

Diodes

- * Broad range of Diodes: Zener, Schottky, FRED, PIN and Rectifiers
- * Power Bridges in modules type are available

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Pin Diodes

200mw~715mw

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

Zener Diodes

150mW

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

200mW

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52B3V0JS~BZT52B75JS	SOD-323	0.2	0.000045~0.009	1.0~56	3.0~75	2.5~5.0	10~250	80~1000	0.5~1.0
BZT52C2V4LS~BZT52C39LS	SOD-323FL	0.2	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
BZT52C2V4S~BZT52C56S	SOD-323	0.2	0.00005~0.05	1.0~39.2	2.4~56	2.0~5.0	10~200	80~750	0.5~1.0
MMXZ5223B~MMXZ5259B	SOD-323	0.2	0.0001~0.075	1.0~30	2.7~39	3.2~20	5.0~80	500~2000	0.25
MMXZ5229C~MMXZ5262C	SOD-323	0.2	0.0001~0.005	1.0~39	4.3~51	2.5~20	5~125	500~2000	0.25
BZT52B2V4LS~BZT52B75LS	SOD-323FL	0.2	0.0001~0.12	1.0~56	2.53~75	5	30~300	60~1700	0.25~1.0
BZT52B2V4L~BZT52B39T	SOD-523	0.2	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
BZT52C2V4T~BZT52C39T	SOD-523	0.2	0.0001~0.05	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
AZ23C2V7W~AZ23C39W	SOT-323	0.2	0.0001	0.8~29	2.7~39	5	7~95	50~500	1
BZX84C2V4W~BZX84C39W	SOT-323	0.2	0.0001~0.05	1.0~27.3	2.4~39	5	10~130	80~600	1
MMBZ5221BW~MMBZ5259BW	SOT-323	0.2	0.0001~0.1	1.0~30	2.4~39	3.2~20	5~80	500~2000	0.3

250mW

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

Zener Diodes

300mW

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
AZ23C2V7~AZ23C51	SOT-23	0.3	0.0001	0.8~38	2.7~51	5	7~100	50~750	1
DZ23C2V4~DZ23C75	SOT-23	0.3	0.0001~0.1	0.8~56	2.4~75	5	7~250	80~1000	1

350mW

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

400mW

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52B3V0BS~BZT52B51BS	SOD-323	0.4	0.000045~0.009	1.0~35.7	3.0~51	2.0~5.0	10~169	80~564	0.5~1.0

Zener Diodes

500mW

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

1.0W

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

1.5W

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
1N5920BP~1N5956BP	DO-41	1.5	0.001~0.005	4.0~152	6.2~200	1.9~60.5	2~1200	200~8000	0.25~1.0
SMAJ5918B~SMAJ5956B	SMA	1.5	0.001~0.005	2.0~152	5.1~200	1.9~73.5	2.0~1200	200~8000	0.25~1.0
SMBJ5918B~SMBJ5956B	SMB	1.5	0.001~0.005	2.0~152	5.1~200	1.9~73.5	2.0~1200	200~8000	0.25~1.0

Zener Diodes

2.0W

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
2EZ5.1D5~2EZ75D5	DO-41	2	0.0005~0.005	1.0~56	5.1~75	6.7~98	1.5~90	500~2000	0.25~1.0

3.0W

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

5.0W

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
1N5338B~1N5388B	DO-15	5	0.0005~0.01	1.0~152	5.1~200	5.0~240	1.0~480	75~1850	1
SMBJ5338B~SMBJ5388B	SMB	5	0.0005~0.01	1.0~152	5.1~200	5.0~240	1.0~480	75~1850	1
1N5334B	DO-15	5	0.15	1	3.6	350	2.5	500	1

Zener Diodes

Automotive Grade Products

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZX584B3V6HE3~BZX584B36HE3	SOD-523	0.15	0.0001~0.005	1.0~25.2	3.6~36	2.0~5.0	10~90	80~600	0.5~1.0
BZX584C2V4HE3~BZX584C39HE3	SOD-523	0.15	0.0001~0.050	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
BZT52B3V6JSHE3~BZT52B47JSHE3	SOD-323	0.2	0.000045~0.0045	1.0~33.0	3.6~47	5	10~160	80~564	0.5~1.0
BZT52C2V4SHE3~BZT52C47SHE3	SOD-323	0.3	0.0001~0.050	1.0~35.0	2.4~47	2.0~5.0	10~130	80~750	0.5~1.0
DZ23C2V4HE3~DZ23C47HE3	SOT-23	0.3	0.0001~0.1	0.8~35	2.4~47	5	7~100	80~750	1
BZT52C75SHE3	SOD-323	0.3	0.00005	52.5	75	2	255	500	0.5
AZ23B3V6HE3~AZ23B39HE3	SOT-23	0.3	0.0001~0.005	1.0~27.3	3.6~39	2.0~5.0	10~130	80~600	0.5~1.0
AZ23C2V4HE3~AZ23C39HE3	SOT-23	0.3	0.0001~0.005	1.0~27.3	2.4~39	2.0~5.0	10~130	80~600	0.5~1.0
BZX84B4V3HE3~BZX84B36HE3	SOT-23	0.35	0.0001~0.003	1.0~25.2	4.3~36	2.0~5.0	10~90	80~600	0.5~1.0
BZX84C2V4HE3~BZX84C47HE3	SOT-23	0.35	0.0001~0.050	1.0~32.9	2.4~47	2.0~5.0	10~170	80~600	0.5~1
BZT52B3V6HE3~BZT52B47HE3	SOD-123	0.5	0.0001~0.015	1.0~35.0	3.6~47	2.0~5.0	7.0~100	80~600	1
BZT52C2V4HE3~BZT52C47HE3	SOD-123	0.5	0.0001~0.050	1.0~35.0	2.4~47	2.0~5.0	10~130	80~750	0.5~1.0
MMSZ5221BHE3~MMSZ5261BHE3	SOD-123	0.5	0.0001~0.1	1.0~36	2.4~47	2.7~20	5~105	500~2000	0.25
SMA1EZ110D5HE3~SMA1EZ330D5HE3	SMA	1	0.0001	83.6~250.2	110~330	0.7~2.3	450~2500	4000~9500	0.25
SMAJ4740AHE3~SMAJ4764AHE3	SMA	1	0.0001~0.0005	7.6~76	10~100	2.5~25	7.0~350	700~3000	0.25
SMAZ10HE3~SMAZ39HE3	SMA	1	0.0005~0.001	7.6~29.6	10~39	10~50	4.0~40	150~450	1
SMAJ5925BHE3~SMAJ5956BHE3	SMA	1.5	0.001~0.005	8.0~152	10~200	1.9~37.5	4.5~1200	500~8000	0.25
SMBJ5925BHE3~SMBJ5956BHE3	SMB	1.5	0.001~0.005	8.0~152	10~200	1.9~37.5	4.5~1200	500~8000	0.25
SMA2EZ10D5HE3~SMA2EZ75D5HE3	SMA	2	0.0005~0.003	7.6~56	10~75	6.7~50	3.5~90	700~2000	0.25
SMB2EZ10D5HE3~SMB2EZ75D5HE3	SMB	2	0.0005~0.003	7.6~56	10~75	6.7~50	3.5~90	700~2000	0.25
3SMAJ5925BHE3~3SMAJ5956BHE3	SMA	3	0.001~0.005	8.0~152	10~200	1.9~37.5	4.5~1200	500~8000	0.25
3SMBJ5925BHE3~3SMBJ5956BHE3	SMB	3	0.001~0.005	8.0~152	10~200	1.9~37.5	4.5~1200	500~8000	0.25
SMBJ5347BHE3~SMBJ5388BHE3	SMB	5	0.0005~0.005	7.6~152	10~200	5.0~125	2.0~480	75~1850	1

