CT	DPAK	20	60	125	0.75	100	10	60	150
MBRDL20100CT	DPAK	20	100	250	0.72	100	10	100	150
MBRDL2060CT	DPAK	20	60	125	0.6	100	10	60	150
MBRB8100H	D2-PAK	8	100	300	0.7	10	8	100	175
MBRB10100CT	D2-PAK	10	100	150	0.85	10	5	100	150
MBRB10150CT	D2-PAK	10	150	120	0.92	10	5	150	150
MBRB1040	D2-PAK	10	40	150	0.6	100	10	40	150
MBRB1060	D2-PAK	10	60	150	0.75	100	10	60	150
MBRB10100	D2-PAK	10	100	150	0.85	100	10	100	150
MBRB10150	D2-PAK	10	150	150	0.9	100	10	150	150
MBRB10200	D2-PAK	10	200	150	0.95	100	10	200	150
MBRB10200CT	D2-PAK	10	200	150	0.9	10	5	200	150
MBRB1045CT	D2-PAK	10	45	125	0.55	100	5	45	125
MBRB1060CT	D2-PAK	10	60	125	0.55	100	5	60	125
MBRB1060CTH	D2-PAK	10	60	150	0.72	50	5	60	175
MBRB10100CTH	D2-PAK	10	100	150	0.8	50	5	100	175
MBRB10150CTH	D2-PAK	10	150	150	0.85	50	5	150	175
MBRB10200CTH	D2-PAK	10	200	150	0.9	50	5	200	175
MBRB3060CTS	D2-PAK	15	60	200	0.75	100	15	60	150
MBRB1645CT	D2-PAK	16	45	150	0.65	100	8	45	150
MBRB1660CT	D2-PAK	16	60	150	0.75	100	8	60	150
MBRB20100CTH	D2-PAK	20	100	200	0.8	10	10	100	175
MBRB20150CTH	D2-PAK	20	150	200	0.85	10	10	150	175
MBRB20200CTH	D2-PAK	20	200	200	0.9	10	10	200	175
MBRB20150CT	D2-PAK	20	150	130	0.9	10	10	150	150
MBRB20200CT	D2-PAK	20	200	150	0.95	10	10	200	150
MBRB20200CTHS	D2-PAK	20	200	130	0.95	10	10	200	175
MBRB20300CT	D2-PAK	20	300	200	0.975	50	10	300	150
MBRB2045CT	D2-PAK	20	45	150	0.65	100	10	45	150
MBRB2060CT	D2-PAK	20	60	150	0.75	100	10	60	150
MBRB20100CT	D2-PAK	20	100	150	0.85	100	10	100	150
MBRBL20100CT	D2-PAK	20	100	150	0.72	100	10	100	150
MBRBL20150CT	D2-PAK	20	150	160	0.84	50	10	150	150
MBRBL20200CT	D2-PAK	20	200	150	0.88	50	5	200	150
MBRBL2045CT	D2-PAK	20	45	180	0.55	100	10	45	150
MBRBL20U100CT	D2-PAK	20	100	250	0.65	100	10	100	150
MBRB2545CT	D2-PAK	25	45	150	0.65	200	12.5	45	150
MBRB30100CT	D2-PAK	30	100	250	0.85	10	15	100	150
MBRB30100CTH	D2-PAK	30	100	250	0.8	10	15	100	175
MBRB30150CTH	D2-PAK	30	150	250	0.85	10	15	150	175
MBRB30200CTH	D2-PAK	30	200	250	0.9	10	15	200	175
MBRB30150CT	D2-PAK	30	150	200	0.9	20	15	150	150
MBRB30300CTH	D2-PAK	30	300	250	1.3	10	15	300	175

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	Operating Junction Temperature
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)
MBRB3045CT	D2-PAK	30	45	250	0.6	100	15	45	150
MBRB3060CT	D2-PAK	30	60	250	0.72	100	15	60	150
MBRB3045CTH	D2-PAK	30	45	350	0.63	50	15	45	175
MBRBL30150CT	D2-PAK	30	150	220	0.84	100	15	150	150
MBRBL30200CT	D2-PAK	30	200	220	0.88	100	15	200	150
MBRBL3045CT	D2-PAK	30	45	200	0.53	200	15	45	150
MBRBL3060CT	D2-PAK	30	60	240	0.63	100	15	60	150
MBRBL30U100CT	D2-PAK	30	100	320	0.64	100	15	100	150
MBRB40100CTH	D2-PAK	40	100	300	0.85	10	20	100	175
MBRB40200CTH	D2-PAK	40	200	300	0.9	10	20	200	175
MBRB40250C	D2-PAK	40	250	450	1	10	40	250	150
MBRBL40100CT	D2-PAK	40	100	300	0.71	80	20	100	150
MBRBL40120CT	D2-PAK	40	120	300	0.82	100	20	120	125
MBRBL40U60CT	D2-PAK	40	60	300	0.53	200	20	60	150
MBRB60100CT	D2-PAK	60	100	400	0.85	20	30	100	150
MBRB60250CT	D2-PAK	60	250	350	0.95	10	30	250	150