Bridge Rectifiers

0.5A~4.0A

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
		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)
MB05S~MB10S	MBS-1	0.5	50~1000	35	1	5	0.4	50~1000	-
MBL1S~MBL10S	MBLS-1	0.5	100~1000	35	1	10	0.4	100~1000	-
RMB2S~RMB6S	MBS-1	0.5	200~600	30	1.25	5	0.4	200~600	0.15~0.25
DB101~DB107	DB-1	1	50~1000	30	1.1	10	1	50~1000	-
DB101L~DB107L	DBL-1	1	50~1000	30	1.05	10	1	50~1000	-
LMB2S~LMB10S	LMBS-1	1	200~1000	30	0.95	5	0.4	200~1000	-
LMB12S~LMB110S	LMBS-1	1	20~100	30	0.55~0.85	100	0.5	20~100	-
SDB101L~SDB107L	SDBL-1	1	50~1000	30	1.1	10	1	50~1000	-
SDB101~SDB107	SDB-1	1	50~1000	30	1.1	10	1	50~1000	-
SLMB2S~SLMB6S	LMBS-1	1	200~600	30	0.95~1.7	10	0.5	200~600	0.035
DB151~DB157	DB-1	1.5	50~1000	50	1.1	10	1.5	50~1000	-
DB151L~DB157L	DBL-1	1.5	50~1000	45	1.1	10	1.5	50~1000	-
SDB151L~SDB157L	SDBL-1	1.5	50~1000	50	1.1	10	1.5	50~1000	-
SDB151~SDB157	SDB-1	1.5	50~1000	50	1.1	5	1.5	50~1000	-
DB201~DB207	DB-1	2	50~1000	60	1.1	10	2	50~1000	-
DB201L~DB207L	DBL-1	2	50~1000	60	1.1	10	2	50~1000	-
FLMB207S	LMBS-1	2	1000	50	1.3	5	1	1000	0.15
GBL2005~GBL210	GBL	2	50~1000	80	1.05	10	1	50~1000	-
GBL210S	GBL	2	1000	90	1	5	1	1000	-
KBP2005G~KBP210G	GBP	2	50~1000	60	1.05	10	2	50~1000	-
KBP210GS	GBP	2	1000	60	1	5	1	1000	-
LMB203SL~LMB207SL	LMBS-1	2	200~1000	65	0.95	5	1	200~1000	-
LMB203S~LMB207S	LMBS-1	2	200~1000	60	0.95	5	1	200~1000	-
LMB24S~LMB210S	LMBS-1	2	40~100	50	0.5	500	1	40~100	-
SDB201L~SDB207L	SDBL-1	2	50~1000	60	1.1	5	2	50~1000	-
SDB201~SDB207	SDB-1	2	50~1000	60	1.2	10	2	50~1000	-
TBS20A~TBS20M	TBS	2	50~1000	75	1.1	5	2	50~1000	-
UD2KB05~UD2KB80	D3K	2	50~800	75	1	10	1	50~800	-
TBS22A~TBS22M	TBS	2.2	50~1000	90	0.95	5	2	50~1000	-
KBP3005G~KBP310G	GBP	3	50~1000	80	1.1	10	2	50~1000	-
KBP310GS	GBP	3	1000	90	1	5	1.5	1000	-
LMB32S~LMB310S	LMBS-1	3	20~100	70	0.55	500	1.5	20~100	-
RTBS30M	TBS	3	1000	90	1.3	5	1.5	1000	0.35
TBS30A~TBS30M	TBS	3	50~1000	95	0.95	5	1.5	50~1000	-
TBS30KL	TBS	3	800	95	0.96	5	3	800	-
UD3KB05~UD3KB10	D3K	3	50~1000	90	1	10	1.5	50~1000	-
GBL4005~BPC01~GBL410~BPC01	GBL	4	50~1000	150	1	5	2	50~1000	-
GBL410S	GBL	4	1000	135	1	5	2	1000	-
GBU4A~GBU4M	GBU	4	50~1000	160	1	5	2	50~1000	-
GBU4JL~GBU4KL	GBU	4	600~800	150	0.9	10	4	600~800	-
GBU4MS	GBU	4	1000	135	1	5	2	1000	-
KBJ4005G~KBJ410G	KBJ	4	50~1000	150	1	5	2	50~1000	-
KBJ410GS	KBJ	4	1000	135	1	5	2	1000	-
KBJA4005~KBJA410	JB	4	50~1000	120	1.05	10	2	50~1000	-

Bridge Rectifiers

4.0A~15.0A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		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)
KBP4005G~KBP410G	GBP	4	50~1000	110	1	10	2	50~1000	-
KBP410GS	GBP	4	1000	110	1	5	2	1000	-
RS401GL~RS407GL	RS-4L	4	50~1000	200	1.1	5	4	50~1000	-
RTBL406	TBL	4	600	100	1.3	5	2	600	-
TBL4005~TBL410	TBL	4	50~1000	120	0.95	5	2	50~1000	-
UD4KB05~UD4KB100	D3K	4	50~1000	130	1	10	2	50~1000	-
GBJ6005~GBJ610	GBJ	6	50~1000	170	1	5	3	50~1000	-
GBJA6005~GBJA610	JA	6	50~1000	135	1.1	10	3	50~1000	-
GBL6005~GBL610	GBL	6	50~1000	135	1	5	3	50~1000	-
GBL610S	GBL	6	1000	150	1	5	3	1000	-
GBU6A~GBU6M	GBU	6	50~1000	175	1	5	3	50~1000	-
GBU6MS	GBU	6	1000	150	1	5	3	1000	-
KBJ6005G~KBJ610G	KBJ	6	50~1000	170	1	5	3	50~1000	-
KBJ610GS	KBJ	6	1000	150	1	5	3	1000	-
KBJA6005~KBJA610	JB	6	50~1000	135	1.05	10	3	50~1000	-
PB605~PB610	PB-6	6	50~1000	150	1	10	3	50~1000	-
RS601~RS607	RS-6	6	50~1000	200	1.1	10	3	50~1000	-
RTBL610	TBL	6	1000	150	1.3	5	3	1000	0.5
TBL6005~TBL610	TBL	6	50~1000	150	0.95	5	3	50~1000	-
UD6KB05~UD6KB100	D3K	6	50~1000	170	1	10	3	50~1000	-
GBJ8005~GBJ810	GBJ	8	50~1000	170	1	5	4	50~1000	-
GBJA8005~GBJA810	JA	8	50~1000	150	1.1	10	4	50~1000	-
GBU8A~GBU8M	GBU	8	50~1000	220	1	5	4	50~1000	-
KBJA8005~KBJA810	JB	8	50~1000	150	1.1	10	4	50~1000	-
PB805~PB810	PB-10	8	50~1000	220	1.1	10	4	50~1000	-
RS801~RS807	RS-6	8	50~1000	300	1.1	10	4	50~1000	-
TBL8005~TBL810	TBL	8	50~1000	200	1	5	4	50~1000	-
UD8KB05~UD8KB100	D3K	8	50~1000	175	0.95	5	4	50~1000	-
BR1005~BR1010	PB-6	10	50~1000	150	1.1	10	5	50~1000	-
GBJ10005~GBJ1010	GBJ	10	50~1000	170	1.05	10	5	50~1000	-
GBJ1010S	GBJ	10	1000	175	1	5	5	1000	-
GBJA10005~GBJA1010	JA	10	50~1000	150	1.1	10	5	50~1000	-
GBU10A~GBU10M	GBU	10	50~1000	240	1	5	5	50~1000	-
GBU10KL	GBU	10	800	200	0.9	5	5	800	-
GBU10MS	GBU	10	1000	175	1	5	5	1000	-
KBJ10005G~KBJ1010G	KBJ	10	50~1000	170	1	5	5	50~1000	-
KBJ1010GS	KBJ	10	1000	175	1	5	5	1000	-
KBJA10005~KBJA1010	JB	10	50~1000	150	1.1	10	5	50~1000	-
RS1001~RS1007	RS-6	10	50~1000	250	1	10	5	50~1000	-
TBN1010	TBN	10	1000	250	1	5	5	1000	-
GBJ15005~GBJ1510	GBJ	15	50~1000	240	1	10	7.5	50~1000	-
GBJ1506L~GBJ1508L	GBJ	15	600~800	380	0.92	5	7.5	600~800	-
GBJ1510S	GBJ	15	1000	250	1	5	7.5	1000	-
GBJ15L06	GBJ	15	600	250	0.92	5	7.5	600	-

Bridge Rectifiers

15.0A~50.0A

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
		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)
GBJA15005~GBJA1510	JA	15	50~1000	220	1.05	10	7.5	50~1000	-
GBPC15005~GBPC1510	GBPC	15	50~1000	250	1.1	5	7.5	50~1000	-
GBU15A~GBU15M	GBU	15	50~1000	240	1.1	5	7.5	50~1000	-
GBU15KL	GBU	15	800	240	0.93	5	7.5	800	-
GBU15L06	GBU	15	600	250	0.92	5	7.5	600	-
GBU15MS	GBU	15	1000	200	1	5	7.5	1000	-
KBJ1510GS	KBJ	15	1000	220	1	5	7.5	1000	-
KBJA1506~KBJA1510	JB	15	600~1000	220	1	5	7.5	600~1000	-
MB1505W	MB-35W	15	50	300	1.2	10	7.5	50	-
MP156W	MP-50W	15	600	300	1.1	5	7.5	600	-
GBJ20005~GBJ2010	GBJ	20	50~1000	240	1.05	10	10	50~1000	-
GBJ2010S	GBJ	20	1000	280	1	5	10	1000	-
GBJA20005~GBJA2010	JA	20	50~1000	240	1.1	5	10	50~1000	-
GBU20005~GBU2010	GBU	20	50~1000	240	1.1	5	10	50~1000	-
GBU2010S	GBU	20	1000	250	1	5	10	1000	-
GBJ25005~GBJ2510	GBJ	25	50~1000	350	1	10	12.5	50~1000	-
GBJ2508L	GBJ	25	800	420	0.92	5	12.5	800	-
GBJ2510H	GBJ	25	1600	400	1.2	10	12.5	1600	-
GBJ2510S	GBJ	25	1000	320	1	5	12.5	1000	-
GBJ25L06	GBJ	25	600	320	0.92	5	12.5	600	-
GBJA25005~GBJA2510	JA	25	50~1000	350	1.05	10	12.5	50~1000	-
GBPC25005~GBPC2510	GBPC	25	50~1000	300	1.1	5	12.5	50~1000	-
GBPC25005W~GBPC2510W	GBPC-W	25	50~1000	300	1.1	5	12.5	50~1000	-
GBU25005~GBU2510	GBU	25	50~1000	300	1	10	12.5	50~1000	-
GBU2510S	GBU	25	1000	300	1	5	12.5	1000	-
GBU25L06	GBU	25	600	360	0.92	5	12.5	600	-
MB2505~MB2510	MB-35	25	50~1000	300	1.1	10	12.5	50~1000	-
MB251W	MB-35W	25	100	300	1.2	10	12.5	100	-
PB25005~PB2510	PB	25	50~1000	350	1	5	12.5	50~1000	-
GBU30005~GBU3010	GBU	30	50~1000	350	1	5	15	50~1000	-
3GBJ3508~3GBJ3516	TSB-5	35	800~1600	400	1.1	10	17.5	800~1600	-
GBJ35005~GBJ3510	GBJ	35	50~1000	400	1.05	10	17.5	50~1000	-
GBJ3508L	GBJ	35	800	420	0.95	5	17.5	800	-
GBJ3510S	GBJ	35	1000	350	1	5	17.5	1000	-
GBPC35005~GBPC3510	GBPC	35	50~1000	400	1.1	5	17.5	50~1000	-
GBPC35005W~GBPC3510W	GBPC-W	35	50~1000	400	1.1	5	17.5	50~1000	-
MB3505~MB3510	MB-35	35	50~1000	400	1.1	10	17.5	50~1000	-
MP358W	MP-50W	35	800	400	1.1	5	17.5	800	-
MT3504A~MT3516A	MT-35A	35	400~1600	400	1.2	10	17.5	400~1600	-
PB35005~PB3510	PB	35	50~1000	400	1	5	17.5	50~1000	-
GBJ50005~GBJ5010	GBJ	50	50~1000	400	1	10	25	50~1000	-
GBJ5006L	GBJ	50	600	420	0.97	5	25	600	-
GBJ5010S	GBJ	50	1000	500	1	5	25	1000	-
GBPC50005~GBPC5010	GBPC	50	50~1000	500	1.1	5	25	50~1000	-

Bridge Rectifiers

50.0A

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
		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)
GBPC5012	GBPC	50	1200	500	1.1	5	25	1200	-
GBPC50005H~GBPC5012H	GBPC-H	50	50~1200	500	1.1	5	25	50~1200	-
MP5005~MP5010	MP-50	50	50~1000	500	1.2	10	25	50~1000	-
MP5005W~MP5010W	MP-50W	50	50~1000	450	1.1	10	25	50~1000	-
MT5004A~MT5016A	MT-35A	50	50~1600	500	1.2	10	25	50~1600	-
PB50005~PB5010	PB	50	50~1000	450	1.05	5	25	50~1000	-