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		I_{FAV} (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)	
MB0540SLP	DFN3030-4L	0.5	40	8	0.5	10	0.5	40	150	1-Phase Bridge
LMB14S	LMBS-1	1	40	30	0.55	100	0.5	40	150	1-Phase Bridge
LMB16S	LMBS-1	1	60	30	0.65	100	0.5	60	150	1-Phase Bridge
LMB110S	LMBS-1	1	100	30	0.85	10	0.5	100	150	1-Phase Bridge
LMB6S	LMBS-1	1	600	30	0.95	5	0.4	600	150	1-Phase Bridge
LMB8S	LMBS-1	1	800	30	0.95	5	0.4	800	150	1-Phase Bridge
LMB10S	LMBS-1	1	1000	30	0.95	5	0.4	1000	150	1-Phase Bridge
SLMB2S	LMBS-1	1	200	30	0.95	10	0.5	200	150	1-Phase Bridge
SLMB4S	LMBS-1	1	400	30	1.3	10	0.5	400	150	1-Phase Bridge
SLMB6S	LMBS-1	1	600	30	1.7	10	0.5	600	150	1-Phase Bridge
FLMB207S	LMBS-1	2	1000	60	1.3	5	1	1000	150	1-Phase Bridge
LMB205SL	LMBS-1	2	600	65	0.95	5	1	600	150	1-Phase Bridge
LMB206SL	LMBS-1	2	800	65	0.95	5	1	800	150	1-Phase Bridge
LMB207SL	LMBS-1	2	1000	65	0.95	5	1	1000	150	1-Phase Bridge
LMB205S	LMBS-1	2	600	60	0.95	5	1	600	150	1-Phase Bridge
LMB206S	LMBS-1	2	800	60	0.95	5	1	800	150	1-Phase Bridge

Diodes

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	$T_J(^{\circ}C)$	
LMB207S	LMBS-1	2	1000	60	0.95	5	1	1000	150	1-Phase Bridge
LMB24S	LMBS-1	2	40	50	0.5	100	1	40	125	1-Phase Bridge
LMB26S	LMBS-1	2	60	50	0.7	100	1	60	150	1-Phase Bridge
LMB210S	LMBS-1	2	100	50	0.85	10	1	100	150	1-Phase Bridge
LMB34S	LMBS-1	3	40	70	0.55	500	1.5	40	150	1-Phase Bridge
LMB36S	LMBS-1	3	60	70	0.65	500	1.5	60	150	1-Phase Bridge
LMB310S	LMBS-1	3	100	70	0.85	500	1.5	100	150	1-Phase Bridge
MB1S	MBS-1	0.5	100	35	1	5	0.4	100	150	1-Phase Bridge
MB4S	MBS-1	0.5	400	35	1	5	0.4	400	150	1-Phase Bridge
MB6S	MBS-1	0.5	600	35	1	5	0.4	600	150	1-Phase Bridge
MB8S	MBS-1	0.5	800	35	1	5	0.4	800	150	1-Phase Bridge
MB10S	MBS-1	0.5	1000	35	1	5	0.4	1000	150	1-Phase Bridge
MBL6S	MBLS-1	0.5	600	35	1	5	0.4	600	150	1-Phase Bridge
MBL8S	MBLS-1	0.5	800	35	1	5	0.4	800	150	1-Phase Bridge
MBL10S	MBLS-1	0.5	1000	35	1	5	0.4	1000	150	1-Phase Bridge
RMB6S	MBS-1	0.5	600	30	1.25	5	0.4	600	150	1-Phase Bridge
SDB10S	SDB-1	1	600	30	1.1	10	0.5	600	150	1-Phase Bridge
SDB106	SDB-1	1	800	30	1.1	10	0.5	800	150	1-Phase Bridge
SDB107	SDB-1	1	1000	30	1.1	10	0.5	1000	150	1-Phase Bridge
SDB153	SDB-1	1.5	200	50	1.1	5	0.7	200	150	1-Phase Bridge
SDB155	SDB-1	1.5	600	50	1.1	5	0.7	600	150	1-Phase Bridge
SDB156	SDB-1	1.5	800	50	1.1	5	0.7	800	150	1-Phase Bridge
SDB157	SDB-1	1.5	1000	50	1.1	5	0.7	1000	150	1-Phase Bridge
SDB20S	SDB-1	2	600	60	1.1	10	1	600	150	1-Phase Bridge
SDB206	SDB-1	2	800	60	1.1	10	1	800	150	1-Phase Bridge
SDB207	SDB-1	2	1000	60	1.1	10	1	1000	150	1-Phase Bridge
SDB307	SDB-1	3	1000	80	1	5	1.5	1000	150	1-Phase Bridge
SDB105L	SDBL-1	1	600	30	1.1	10	0.5	600	150	1-Phase Bridge
SDB106L	SDBL-1	1	800	30	1.1	10	0.5	800	150	1-Phase Bridge
SDB107L	SDBL-1	1	1000	30	1.1	10	0.5	1000	150	1-Phase Bridge
SDB155L	SDBL-1	1.5	600	50	1.1	10	0.7	600	150	1-Phase Bridge
SDB156L	SDBL-1	1.5	800	50	1.1	10	0.7	800	150	1-Phase Bridge
SDB157L	SDBL-1	1.5	1000	50	1.1	10	0.7	1000	150	1-Phase Bridge
SDB205L	SDBL-1	2	600	60	1.1	5	1	600	150	1-Phase Bridge
SDB206L	SDBL-1	2	800	60	1.1	5	1	800	150	1-Phase Bridge
SDB207L	SDBL-1	2	1000	60	1.1	5	1	1000	150	1-Phase Bridge
SDB307L	SDBL-1	3	1000	80	1	5	1.5	1000	150	1-Phase Bridge
DB10S	DB-1	1	600	30	1	5	0.5	600	150	1-Phase Bridge
DB106	DB-1	1	800	30	1	5	0.5	800	150	1-Phase Bridge
DB107	DB-1	1	1000	30	1	5	0.5	1000	150	1-Phase Bridge
DB156	DB-1	1.5	800	50	1.1	10	0.7	800	150	1-Phase Bridge
DB157	DB-1	1.5	1000	50	1.1	10	0.7	1000	150	1-Phase Bridge
DB20S	DB-1	2	600	60	1.1	10	1	600	150	1-Phase Bridge
DB206	DB-1	2	800	60	1.1	10	1	800	150	1-Phase Bridge