Standard Recovery Rectifiers

0.2A~6A

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
		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)
R4000GPS	DO-41	0.2	4000	15	3.5	5	0.5	4000	>1.2
1N4001~1N4007	DO-41	1	50~1000	30	1	5	1	50~1000	2
1N4001GP~1N4007GP	DO-41	1	50~1000	30	1.1	5	1	50~1000	-
BY133GP	DO-41	1	1300	30	1.1	5	1	1300	-
EM513GP~EM518GP	DO-41	1	1600~2000	25	1.25	5	1	1600~2000	-
GS1AE~GS1ME	SMA	1	50~1000	30	1.1	5	1	50~1000	2
GS1AFL~GS1MFL	DO-221AC	1	50~1000	30	1	10	1	50~1000	-
GS1A-L~GS1M-L	SMA	1	50~1000	30	1	5	1	50~1000	2
GS1R-L	SMA	1	1300	30	1	5	1	1300	-
GS1Y-L	SMA	1	1600	30	1.25	5	1	1600	2.5
GS1Z-L	SMA	1	2000	30	1.15	5	1	2000	2.5
GS1ZFL	DO-221AC	1	2000	30	1.15	1	1	2000	2.5
M1FL~M7FL	DO-221AC	1	50~1000	30	1.1	5	1	50~1000	-
RL101GP~RL107GP	A-405	1	50~1000	30	1.1	5	1	50~1000	-
RL101~RL107	A-405	1	50~1000	30	1.1	5	1	50~1000	-
S1A-L~S1M-L	SMB	1	50~1000	30	1.1	5	1	50~1000	2
S1YA	SMA	1	1600	30	1.25	5	1	1600	2
S1Z-L	SMB	1	2000	30	1.2	5	1	2000	-
SM4001PL~SM4007PL	SOD-123FL	1	50~1000	30	1.1	5	1	50~1000	-
1N5391GP~1N5399GP	DO-15	1.5	50~1000	50	1.4	5	1.5	50~1000	-
GS2Y-L	SMA	1.5	1600	30	1.15	3	1.5	1600	4
S2Y-L	SMB	1.5	1600	30	1.15	5	1.5	1600	4
SM5391PL~SM5399PL	SOD-123FL	1.5	50~1000	50	1.1	5	1.5	50~1000	2
GS2AFL~GS2MFL	DO-221AC	2	50~1000	50	1.1	5	2	50~1000	4
GS2A-L~GS2M-L	SMA	2	50~1000	50	1.1	5	2	50~1000	4
RL201GP~RL207GP	DO-15	2	50~1000	70	1	5	2	50~1000	-
S2A-L~S2M-L	SMB	2	50~1000	50	1.15	5	2	50~1000	-
S2JBFL~S2MBFL	SMBF	2	60~1000	50	1.1	5	2	60~1000	-
RL251GP~RL257GP	R-3	2.5	50~1000	70	1.1	5	2.5	50~1000	-
RL257GPL	DO-15	2.5	1000	120	1.1	2.5	2.5	1000	-
1N5405	DO-201AD	3	500	200	1	5	3	500	-
1N5400GP~1N5408GP	DO-201AD	3	50~1000	200	1.1	5	3	50~1000	-
1N5413GP	DO-201AD	3	1300	100	1.1	5	3	1300	-
1N5416GP	DO-201AD	3	1600	100	1.2	5	3	1600	-
S3AB~S3MB	SMB	3	50~1000	100	1.15	10	3	50~1000	-
S3A~S3M	SMC	3	50~1000	100	1.2	10	3	50~1000	-
S3JBFL~S3MBFL	SMBF	3	600~1000	100	1.1	5	3	600~1000	-
S3Q	SMC	3	1200	100	1.2	10	3	1200	-
SSAL~SSML	SMC	5	50~1000	100	1.15	5	5	50~1000	-
SSMB	SMB	5	1000	150	1.1	5	5	1000	-
60S05~60S10	DO-201AD	6	50~1000	200	1	5	6	50~1000	-
6A05G~6A10G	R-6	6	50~1000	200	1	10	6	50~1000	-
DR750~DR7510	R-6	6	50~1000	200	1.1	10	6	50~1000	-
SMLJ60S05~SMLJ60S10	SMC	6	50~1000	200	1	5	6	50~1000	-

Standard Recovery Rectifiers

8.0A~60A

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
		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)
S8AL~S8ML	SMC	8	50~1000	200	1.05	5	8	50~1000	-
10A01GP~10A07GP	R-6	10	50~1000	300	1	5	10	50~1000	-
S10AL~S10ML	SMC	10	50~1000	200	1.2	10	10	50~1000	-
F1200D	R-6	12	150	390	0.87	5	12	150	-
GP1510	TO-220AC	15	1000	220	1.03	5	15	1000	-
GP1515	TO-220AC	15	1500	220	1.04	5	15	1500	-
GPB1510	D2-PAK	15	1000	220	1.03	5	15	1000	-
GPD2006C	DPAK	20	600	250	1	5	20	600	-
GPB2506C	D2-PAK	25	600	300	0.96	5	25	600	-
GP3016	TO-220AC	30	1600	275	1.12	5	30	1600	-
GP60160B	TO-247AD	60	1600	950	1.3	5	60	1600	-

Automotive Grade Products

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
		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)
GS1AHE3-L~GS1MHE3-L	SMA	1	50~1000	40	1	5	1	50~1000	-
SM4001PLHE3-SM4007PLHE3	SOD-123FL	1	50~1000	30	1.1	1	1	50~1000	3
GS2AHE3-L~GS2MHE3-L	SMA	2	50~1000	50	1.1	5	2	50~1000	-
S2AHE3-L-S2MHE3-L	SMB	2	50~1000	50	1.15	5	2	50~1000	-
S3ABHE3~S3MBHE3	SMB	3	50~1000	100	1.15	10	3	50~1000	-
S3AHE3~S3MHE3	SMC	3	50~1000	100	1.2	10	3	50~1000	-
S5ALHE3~S5MLHE3	SMC	5	50~1000	100	1.15	5	5	50~1000	-
S8ALHE3~S8MLHE3	SMC	8	50~1000	200	1.05	5	8	50~1000	-
S10DLHE3	SMC	10	200	200	1	5	10	200	-

Fast Recovery Rectifiers

0.5A~10A

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
		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)
FM2000GP	SMA	0.5	2000	30	2.5	5	0.5	2000	0.5
R2000FGP	DO-41	0.5	2000	30	2.5	5	0.5	2000	0.5
1N4933GP-1N4937GP	DO-41	1	50~1000	30	1.2	5	1	50~1000	0.2
1N4942GP-1N4948GP	DO-41	1	200~1000	25	1.3	5	1	200~1000	0.15~0.5
BA157GP~BA159GP	DO-41	1	400~1000	30	1.3	5	1	400~1000	0.15~0.25
FR101GP-FR107GP	DO-41	1	50~1000	30	1.3	5	1	50~1000	0.15~0.5
FR1A-L~FR1M-L	SMB	1	50~1000	30	1.3	5	1	50~1000	0.15~0.5
FS1AFL~FS1MFL	DO-221AC	1	50~1000	30	1.3	5	1	50~1000	0.15~0.5
FS1A-L~FS1M-L	SMA	1	50~1000	30	1.3	5	1	50~1000	0.15~0.5
FSM11PL~FSM17PL	SOD-123FL	1	50~1000	30	1.3	5	1	50~1000	0.15~0.5
FR151GP-FR157GP	DO-15	1.5	50~1000	30	1.3	5	1.5	50~1000	0.15~0.5
FSM154PL~FSM157PL	SOD-123FL	1.5	400~1000	45	1.3	5	1	400~1000	0.15~0.5
FR201GP~FR207GP	DO-15	2	50~1000	60	1.3	5	2	50~1000	0.15~0.5
FR2A-L~FR2M-L	SMB	2	50~1000	60	1.3	5	2	50~1000	0.15~0.5
FR2GBFL~FR2MBFL	SMBF	2	400~1000	50	1.3	5	2	400~1000	0.15~0.5
FS2AFL~FS2MFL	DO-221AC	2	50~1000	50	1.3	5	2	50~1000	0.15~0.5
FS2A-L~FS2M-L	SMA	2	50~1000	50	1.3	5	2	50~1000	0.15~0.5
FR301GP-FR307GP	DO-201AD	3	50~1000	150	1.3	5	3	50~1000	0.15~0.5
FR3AB~FR3MB	SMB	3	50~1000	100	1.3	10	3	50~1000	0.15~0.5
FR3A-FR3M	SMC	3	50~1000	100	1.3	10	3	50~1000	0.15~0.5
FR3GBFL~FR3MBFL	SMBF	3	400~1000	100	1.3	5	3	400~1000	0.15~0.5
FR4MBFL	SMBF	4	1000	120	1.3	5	4	1000	0.5
FR501GP~FR507GP	DO-201AD	5	50~1000	200	1.35	10	5	50~1000	0.15~0.5
FR601GP-FR607GP	R-6	6	50~1000	200	1.3	10	6	50~1000	0.15~0.5
FR1001GP-FR1007GP	DO-41	10	50~1000	250	1.3	5	10	50~1000	0.15~0.5