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	$T_J(^{\circ}C)$	
DB207	DB-1	2	1000	60	1.1	10	1	1000	150	1-Phase Bridge
DB307	DB-1	3	1000	80	1	5	1.5	1000	150	1-Phase Bridge
DB105L	DBL-1	1	600	30	1	5	0.5	600	150	1-Phase Bridge
DB106L	DBL-1	1	800	30	1	5	0.5	800	150	1-Phase Bridge
DB107L	DBL-1	1	1000	30	1	5	0.5	1000	150	1-Phase Bridge
DB155L	DBL-1	1.5	600	45	1.1	10	0.7	600	150	1-Phase Bridge
DB156L	DBL-1	1.5	800	45	1.1	10	0.7	800	150	1-Phase Bridge
DB157L	DBL-1	1.5	1000	45	1.1	10	0.7	1000	150	1-Phase Bridge
DB205L	DBL-1	2	600	60	1.1	10	1	600	150	1-Phase Bridge
DB207L	DBL-1	2	1000	60	1.1	10	1	1000	150	1-Phase Bridge
DB307L	DBL-1	3	1000	80	1	5	1.5	1000	150	1-Phase Bridge
RTBL406	TBL	4	600	100	1.3	5	2	600	150	1-Phase Bridge
TBL406	TBL	4	600	120	0.95	5	2	600	150	1-Phase Bridge
TBL410	TBL	4	1000	120	0.95	5	2	1000	150	1-Phase Bridge
TBL408L	TBL	4	800	150	0.92	5	2	800	150	1-Phase Bridge
RTBL610	TBL	6	1000	150	1.3	5	3	1000	150	1-Phase Bridge
TBL610	TBL	6	1000	150	0.95	5	3	1000	150	1-Phase Bridge
TBL608L	TBL	6	800	200	0.92	5	3	800	150	1-Phase Bridge
TBL806	TBL	8	600	200	1	5	4	600	150	1-Phase Bridge
TBL808	TBL	8	800	200	1	5	4	800	150	1-Phase Bridge
TBL810	TBL	8	1000	200	1	5	4	1000	150	1-Phase Bridge
TBL808L	TBL	8	800	250	0.92	5	4	800	150	1-Phase Bridge
TBN1010	TBN	10	1000	250	1	5	5	1000	150	1-Phase Bridge
TBN1508L	TBN	15	800	400	0.92	5	7.5	800	150	1-Phase Bridge
TBN1510	TBN	15	1000	350	1	5	7.5	1000	150	1-Phase Bridge
TBS20J	TBS	2	600	75	1	5	1	600	150	1-Phase Bridge
TBS20K	TBS	2	800	75	1	5	1	800	150	1-Phase Bridge
TBS20M	TBS	2	1000	75	1	5	1	1000	150	1-Phase Bridge
TBS22J	TBS	2.2	600	90	0.95	5	1.1	600	150	1-Phase Bridge
TBS22K	TBS	2.2	800	90	0.95	5	1.1	800	150	1-Phase Bridge
TBS22M	TBS	2.2	1000	90	0.95	5	1.1	1000	150	1-Phase Bridge
RTBS30M	TBS	3	1000	90	1.3	5	1.5	1000	150	1-Phase Bridge
TBS30J	TBS	3	600	110	0.95	5	1.5	600	150	1-Phase Bridge
TBS30K	TBS	3	800	110	0.95	5	1.5	800	150	1-Phase Bridge
TBS30M	TBS	3	1000	110	0.95	5	1.5	1000	150	1-Phase Bridge
TBS30KL	TBS	3	800	95	0.96	5	3	800	150	1-Phase Bridge
RTBSA20M	TBSG	2	1000	75	1.3	5	1	1000	150	1-Phase Bridge
TBSA20M	TBSG	2	1000	80	1	5	1	1000	150	1-Phase Bridge
RTBSA30M	TBSG	3	1000	90	1.3	5	1.5	1000	150	1-Phase Bridge
TBSA30M	TBSG	3	1000	110	1	5	1.5	1000	150	1-Phase Bridge
RTBSA40M	TBSG	4	1000	120	1.3	5	2	1000	150	1-Phase Bridge
TBSA40M	TBSG	4	1000	120	1	5	2	1000	150	1-Phase Bridge
RTBSA60M	TBSG	6	1000	150	1.3	5	3	1000	150	1-Phase Bridge
TBSA60M	TBSG	6	1000	150	1	5	3	1000	150	1-Phase Bridge

Diodes

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		I_{FAV} (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)	
UD2KB60	D3K	2	600	60	1	5	1	600	150	1-Phase Bridge
UD2KB80	D3K	2	800	60	1	5	1	800	150	1-Phase Bridge
UD2KB100	D3K	2	1000	60	1	5	1	1000	150	1-Phase Bridge
UD3KB60	D3K	3	600	90	1	5	1.5	600	150	1-Phase Bridge
UD3KB80	D3K	3	800	90	1	5	1.5	800	150	1-Phase Bridge
UD3KB100	D3K	3	1000	90	1	5	1.5	1000	150	1-Phase Bridge
UD4KB60	D3K	4	600	130	1	5	2	600	150	1-Phase Bridge
UD4KB80	D3K	4	800	130	1	5	2	800	150	1-Phase Bridge
UD4KB100	D3K	4	1000	130	1	5	2	1000	150	1-Phase Bridge
UD6KB60	D3K	6	600	170	1	5	3	600	150	1-Phase Bridge
UD6KB80	D3K	6	800	170	1	5	3	800	150	1-Phase Bridge
UD6KB100	D3K	6	1000	170	1	5	3	1000	150	1-Phase Bridge
UD8KB60	D3K	8	600	175	0.95	5	4	600	150	1-Phase Bridge
UD8KB80	D3K	8	800	175	0.95	5	4	800	150	1-Phase Bridge
UD8KB80L	D3K	8	800	170	0.92	5	4	800	150	1-Phase Bridge
UD8KB100	D3K	8	1000	175	0.95	5	4	1000	150	1-Phase Bridge
GBJ606	GBJ	6	600	170	1	5	3	600	150	1-Phase Bridge
GBJ608	GBJ	6	800	170	1	5	3	800	150	1-Phase Bridge
GBJ610	GBJ	6	1000	170	1	5	3	1000	150	1-Phase Bridge
GBJ806	GBJ	8	600	170	1	5	4	600	150	1-Phase Bridge
GBJ808	GBJ	8	800	170	1	5	4	800	150	1-Phase Bridge
GBJ810	GBJ	8	1000	170	1	5	4	1000	150	1-Phase Bridge
EGBJ1006	GBJ	10	600	175	1.7	5	5	600	150	1-Phase Bridge
GBJ1006	GBJ	10	600	170	1.05	10	5	600	150	1-Phase Bridge
GBJ1008	GBJ	10	800	170	1.05	10	5	800	150	1-Phase Bridge
GBJ1010	GBJ	10	1000	170	1.05	10	5	1000	150	1-Phase Bridge
GBJ1010S	GBJ	10	1000	175	1	5	5	1000	150	1-Phase Bridge
EGBJ1506	GBJ	15	600	180	2	5	7.5	600	150	1-Phase Bridge
GBJ1506	GBJ	15	600	240	1	5	7.5	600	150	1-Phase Bridge
GBJ1508	GBJ	15	800	240	1	5	7.5	800	150	1-Phase Bridge
GBJ1510	GBJ	15	1000	240	1	5	7.5	1000	150	1-Phase Bridge
GBJ1506L	GBJ	15	600	380	0.92	5	7.5	600	150	1-Phase Bridge
GBJ1508L	GBJ	15	800	380	0.92	5	7.5	800	150	1-Phase Bridge
GBJ1510S	GBJ	15	1000	250	1	5	7.5	1000	150	1-Phase Bridge
GBJ15L06	GBJ	15	600	250	0.92	5	7.5	600	150	1-Phase Bridge
GBJ15L08	GBJ	15	800	250	0.92	5	7.5	800	150	1-Phase Bridge
EGBJ2006	GBJ	20	600	180	2	5	10	600	150	1-Phase Bridge
GBJ2006	GBJ	20	600	240	1	5	10	600	150	1-Phase Bridge
GBJ2008	GBJ	20	800	240	1	5	10	800	150	1-Phase Bridge
GBJ2010	GBJ	20	1000	240	1	5	10	1000	150	1-Phase Bridge
GBJ2010S	GBJ	20	1000	280	1	5	10	1000	150	1-Phase Bridge
EGBJ2506	GBJ	25	600	220	2	5	12.5	600	150	1-Phase Bridge
GBJ2506	GBJ	25	600	350	1	5	12.5	600	150	1-Phase Bridge
GBJ2508	GBJ	25	800	350	1	5	12.5	800	150	1-Phase Bridge

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		I_{FAV} (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)	
GBJ2510	GBJ	25	1000	350	1	5	12.5	1000	150	1-Phase Bridge
GBJ2508L	GBJ	25	800	550	0.92	5	12.5	800	150	1-Phase Bridge
GBJ2510H	GBJ	25	1600	400	1.2	10	12.5	1600	150	1-Phase Bridge
GBJ2510S	GBJ	25	1000	320	1	5	12.5	1000	150	1-Phase Bridge
GBJ2516	GBJ	25	1600	320	1.1	5	12.5	1600	150	1-Phase Bridge
GBJ25L06	GBJ	25	600	360	0.92	5	12.5	600	150	1-Phase Bridge
GBJ25L08	GBJ	25	800	360	0.92	5	12.5	800	150	1-Phase Bridge
GBJ25L08A	GBJ	25	800	380	0.9	5	12.5	800	150	1-Phase Bridge
EGBJ3506	GBJ	35	600	350	2	5	17.5	600	150	1-Phase Bridge
GBJ3506	GBJ	35	600	400	1.05	10	17.5	600	150	1-Phase Bridge
GBJ3508	GBJ	35	800	400	1.05	10	17.5	800	150	1-Phase Bridge
GBJ3510	GBJ	35	1000	400	1.05	10	17.5	1000	150	1-Phase Bridge
GBJ3508L	GBJ	35	800	450	0.95	5	17.5	800	150	1-Phase Bridge
GBJ3510S	GBJ	35	1000	350	1.05	5	17.5	1000	150	1-Phase Bridge
GBJ3516	GBJ	35	1600	350	1.1	5	17.5	1600	150	1-Phase Bridge
GBJ35L08	GBJ	35	800	400	0.92	5	17.5	800	150	1-Phase Bridge
EGBJ5006	GBJ	50	600	380	2	5	25	600	150	1-Phase Bridge
GBJ5006	GBJ	50	600	400	1	5	25	600	150	1-Phase Bridge
GBJ5008	GBJ	50	800	400	1	5	25	800	150	1-Phase Bridge
GBJ5010	GBJ	50	1000	400	1	5	25	1000	150	1-Phase Bridge
GBJ5006L	GBJ	50	600	420	0.97	5	25	600	150	1-Phase Bridge
GBJ5010S	GBJ	50	1000	500	1	5	25	1000	150	1-Phase Bridge
GBJ5016	GBJ	50	1600	500	1.1	5	25	1600	150	1-Phase Bridge
GBL206	GBL	2	600	90	1	5	1	600	150	1-Phase Bridge
GBL208	GBL	2	800	90	1	5	1	800	150	1-Phase Bridge
GBL210	GBL	2	1000	90	1	5	1	1000	150	1-Phase Bridge
GBL210S	GBL	2	1000	90	1	5	1	1000	150	1-Phase Bridge
GBL406-BPC01	GBL	4	600	150	1	5	2	600	150	1-Phase Bridge
GBL408-BPC01	GBL	4	800	150	1	5	2	800	150	1-Phase Bridge
GBL410-BPC01	GBL	4	1000	150	1	5	2	1000	150	1-Phase Bridge
GBL410S	GBL	4	1000	135	1	5	2	1000	150	1-Phase Bridge
GBL606	GBL	6	600	150	1	5	3	600	150	1-Phase Bridge
GBL608	GBL	6	800	150	1	5	3	800	150	1-Phase Bridge
GBL610	GBL	6	1000	150	1	5	3	1000	150	1-Phase Bridge
GBL610S	GBL	6	1000	150	1	5	3	1000	150	1-Phase Bridge
KBP206G	GBP	2	600	60	1	5	1	600	150	1-Phase Bridge
KBP208G	GBP	2	800	60	1	5	1	800	150	1-Phase Bridge
KBP210G	GBP	2	1000	60	1	5	1	1000	150	1-Phase Bridge
KBP210GS	GBP	2	1000	60	1	5	1	1000	150	1-Phase Bridge
KBP306G	GBP	3	600	80	1	5	1.5	600	150	1-Phase Bridge
KBP308G	GBP	3	800	80	1	5	1.5	800	150	1-Phase Bridge
KBP310G	GBP	3	1000	80	1	5	1.5	1000	150	1-Phase Bridge
KBP310GS	GBP	3	1000	90	1	5	1.5	1000	150	1-Phase Bridge
KBP406G	GBP	4	600	135	1	5	2	600	150	1-Phase Bridge