Super Fast Recovery Rectifiers

1.0A~3.0A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		I _{FAV} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)
MURS1G	SMA	1	400	30	1.25	5	1	400	0.025
MURS1J	SMA	1	600	30	1.25	5	1	600	0.075
MURS1JAFL	DO-221AC	1	600	30	1.4	5	1	600	0.035
MURS1JAL	SMA	1	600	30	1.4	5	1	600	0.035
MURS1JBL	SMB	1	600	35	1.25	5	1	600	0.05
MURS1JPL	SOD-123FL	1	600	30	1.25	5	1	600	0.05
SF11G~SF18G	DO-41	1	50~600	30	0.95~1.7	5	1	50~600	0.035
SF1600	DO-15	1	1600	30	3.4	2.5	1	1600	0.075
SF18GL	DO-41	1	600	35	1.25	5	1	600	0.05
SFM11PL~SFM18PL	SOD-123FL	1	50~600	30	0.95~1.7	5	1	50~600	0.035
UF1A~UF1M	SMB	1	50~1000	30	1.0~1.7	10	1	50~1000	0.05~0.1
UF1Q	SMB	1	1200	30	1.9	5	1	1200	0.075
UF4001GP~UF4007GP	DO-41	1	50~1000	30	1~1.7	5	1	50~1000	0.05~0.075
UF4012GP	DO-41	1	1200	30	1.85	5	1	1200	0.15
UFM11PL~UFM17PL	SOD-123FL	1	50~1000	30	1~1.7	10	1	50~1000	0.035~0.075
UG1A~UG1G	SMA	1	50~400	30	0.92~1.25	5	1	50~400	0.025
UG1APL~UG1JPL	SOD-123FL	1	50~600	30	0.92~1.7	5	1	50~600	0.025~0.035
US1A~US1M	SMA	1	50~1000	30	1~1.7	5	1	50~1000	0.05~0.075
US1AFL~US1MFL	DO-221AC	1	50~1000	30	1~1.7	10	1	50~1000	0.05~0.075
US1ML	SMA	1	1000	30	1.5	5	1	1000	0.12
US1Q	SMA	1	1200	30	1.9	5	1	1200	0.075
ER2A-L~ER2J-L	SMB	2	50~600	50	0.95~1.7	5	2	50~600	0.035
ER2DBFL~ER2KBFL	SMBF	2	200~800	50	0.95~1.85	5	2	200~800	0.035
ES2AFL~ES2KFL	DO-221AC	2	50~800	50	1~1.85	5	2	50~800	0.035
ES2A-L~ES2J-L	SMA	2	50~600	50	0.95~1.7	1	2	50~600	0.035
HER201G~HER208G	DO-15	2	50~1000	60	1.0~1.7	5	2	50~1000	0.05~0.075
HS2K	SMB	2	800	50	1.85	5	2	800	0.035
MUR260GPL	DO-15	2	600	50	1.35	5	2	600	0.05
MURS2D	SMB	2	200	50	0.92	2	2	200	0.025
MURS2DBFL~MURS2JBFL	SMBF	2	200~600	50	0.92~1.25	5	2	200~600	0.025~0.05
MURS2J	SMB	2	600	50	1.25	5	2	600	0.05
MURS2JA	SMA	2	600	50	1.25	5	2	600	0.05
SF21G~SF28G	DO-15	2	50~600	50	0.95~1.7	5	2	50~600	0.035
SF26GS	DO-15	2	400	50	1.3	5	2	400	0.035
UG2DAFL	DO-221AC	2	200	65	0.93	2	2	200	0.025
US2A~US2Q	SMB	2	50~1200	50	1~1.7	5	2	50~1200	0.05~0.1
US2AA~US2MA	SMA	2	50~1000	50	1~1.7	5	2	50~1000	0.05~0.075
US2AFL~US2MFL	DO-221AC	2	50~1000	50	1~1.7	5	1	50~1000	0.05~0.075
US2DBFL~US2MBFL	SMBF	2	200~1000	50	1~1.7	5	2	200~1000	0.05~0.075
ER3A~ER3M	SMC	3	50~1000	100	0.95~1.7	5	3	50~1000	0.035~0.075
ER3AB~ER3MB	SMB	3	50~1000	100	0.95~1.7	5	3	50~1000	0.035~0.075
ER3DBFL~ER3KBFL	SMBF	3	200~800	100	0.95~1.85	5	3	200~800	0.035
ER3JL	SMC	3	600	120	1.25	5	3	600	0.05
HER301G~HER308G	DO-201AD	3	50~1000	125	0.95~1.7	10	3	50~1000	0.05~0.075

Super Fast Recovery Rectifiers

3.0A~8.0A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		I _{FAV} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)
MURS3D	SMC	3	200	100	0.92	5	3	200	0.035
MURS3DBFL~MURS3JBFL	SMBF	3	200~600	100	0.92~1.25	5	3	200~600	0.035~0.05
MURS3G	SMC	3	400	100	1	5	3	400	0.035
MURS3GB	SMB	3	400	100	1	5	3	400	0.035
MURS3JAFL	DO-221AC	3	600	100	1.7	5	3	600	0.035
MURS3JB	SMB	3	600	100	1.25	10	3	600	0.05
SF31G~SF38G	DO-201AD	3	50~600	125	0.95~1.75	5	3	50~600	0.035
SF36GE~SF38GE	DO-201AD	3	400~600	150	1.3~1.7	5	3	400~600	0.035
UF5400GP~UF5408GP	DO-201AD	3	50~1000	100	0.95~1.7	10	3	50~1000	0.05~0.075
UG3AB~UG3GB	SMB	3	50~400	90	0.92~1.25	5	3	50~400	0.025
UG3DAFL	DO-221AC	3	200	85	0.93	2	3	200	0.025
US3DBFL~US3MBFL	SMBF	3	200~1000	100	1.0~1.7	5	3	200~1000	0.05~0.075
MUR405GP~MUR4100GP	DO-201AD	4	50~1000	150	1~1.85	10	4	50~1000	0.025~0.075
MURD420	DPAK	4	200	90	0.84	100	4	200	0.028
MURS480GP	DO-201AD	4	800	125	1.85	5	4	800	0.075
MURS4J	SMC	4	600	125	1.28	5	4	600	0.05
MURS4JBFL	SMBF	4	600	100	1.25	5	4	600	0.05
ER5A~ER5J	SMC	5	50~600	175	1~1.7	10	5	50~600	0.035
HER501GP~HER508GP	DO-201AD	5	50~1000	160	1.0~1.7	5	5	50~1000	0.05~0.075
MURD5120	DPAK	5	1200	80	2.2	5	5	1200	0.065
MURD560	DPAK	5	600	110	1.4	10	5	600	0.035
MURD560C	DPAK	5	600	110	1.4	10	5	600	0.035
MURD560S	DPAK	5	600	50	1.7	5	5	600	0.035
MURS520A	TO-220AC	5	200	70	1	5	5	200	0.035
MURS520FA	ITO-220AC	5	200	70	1	5	5	200	0.035
MURS540A	TO-220AC	5	400	70	1.25	5	5	400	0.035
MURS540FA	ITO-220AC	5	400	70	1.25	5	5	400	0.035
MURS560A	TO-220AC	5	600	70	1.6	5	5	600	0.035
MURS560FA	ITO-220AC	5	600	70	1.6	5	5	600	0.035
MURS5J	SMC	5	600	120	1.25	5	5	600	0.035
MURSD520A	DPAK	5	200	70	1	5	5	200	0.035
MURSD540A	DPAK	5	400	70	1.25	5	5	400	0.035
MURSD560A	DPAK	5	600	70	1.6	5	5	600	0.035
SF51G~SF58G	DO-201AD	5	50~600	150	0.95~1.75	5	5	50~600	0.035
US5A~US5M	SMC	5	50~1000	150	1~1.7	10	5	50~1000	0.05~0.075
HER601GP~HER608GP	R-6	6	50~1000	200	1.1~1.7	10	6	50~1000	0.05~0.075
SF61G~SF68G	DO-201AD	6	50~600	150	0.975~1.7	5	6	50~600	0.035
MUR805~MUR860	TO-220AC	8	50~600	125	0.975~1.5	5	8	50~600	0.035~0.05
MUR810F~MUR860F	ITO-220AC	8	100~1200	125	0.975~2.3	5~10	8	100~1200	0.035~0.09
MUR8120	TO-220AC	8	1200	110	2.3	10	8	1200	0.065
MUR880	TO-220AC	8	800	125	1.9	10	8	800	0.075
MURB820	D2-PAK	8	200	125	0.95	10	8	200	0.04
MURD860	DPAK	8	600	80	3	10	8	600	0.025
MURD880	DPAK	8	800	80	2.4	10	8	800	0.033