Diodes

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		I_{FAV} (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)	
KBP408G	GBP	4	800	135	1	5	2	800	150	1-Phase Bridge
KBP410G	GBP	4	1000	135	1	5	2	1000	150	1-Phase Bridge
KBP410GS	GBP	4	1000	110	1	5	2	1000	150	1-Phase Bridge
RKBP410G	GBP	4	1000	130	1.3	5	2	1000	150	1-Phase Bridge
KBP810G	GBP	8	1000	170	1	5	4	1000	150	1-Phase Bridge
RKBP810G	GBP	8	1000	170	1.3	5	4	1000	150	1-Phase Bridge
GBU4J	GBU	4	600	135	1	5	2	600	150	1-Phase Bridge
GBU4K	GBU	4	800	135	1	5	2	800	150	1-Phase Bridge
GBU4M	GBU	4	1000	135	1	5	2	1000	150	1-Phase Bridge
GBU4JL	GBU	4	600	150	0.89	5	2	600	150	1-Phase Bridge
GBU4KL	GBU	4	800	150	0.89	5	2	800	150	1-Phase Bridge
GBU4MS	GBU	4	1000	135	1	5	2	1000	150	1-Phase Bridge
GBU6J	GBU	6	600	175	1	5	3	600	150	1-Phase Bridge
GBU6K	GBU	6	800	175	1	5	3	800	150	1-Phase Bridge
GBU6M	GBU	6	1000	175	1	5	3	1000	150	1-Phase Bridge
GBU6MS	GBU	6	1000	150	1	5	3	1000	150	1-Phase Bridge
RGBU6M	GBU	6	1000	150	1.3	5	3	1000	150	1-Phase Bridge
GBU8J	GBU	8	600	220	1	5	4	600	150	1-Phase Bridge
GBU8K	GBU	8	800	220	1	5	4	800	150	1-Phase Bridge
GBU8M	GBU	8	1000	220	1	5	4	1000	150	1-Phase Bridge
RGBU8M	GBU	8	1000	175	1.3	5	4	1000	150	1-Phase Bridge
EGBU1006	GBU	10	600	120	1.7	5	5	600	150	1-Phase Bridge
GBU10B	GBU	10	100	240	1	5	5	100	150	1-Phase Bridge
GBU10D	GBU	10	200	240	1	5	5	200	150	1-Phase Bridge
GBU10J	GBU	10	600	240	1	5	5	600	150	1-Phase Bridge
GBU10K	GBU	10	800	240	1	5	5	800	150	1-Phase Bridge
GBU10M	GBU	10	1000	240	1	5	5	1000	150	1-Phase Bridge
GBU10KL	GBU	10	800	200	0.92	5	5	800	150	1-Phase Bridge
GBU10MS	GBU	10	1000	175	1	5	5	1000	150	1-Phase Bridge
EGBU1506	GBU	15	600	180	2	5	7.5	600	150	1-Phase Bridge
GBU15J	GBU	15	600	240	1	5	7.5	600	150	1-Phase Bridge
GBU15K	GBU	15	800	240	1	5	7.5	800	150	1-Phase Bridge
GBU15M	GBU	15	1000	240	1	5	7.5	1000	150	1-Phase Bridge
GBU15KL	GBU	15	800	240	0.92	5	7.5	800	150	1-Phase Bridge
GBU15L06	GBU	15	600	250	0.92	5	7.5	600	150	1-Phase Bridge
GBU15L08	GBU	15	800	220	0.92	5	7.5	800	150	1-Phase Bridge
GBU15MS	GBU	15	1000	200	1	5	7.5	1000	150	1-Phase Bridge
EGBU2006	GBU	20	600	180	2	5	10	600	150	1-Phase Bridge
GBU2006	GBU	20	600	240	1	5	10	600	150	1-Phase Bridge
GBU2008	GBU	20	800	240	1	5	10	800	150	1-Phase Bridge
GBU2010	GBU	20	1000	240	1	5	10	1000	150	1-Phase Bridge
GBU2010S	GBU	20	1000	250	1	5	10	1000	150	1-Phase Bridge
EGBU2506	GBU	25	600	220	2	5	12.5	600	150	1-Phase Bridge
GBU2506	GBU	25	600	300	1	5	12.5	600	150	1-Phase Bridge