Super Fast Recovery Rectifiers

8.0A~10.0A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		I _{FI(AV)} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)
MURS820A	TO-220AC	8	200	100	1	5	8	200	0.035
MURS820FA	ITO-220AC	8	200	100	1	5	8	200	0.035
MURS840A	TO-220AC	8	400	100	1.25	5	8	400	0.035
MURS840FA	ITO-220AC	8	400	100	1.25	5	8	400	0.035
MURS860A	TO-220AC	8	600	100	1.6	5	8	600	0.035
MURS860B	TO-220AC	8	600	70	3.6	10	8	600	0.04
MURS860FA	ITO-220AC	8	600	100	1.6	5	8	600	0.035
MURS860FB	ITO-220AC	8	600	70	3.6	10	8	600	0.04
MURSD820A	DPAK	8	200	100	1	5	8	200	0.035
MURSD840A	DPAK	8	400	100	1.25	5	8	400	0.035
MURSD860A	DPAK	8	600	100	1.6	5	8	600	0.035
MURSD860B	DPAK	8	600	70	3.6	10	8	600	0.04
MURSD860H	DPAK	8	600	150	1.5	10	8	600	0.035
MUR1005~MUR1060	TO-220AC	10	50~600	100	1.3~1.5	5	10	50~600	0.035~0.05
MUR1005FCT~MUR1060FCT	ITO-220AB	10	50~600	80	0.975~1.5	10	5	50~600	0.035~0.05
MUR1010CT~MUR1060CT	TO-220AB	10	100~600	80	0.975~1.7	10	5	100~600	0.035~0.05
MUR10100CT	TO-220AB	10	1000	125	1.7	10	5	1000	0.075
MUR10100A	TO-247AC	10	1000	110	2.4	10	10	1000	0.065
MUR1020F~MUR1060F	ITO-220AC	10	200~600	125	1.15~1.6	5	10	200~600	0.035~0.05
MUR1020CTB	TO-220AB	10	200	120	1.18	10	5	200	0.025
MUR1080CT	TO-220AB	10	800	100	1.85	5	5	800	0.075
MURB1040CT~MURB1060CT	D2-PAK	10	400~600	100	1.3~1.5	10	5	400~600	0.035~0.05
MURB10120C	D2-PAK	10	1200	110	2.4	10	10	1200	0.075
MURD1040C	DPAK	10	400	125	1.5	10	10	400	0.035
MURS1020A	TO-220AC	10	200	120	1	5	10	200	0.035
MURS1020CTA	TO-220AB	10	200	70	1	5	5	200	0.035
MURS1020FA	ITO-220AC	10	200	120	1	5	10	200	0.035
MURS1020FCTA	ITO-220AB	10	200	70	1	5	5	200	0.035
MURS1040A	TO-220AC	10	400	120	1.25	5	10	400	0.035
MURS1040CTA	TO-220AB	10	400	70	1.25	5	5	400	0.035
MURS1040FA	ITO-220AC	10	400	120	1.25	5	10	400	0.035
MURS1040FCTA	ITO-220AB	10	400	70	1.25	5	5	400	0.035
MURS1060A	TO-220AC	10	600	120	1.6	5	10	600	0.035
MURS1060CTA	TO-220AB	10	600	70	1.6	5	5	600	0.035
MURS1060FA	ITO-220AC	10	600	120	1.6	5	10	600	0.035
MURS1060FCTA	ITO-220AB	10	600	70	1.6	5	5	600	0.035
MURS1060FH	ITO-220AC	10	600	180	1.6	10	10	600	0.035
MURS1060FL	ITO-220AC	10	600	100	1.3	5	15	600	0.075
MURS1060L	TO-220AC	10	600	100	1.3	5	15	600	0.075
MURSB1020CTA	D2-PAK	10	200	70	1	5	5	200	0.035
MURSB1040CTA	D2-PAK	10	400	70	1.25	5	5	400	0.035
MURSB1060CTA	D2-PAK	10	600	70	1.6	5	5	600	0.035
MURSD1020A	DPAK	10	200	120	1	5	10	200	0.035
MURSD1020CTA	DPAK	10	200	70	1	5	5	200	0.035