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	$T_J(^{\circ}C)$	
GBU2508	GBU	25	800	300	1	5	12.5	800	150	1-Phase Bridge
GBU2510	GBU	25	1000	300	1	5	12.5	1000	150	1-Phase Bridge
GBU2508L	GBU	25	800	450	0.92	5	12.5	800	150	1-Phase Bridge
GBU2510S	GBU	25	1000	300	1	5	12.5	1000	150	1-Phase Bridge
GBU25L06	GBU	25	600	360	0.92	5	12.5	600	150	1-Phase Bridge
GBU25L08	GBU	25	800	360	0.92	5	12.5	800	150	1-Phase Bridge
GBU3006	GBU	30	600	350	1	5	15	600	150	1-Phase Bridge
GBU3008	GBU	30	800	350	1	5	15	800	150	1-Phase Bridge
GBU3010	GBU	30	1000	350	1	5	15	1000	150	1-Phase Bridge
EGBU3506	GBU	35	600	350	2	5	17.5	600	150	1-Phase Bridge
GBU3510	GBU	35	1000	450	1.05	5	17.5	1000	150	1-Phase Bridge
GBU5010	GBU	50	1000	500	1	5	25	1000	150	1-Phase Bridge
RS405GL	RS-4L	4	600	200	1.1	5	4	600	150	1-Phase Bridge
RS406GL	RS-4L	4	800	200	1.1	5	4	800	150	1-Phase Bridge
RS407GL	RS-4L	4	1000	200	1.1	5	4	1000	150	1-Phase Bridge
RS605	RS-6	6	600	200	1.1	10	3	600	150	1-Phase Bridge
RS606	RS-6	6	800	200	1.1	10	3	800	150	1-Phase Bridge
RS607	RS-6	6	1000	200	1.1	10	3	1000	150	1-Phase Bridge
RS805	RS-6	8	600	300	1.1	10	4	600	150	1-Phase Bridge
RS806	RS-6	8	800	300	1.1	10	4	800	150	1-Phase Bridge
RS807	RS-6	8	1000	300	1.1	10	4	1000	150	1-Phase Bridge
RS1005	RS-6	10	600	250	1	10	5	600	150	1-Phase Bridge
RS1006	RS-6	10	800	250	1	10	5	800	150	1-Phase Bridge
RS1007	RS-6	10	1000	250	1	10	5	1000	150	1-Phase Bridge
GBJA606	JA	6	600	135	1	5	3	600	150	1-Phase Bridge
GBJA608	JA	6	800	135	1	5	3	800	150	1-Phase Bridge
GBJA610	JA	6	1000	135	1	5	3	1000	150	1-Phase Bridge
GBJA806	JA	8	600	150	1	5	4	600	150	1-Phase Bridge
GBJA808	JA	8	800	150	1	5	4	800	150	1-Phase Bridge
GBJA810	JA	8	1000	150	1	5	4	1000	150	1-Phase Bridge
GBJA1006	JA	10	600	150	1	5	5	600	150	1-Phase Bridge
GBJA1008	JA	10	800	150	1	5	5	800	150	1-Phase Bridge
GBJA1010	JA	10	1000	150	1	5	5	1000	150	1-Phase Bridge
GBJA1506	JA	15	600	220	1.05	10	7.5	600	150	1-Phase Bridge
GBJA1508	JA	15	800	220	1.05	10	7.5	800	150	1-Phase Bridge
GBJA1510	JA	15	1000	220	1.05	10	7.5	1000	150	1-Phase Bridge
GBJA2006	JA	20	600	240	1	5	10	600	150	1-Phase Bridge
GBJA2008	JA	20	800	240	1	5	10	800	150	1-Phase Bridge
GBJA2010	JA	20	1000	240	1	5	10	1000	150	1-Phase Bridge
GBJA2506	JA	25	600	350	1	5	12.5	600	150	1-Phase Bridge
GBJA2508	JA	25	800	350	1	5	12.5	800	150	1-Phase Bridge
GBJA2510	JA	25	1000	350	1	5	12.5	1000	150	1-Phase Bridge
KBJA406	JB	4	600	135	1	5	2	600	150	1-Phase Bridge
KBJA408	JB	4	800	135	1	5	2	800	150	1-Phase Bridge

Diodes

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		I_{FAV} (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_J (°C)	
KBJA410	JB	4	1000	135	1	5	2	1000	150	1-Phase Bridge
KBJA606	JB	6	600	150	1	5	3	600	150	1-Phase Bridge
KBJA608	JB	6	800	150	1	5	3	800	150	1-Phase Bridge
KBJA610	JB	6	1000	150	1	5	3	1000	150	1-Phase Bridge
KBJA806	JB	8	600	150	1	5	4	600	150	1-Phase Bridge
KBJA808	JB	8	800	150	1	5	4	800	150	1-Phase Bridge
KBJA808L	JB	8	800	175	0.92	5	4	800	150	1-Phase Bridge
KBJA810	JB	8	1000	150	1	5	4	1000	150	1-Phase Bridge
KBJA1006	JB	10	600	150	1	5	5	600	150	1-Phase Bridge
KBJA1008	JB	10	800	150	1	5	5	800	150	1-Phase Bridge
KBJA1010	JB	10	1000	150	1	5	5	1000	150	1-Phase Bridge
KBJA1506	JB	15	600	220	1	5	7.5	600	150	1-Phase Bridge
KBJA1508	JB	15	800	220	1	5	7.5	800	150	1-Phase Bridge
KBJA1510	JB	15	1000	220	1	5	7.5	1000	150	1-Phase Bridge
GBUA4M	JC	4	1000	135	1	5	2	1000	150	1-Phase Bridge
RGBUA4M	JC	4	1000	135	1.3	5	2	1000	150	1-Phase Bridge
GBUA6M	JC	6	1000	150	1	5	3	1000	150	1-Phase Bridge
RGBUA6M	JC	6	1000	150	1.3	5	3	1000	150	1-Phase Bridge
GBUA8M	JC	8	1000	160	1.3	5	4	1000	150	1-Phase Bridge
GBUA10M	JC	10	1000	175	1	5	5	1000	150	1-Phase Bridge
GBUA15M	JC	15	1000	200	1	5	7.5	1000	150	1-Phase Bridge
KBJ406G	KBJ	4	600	150	1	5	2	600	150	1-Phase Bridge
KBJ408G	KBJ	4	800	150	1	5	2	800	150	1-Phase Bridge
KBJ410G	KBJ	4	1000	150	1	5	2	1000	150	1-Phase Bridge
KBJ410GS	KBJ	4	1000	135	1	5	2	1000	150	1-Phase Bridge
KBJ606G	KBJ	6	600	170	1	5	3	600	150	1-Phase Bridge
KBJ608G	KBJ	6	800	170	1	5	3	800	150	1-Phase Bridge
KBJ610G	KBJ	6	1000	170	1	5	3	1000	150	1-Phase Bridge
KBJ610GS	KBJ	6	1000	150	1	5	3	1000	150	1-Phase Bridge
KBJ1006G	KBJ	10	600	175	1	5	5	600	150	1-Phase Bridge
KBJ1008G	KBJ	10	800	175	1	5	5	800	150	1-Phase Bridge
KBJ1010G	KBJ	10	1000	175	1	5	5	1000	150	1-Phase Bridge
KBJ1010GS	KBJ	10	1000	175	1	5	5	1000	150	1-Phase Bridge
KBJ1510GS	KBJ	15	1000	220	1	5	7.5	1000	150	1-Phase Bridge
KBJ2510G	KBJ	25	1000	300	1	5	12.5	1000	150	1-Phase Bridge
SGBJ2510	SGBJ	25	1000	400	1.05	5	12.5	1000	150	3-Phase Bridge
SGBJ2512	SGBJ	25	1200	400	1.05	5	12.5	1200	150	3-Phase Bridge
SGBJ2516	SGBJ	25	1600	400	1.05	5	12.5	1600	150	3-Phase Bridge
SGBJ3510	SGBJ	35	1000	450	1.05	5	17.5	1000	150	3-Phase Bridge
SGBJ3512	SGBJ	35	1200	450	1.05	5	17.5	1200	150	3-Phase Bridge
SGBJ3516	SGBJ	35	1600	450	1.05	5	17.5	1600	150	3-Phase Bridge
SGBJ5010	SGBJ	50	1000	500	1.1	5	25	1000	150	3-Phase Bridge
SGBJ5012	SGBJ	50	1200	500	1.1	5	25	1200	150	3-Phase Bridge
SGBJ5016	SGBJ	50	1600	500	1.1	5	25	1600	150	3-Phase Bridge
EPB2506	PB	25	600	220	2	5	12.5	600	150	1-Phase Bridge

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	$T_J(^{\circ}C)$	
PB2506	PB	25	600	350	1	5	12.5	600	150	1-Phase Bridge
PB2508	PB	25	800	350	1	5	12.5	800	150	1-Phase Bridge
PB2510	PB	25	1000	350	1	5	12.5	1000	150	1-Phase Bridge
EPB3506	PB	35	600	350	2	5	17.5	600	150	1-Phase Bridge
PB3506	PB	35	600	400	1	5	17.5	600	150	1-Phase Bridge
PB3508	PB	35	800	400	1	5	17.5	800	150	1-Phase Bridge
PB3510	PB	35	1000	400	1	5	17.5	1000	150	1-Phase Bridge
PB3516	PB	35	1600	400	1.1	5	17.5	1600	150	1-Phase Bridge
EPB5006	PB	50	600	380	2	5	25	600	150	1-Phase Bridge
PB5006	PB	50	600	450	1.05	5	25	600	150	1-Phase Bridge
PB5008	PB	50	800	450	1.05	5	25	800	150	1-Phase Bridge
PB5010	PB	50	1000	450	1.05	5	25	1000	150	1-Phase Bridge
PB5008L	PB	50	800	500	0.97	5	25	800	150	1-Phase Bridge
PB5016	PB	50	1600	500	1.1	5	25	1600	150	1-Phase Bridge
PBA2510	PB-A	25	1000	350	1	5	12.5	1000	150	1-Phase Bridge
PBA3510	PB-A	35	1000	400	1	5	17.5	1000	150	1-Phase Bridge
PBA3516	PB-A	35	1600	400	1.1	5	17.5	1600	150	1-Phase Bridge
PBA5010	PB-A	50	1000	500	1.1	5	25	1000	150	1-Phase Bridge
PBA5016	PB-A	50	1600	500	1.1	5	25	1600	150	1-Phase Bridge
3GBJ3508	TSB-5	35	800	400	1.1	10	17.5	800	150	3-Phase Bridge
3GBJ3510	TSB-5	35	1000	400	1.1	10	17.5	1000	150	3-Phase Bridge
3GBJ3516	TSB-5	35	1600	400	1.1	10	17.5	1600	150	3-Phase Bridge
PB66	PB-6	6	600	150	1	10	3	600	150	1-Phase Bridge
PB68	PB-6	6	800	150	1	10	3	800	150	1-Phase Bridge
PB610	PB-6	6	1000	150	1	10	3	1000	150	1-Phase Bridge
BR106	PB-6	10	600	150	1.1	10	5	600	150	1-Phase Bridge
BR108	PB-6	10	800	150	1.1	10	5	800	150	1-Phase Bridge
BR1010	PB-6	10	1000	150	1.1	10	5	1000	150	1-Phase Bridge
PB86	PB-10	8	600	220	1.1	10	4	600	125	1-Phase Bridge
PB810	PB-10	8	1000	220	1.1	10	4	1000	125	1-Phase Bridge
GBPC1506	GBPC	15	600	250	1.1	5	7.5	600	150	1-Phase Bridge
GBPC1508	GBPC	15	800	250	1.1	5	7.5	800	150	1-Phase Bridge
GBPC1510	GBPC	15	1000	250	1.1	5	7.5	1000	150	1-Phase Bridge
GBPC2506	GBPC	25	600	300	1.1	5	12.5	600	150	1-Phase Bridge
GBPC2508	GBPC	25	800	300	1.1	5	12.5	800	150	1-Phase Bridge
GBPC2510	GBPC	25	1000	300	1.1	5	12.5	1000	150	1-Phase Bridge
GBPC3502	GBPC	35	200	400	1.1	5	17.5	200	150	1-Phase Bridge
GBPC3506	GBPC	35	600	400	1.1	5	17.5	600	150	1-Phase Bridge
GBPC3508	GBPC	35	800	400	1.1	5	17.5	800	150	1-Phase Bridge
GBPC3510	GBPC	35	1000	400	1.1	5	17.5	1000	150	1-Phase Bridge
GBPC5004	GBPC	50	400	500	1.1	5	25	400	150	1-Phase Bridge
GBPC5006	GBPC	50	600	500	1.1	5	25	600	150	1-Phase Bridge
GBPC5008	GBPC	50	800	500	1.1	5	25	800	150	1-Phase Bridge
GBPC5010	GBPC	50	1000	500	1.1	5	25	1000	150	1-Phase Bridge