Super Fast Recovery Rectifiers

10.0A~20.0A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		I _{FI(AV)} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)
MURSD1040A	DPAK	10	400	120	1.25	5	10	400	0.035
MURSD1040CTA	DPAK	10	400	70	1.25	5	5	400	0.035
MURSD1060A	DPAK	10	600	120	1.6	5	10	600	0.035
MURSD1060CTA	DPAK	10	600	70	1.6	5	5	600	0.035
SF1040FCT	ITO-220AB	10	400	80	1.3	5	5	400	0.035
MURSD1060L	DPAK	10	600	100	1.3	5	15	600	0.075
MURSB1260	D2-PAK	12	600	110	2.45	10	12	600	0.025
MUR15120	TO-220AC	15	1200	150	2.4	10	15	1200	0.075
MUR15120F	ITO-220AC	15	1200	110	2.7	10	15	1200	0.065
MUR15120L	TO-220AC	15	1200	100	3.2	5	15	1200	0.03
MUR1560HS	TO-220AC	15	600	330	1.5	10	15	600	0.05
MURB15120C	D2-PAK	15	1200	150	2.4	10	15	1200	0.075
MURS1560FA	ITO-220AC	15	600	160	1.6	5	15	600	0.04
MURS1560FB	ITO-220AC	15	600	160	2.8	10	15	600	0.025
MURS1560FL	ITO-220AC	15	600	160	1.5	10	15	600	0.075
MURS1560A	TO-220AC	15	600	160	1.6	5	15	600	0.04
MURS1560B	TO-220AC	15	600	160	2.8	10	15	600	0.025
MURS1560L	TO-220AC	15	600	160	1.5	10	15	600	0.075
MURSB1520	D2-PAK	15	200	200	1.02	10	15	200	0.035
MURSB1560	D2-PAK	15	600	160	2.29	10	15	600	0.025
MURSB1620CTA	D2-PAK	16	200	100	1	5	8	200	0.035
MURSB1640CTA	D2-PAK	16	400	100	1.25	5	8	400	0.035
MURSB1660CTA	D2-PAK	16	600	100	1.6	5	8	600	0.035
MURSD1620CTA	DPAK	16	200	100	1	5	8	200	0.035
MURSD1640CTA	DPAK	16	400	100	1.25	5	8	400	0.035
MURSD1660CTA	DPAK	16	600	100	1.6	5	8	600	0.035
MUR1605FCT~1660FCT	ITO-220AB	16	50~600	120	0.975~1.7	5	8	50~600	0.035~0.05
MURS1620FCTA	ITO-220AB	16	200	100	1	5	8	200	0.035
MURS1640FCTA	ITO-220AB	16	400	100	1.25	5	8	400	0.035
MURS1660FCTA	ITO-220AB	16	600	100	1.6	5	8	600	0.035
MUR1660F	ITO-220AC	16	600	200	1.5	5	16	600	0.05
MUR1605CT~MUR1660CT	TO-220AB	16	50~600	100	0.975~1.7	5	8	50~600	0.035~0.05
MURS1620CT~MURS1660CT	TO-220AB	16	200~600	125	1~1.6	10	8	200~600	0.035
MURS1620CTA	TO-220AB	16	200	100	1	5	8	200	0.035
MURS1640CTA	TO-220AB	16	400	100	1.25	5	8	400	0.035
MURS1660CTA	TO-220AB	16	600	100	1.6	5	8	600	0.035
SF1640CT	TO-220AB	16	400	100	1.3	10	8	1200	0.035
MUR1660	TO-220AC	16	600	200	1.5	5	16	600	0.05
MURB2020C	D2-PAK	20	200	350	1.15	10	20	200	0.035
MURB2060C	D2-PAK	20	600	350	1.6	10	20	600	0.05
MURSB2020CTA	D2-PAK	20	200	120	1	5	10	200	0.035
MURSB2040CTA	D2-PAK	20	400	120	1.25	5	10	400	0.035
MURSB2060CTA	D2-PAK	20	600	120	1.6	5	10	600	0.035
MUR2010FCT~MUR2060FCT	ITO-220AB	20	100~600	125	0.975~1.5	1	10	100~600	0.035~0.05

Super Fast Recovery Rectifiers

20A~75A

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
		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)
MURS2020FCTA	ITO-220AB	20	200	120	1	5	10	200	0.035
MURS2040FCTA	ITO-220AB	20	400	120	1.25	5	10	400	0.035
MURS2060FCTA	ITO-220AB	20	600	120	1.6	5	10	600	0.35
UG2030FCTH	ITO-220AB	20	300	150	1.25	10	10	300	0.025
MURS2060FS	ITO-220AC	20	600	160	1.7	5	20	600	0.04
MUR2010CT~MUR2060CT	TO-220AB	20	100~600	125	0.975~1.5	10	10	100~600	0.035~0.05
MURS2020CTA	TO-220AB	20	200	120	1	5	10	200	0.035
MURS2040CTA	TO-220AB	20	400	120	1.25	5	10	400	0.035
MURS2060CTA	TO-220AB	20	600	120	1.6	5	10	600	0.035
MUR2020PT	TO-247	20	200	125	1	10	10	200	0.03
MUR2030PT	TO-247	20	300	125	1.2	10	10	300	0.03
MUR2040PT	TO-247	20	400	160	1.4	10	10	400	0.035
UGJL2030CTH	TO-262L	20	300	150	1.25	10	10	300	0.025
MURB2540C	D2-PAK	25	400	480	1.35	10	25	400	0.05
MUR3060F	ITO-220AC	30	600	200	1.7	50	30	600	0.05
MURS3060F	ITO-220AC	30	600	200	2	5	30	600	0.035
MURS3060	TO-220AC	30	600	200	1.7	50	30	600	0.05
MUR3030PT	TO-247	30	300	180	1.35	5	15	300	0.035
MUR3040PT	TO-247	30	400	140	1.45	10	15	400	0.045
MUR3060PTH	TO-247	30	600	150	1.6	5	15	600	0.035
MUR30120PT	TO-247	30	1200	100	2.9	10	15	1200	0.055
MUR3060B	TO-247AD	30	600	300	2.3	10	30	600	0.035
MUR3060BS	TO-247AD	30	600	300	1.8	5	30	600	0.045
MUR30120B	TO-247AD	30	1200	300	2.4	10	30	1200	0.075
MUR30120BS	TO-247AD	30	1200	210	3.3	5	30	1200	0.038
MUR6040PTS	TO-247	60	400	300	1.4	5	30	400	0.036
MUR6060PTH	TO-247	60	600	300	1.6	5	30	600	0.112
MUR6040B	TO-247AD	60	400	500	1.7	10	60	400	0.075
MUR6060B	TO-247AD	60	600	600	1.7	10	60	600	0.075
MUR6060BH	TO-247AD	60	600	600	2.4	10	60	600	0.075
MUR6060BS	TO-247AD	60	600	500	2.5	5	60	600	0.035
MUR6065B	TO-247AD	60	650	500	1.9	200	60	650	0.045
MUR60120B	TO-247AD	60	1200	500	3.3	15	60	1200	0.085
MUR60120BS	TO-247AD	60	1200	400	3.3	5	60	1200	0.045
MUR7560B	TO-247AD	75	600	500	2	5	60	600	0.035

Super Fast Recovery Rectifiers

Automotive Grade Products

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
		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)
UG1DPLQ	SOD-123FL	1	200	30	0.92	2	1	200	0.025
SFM14PLHE3-SFM18PLHE3	SOD-123FL	1	200~600	30	1.0~1.7	5	1	200~600	0.035
US1MHE3	SMA	1	1000	30	1.7	5	1	1000	0.075
MURS2DQ	SMB	2	200	50	0.92	2	2	200	0.025
ER2DHE3-L~ER2JHE3-L	SMB	2	200~600	50	0.95~1.7	5	2	200~600	0.035
ES2DHE3-L~ES2JHE3-L	SMA	2	200~600	50	0.95~1.7	5	2	200~600	0.035
US2MAHE3	SMA	2	1000	50	1.7	5	2	1000	0.075
ER3DBHE3-ER3JBHE3	SMB	3	200~600	100	0.95~1.7	5	3	200~600	0.035
ER3DHE3-ER3JHE3	SMC	3	200~600	100	0.95~1.7	5	3	200~600	0.035