Diodes

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	Maximum DC Blocking Voltage	Operating Junction Temperature	Number of Functions
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	$T_J(^{\circ}C)$	
GBPC5008H	GBPC-H	50	800	500	1.1	5	25	800	150	1-Phase Bridge
GBPC5010H	GBPC-H	50	1000	500	1.1	5	25	1000	150	1-Phase Bridge
GBPC5012H	GBPC-H	50	1200	500	1.1	5	25	1200	150	1-Phase Bridge
GBPC5010L	GBPC-L	50	1000	500	1.1	5	25	1000	150	1-Phase Bridge
GBPC2506W	GBPC-W	25	600	300	1.1	5	12.5	600	150	1-Phase Bridge
GBPC2508W	GBPC-W	25	800	300	1.1	5	12.5	800	150	1-Phase Bridge
GBPC2510W	GBPC-W	25	1000	300	1.1	5	12.5	1000	150	1-Phase Bridge
GBPC3506W	GBPC-W	35	600	400	1.1	5	17.5	600	150	1-Phase Bridge
GBPC3508W	GBPC-W	35	800	400	1.1	5	17.5	800	150	1-Phase Bridge
GBPC3510W	GBPC-W	35	1000	400	1.1	5	17.5	1000	150	1-Phase Bridge
MB256	MB-35	25	600	300	1.1	10	12.5	600	150	1-Phase Bridge
MB258	MB-35	25	800	300	1.1	10	12.5	800	150	1-Phase Bridge
MB2510	MB-35	25	1000	300	1.1	10	12.5	1000	150	1-Phase Bridge
MB356	MB-35	35	600	400	1.1	10	17.5	600	125	1-Phase Bridge
MB358	MB-35	35	800	400	1.1	10	17.5	800	125	1-Phase Bridge
MB3510	MB-35	35	1000	400	1.1	10	17.5	1000	125	1-Phase Bridge
MP358	MP-50	35	800	400	1.1	5	17.5	800	150	1-Phase Bridge
MP506	MP-50	50	600	500	1.2	10	25	600	150	1-Phase Bridge
MP5010	MP-50	50	1000	500	1.2	10	25	1000	150	1-Phase Bridge
MP156W	MP-50W	15	600	300	1.1	5	7.5	600	125	1-Phase Bridge
MP358W	MP-50W	35	800	400	1.1	5	17.5	800	150	1-Phase Bridge
MP506W	MP-50W	50	600	450	1.1	10	25	600	150	1-Phase Bridge
MP508W	MP-50W	50	800	450	1.1	10	25	800	150	1-Phase Bridge
MP5010W	MP-50W	50	1000	450	1.1	10	25	1000	150	1-Phase Bridge
MT3508A	MT-35A	35	800	400	1.2	10	17.5	800	150	3-Phase Bridge
MT3512A	MT-35A	35	1200	400	1.2	10	17.5	1200	150	3-Phase Bridge
MT3516A	MT-35A	35	1600	400	1.2	10	17.5	1600	150	3-Phase Bridge
MT5008A	MT-35A	50	800	500	1.2	10	25	800	150	3-Phase Bridge
MT5016A	MT-35A	50	1600	500	1.2	10	25	1600	150	3-Phase Bridge
MT3510M	MT-M	35	1000	400	1.1	5	17.5	1000	150	3-Phase Bridge
MT3516M	MT-M	35	1600	400	1.1	5	17.5	1600	150	3-Phase Bridge
MT5010M	MT-M	50	1000	500	1.15	5	25	1000	150	3-Phase Bridge
MT5016M	MT-M	50	1600	500	1.15	5	25	1600	150	3-Phase Bridge
MT2510W	MT-W	25	1000	350	1.1	5	12.5	1000	150	3-Phase Bridge
MT2516W	MT-W	25	1600	350	1.1	5	12.5	1600	150	3-Phase Bridge
MT3510W	MT-W	35	1000	450	1.1	5	17.5	1000	150	3-Phase Bridge
MT3516W	MT-W	35	1600	450	1.1	5	17.5	1600	150	3-Phase Bridge
MT5010W	MT-W	50	1000	500	1.15	5	25	1000	150	3-Phase Bridge
MT5016W	MT-W	50	1600	500	1.15	5	25	1600	150	3-Phase Bridge
S50VB100DT	S50VB DT	50	1000	500	1.05	5	25	1000	150	1-Phase Bridge
S50VB160DT	S50VB DT	50	1600	500	1.05	5	25	1600	150	1-Phase Bridge
SKBPC3516	SKBPC	35	1600	425	1.2	1	17.5	1600	150	3-Phase Bridge
SKBPC7510	SKBPC75	75	1000	800	1.2	5	37.5	1000	150	3-Phase Bridge
SKBPC7516	SKBPC75	75	1600	800	1.2	5	37.5	1600	150	3-Phase Bridge