Schottky Barrier Rectifiers

1A~3A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
SS1150FL~SS1200FL	DO-221AC	1	150~200	30	0.90~0.92	10	1	150~200	No
SS12FL~SS110FL	DO-221AC	1	20~100	30	0.50~0.85	100	1	20~100	No
1N5817~1N5819	DO-41	1	20~40	25	0.45~0.6	100	1	20~40	No
SR105~SR1010	DO-41	1	50~100	30	0.7~0.85	50~100	1	50~100	No
SR1150	DO-41	1	150	40	0.87	10	1	150	Yes
SR1200	DO-41	1	200	30	0.9	10	1	200	No
SL14A~SL110A	SMA	1	40~100	28	0.4~0.6	100	1	40~100	Yes
SS1150-L~SS1200-L	SMA	1	150~200	30	0.90~0.92	50	1	150~200	No
SS12-L~SS110-L	SMA	1	20~100	30	0.5~0.85	50~100	1	20~100	No
SS13L-L	SMA	1	30	40	0.5	20	1	30	No
SK1150-L~SK1200-L	SMB	1	150~200	30	0.90~0.92	50	1	150~200	No
SK12-L~SK110-L	SMB	1	20~100	30	0.5~0.85	100	1	20~100	No
SL115B	SMB	1	15	50	0.25	500	1	15	No
SL110PL	SOD-123FL	1	100	28	0.6	100	1	100	Yes
SL16PL	SOD-123FL	1	60	28	0.55	100	1	60	Yes
SM5817PL~SM5819PL	SOD-123FL	1	20~40	30	0.45~0.53	50	1	20~40	No
SMD110PL~SMD1200PL	SOD-123FL	1	100~200	30	0.85~0.95	10	1	100~200	No
SMD15PL~SMD18PL	SOD-123FL	1	50~80	30	0.7~0.85	100	1	50~80	No
SMD110PLS	SOD-123TFL	1	100	30	0.85	10	1	100	No
SMD14PE	SOD-323HE	1	40	30	0.52	50	1	40	No
SS110HL	SOD-323HL	1	100	25	0.85	200	1	100	No
SS120HL	SOD-323HL	1	200	25	0.9	10	1	200	No
SS14HL	SOD-323HL	1	40	30	0.55	500	1	40	No
SS16HL	SOD-323HL	1	60	25	0.7	200	1	60	No
SB220L~SB2010L	DO-15	2	20~100	35	0.45~0.7	100	2	20~100	No
SB220~SB2200	DO-15	2	20~200	50	0.5~0.9	10~100	2	20~200	No
SS220FL	DO-221AC	2	200	45	0.9	2	2	200	No
SS22FL~SS210FL	DO-221AC	2	20~100	50	0.55~0.85	100	2	20~100	No
SL24FL~SL210FL	DO-221AC	2	40~100	50	0.47~0.72	100~500	2	40~100	Yes
SR202~SR206	DO-41	2	20~60	50	0.55~0.7	100	2	20~60	No
SR208~SR2010	DO-41	2	80~100	50	0.85	10	2	80~100	No
SK225L	SMA	2	25	50	0.55	500	2	25	No
SS210H-L	SMA	2	100	50	0.85	5	2	100	No
SS22-L~SS220-L	SMA	2	20~200	50	0.55~0.90	100	2	20~200	No
SL24A~SL210A	SMA	2	40~100	50	0.47~0.75	100	2	40~100	Yes
SK22-L~SK220-L	SMB	2	20~200	50	0.50~0.90	10~100	2	20~200	No
SL24B~SL210B	SMB	2	40~100	50	0.47~0.75	100	2	40~100	No
SL24PL~SL210PL	SOD-123FL	2	40~100	50	0.47~0.72	100	2	40~100	Yes
SMD210HPL	SOD-123FL	2	100	50	0.85	5	2	100	No
SMD2150PL~SMD220PL	SOD-123FL	2	150~200	50	0.9	10	2	150~200	No
SMD22PL~SMD210PL	SOD-123FL	2	20~100	50	0.5~0.85	100	2	20~100	No
SMD23PE	SOD-323HE	2	30	30	0.6	50	2	30	Yes
SR3200	DO-201AD	3	200	80	0.9	10	3	200	No
SR302~SR3010	DO-201AD	3	50~100	80	0.50~0.85	100	3	50~100	No

Schottky Barrier Rectifiers

3A~5A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
1N5820~1N5822	DO-201AD	3	20~40	80	0.475~0.525	100	3	20~40	No
SR3150	DO-201AD	3	150	80	0.92	10	3	150	No
SK3200AFL	DO-221AC	3	200	80	0.86	10	3	200	No
SK310AFLH~SK3200AFLH	DO-221AC	3	100~200	70	0.835~0.875	5	3	100~200	No
SK32AFL~SK310AFL	DO-221AC	3	20~100	80	0.5~0.85	100	3	20~100	No
SL34AFL~SL310AFL	DO-221AC	3	40~100	60	0.45~0.6	100	3	40~100	Yes
SK34AL-TPS02	SMA	3	40	90	0.43	100	3	40	Yes
SL345A	SMA	3	45	60	0.45	100	3	45	Yes
SK3150A-L	SMA	3	150	80	0.86	10	3	150	No
SK3200A-L	SMA	3	200	80	0.86	10	3	200	No
SK32A-L~SK310A-L	SMA	3	20~100	80	0.50~0.85	100	3	20~100	No
SL34A~SL310A	SMA	3	40~100	60	0.45~0.60	100	3	40~100	Yes
SK36BH-L	SMB	3	60	100	0.75	100	3	60	No
SK3150B-L	SMB	3	150	80	0.86	10	3	150	No
SK3200B-L	SMB	3	200	100	0.86	2	3	200	No
SK32B-L~SK310B-L	SMB	3	20~100	100	0.50~0.85	100	3	20~100	No
SL34B~SL310B	SMB	3	40~100	60	0.45~0.6	100	3	40~100	Yes
SL34BFL~SL310BFL	SMBF	3	40~100	60	0.45~0.6	100~200	3	40~100	Yes
SK34BFL~SK320BFL	SMBF	3	20~200	70	0.5~0.9	20~200	3	20~200	No
SK310H	SMC	3	100	100	0.78	10	3	100	No
SK3150	SMC	3	150	80	0.86	10	3	150	No
SK3200	SMC	3	200	100	0.86	10	3	200	No
SK32~SK310	SMC	3	20~100	80	0.5~0.85	100	3	20~100	No
SMD32PL~SMD320PL	SOD-123FL	3	20~200	80	0.5~0.9	100	3	20~200	No
SL32PL	SOD-123FL	3	20	80	0.45	200	3	20	No
SMD34HE1~SMD320HE1	SOD-123HE1	3	40~200	80	0.52~0.85	10~50	3	40~200	No
MBR3U200	TO-277	3	200	240	0.85	50	3	200	No
SK42BL~SK44BL	SMB	4	20~40	100	0.45	100	4	20~40	Yes
SK4200L	SMC	4	200	100	0.86	10	4	200	No
SK42L~SK44L	SMC	4	20~40	150	0.45	100	4	20~40	No
SR545L	DO-201AD	5	45	120	0.43	200	5	45	Yes
SR506L	DO-201AD	5	60	120	0.49	100	5	60	Yes
SR506HL	DO-201AD	5	60	220	0.62	100	5	60	No
SR5010L	DO-201AD	5	100	80	0.7	100	5	100	No
SR5010H	DO-201AD	5	100	150	0.8	20	5	100	No
SR5010HL	DO-201AD	5	100	200	0.78	20	5	100	No
SR5150~SR5200	DO-201AD	5	150~200	150	0.9~0.92	10	5	150~200	No
SR5150H~SR5200H	DO-201AD	5	150~200	150	0.85~0.90	0.5	5	150~200	No
SR5150L~SR5200L	DO-201AD	5	150~200	150	0.8	10	5	150~200	Yes
SR502~SR5010	DO-201AD	5	20~100	150	0.55~0.85	100	5	20~100	No
SK52AFL~SK5200AFL	DO-221AC	5	20~200	100	0.55~0.9	10~100	5	20~200	No
SL54AFL~SL510AFL	DO-221AC	5	40~100	100	0.45~0.7	100	5	40~100	Yes
MBRD5100	DPAK	5	100	80	0.72	3	5	100	No
MBRD5100C	DPAK	5	100	140	0.76	10	5	100	No

Schottky Barrier Rectifiers

5A~10A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBRD5100HL	PAK	5	100	100	0.73	3.5	5	100	No
MBRD5200	PAK	5	200	130	0.86	5	5	200	No
MBRD5200CT	PAK	5	200	140	0.84	5	2.5	200	No
MBR545F	ITO-220AC	5	45	80	0.55	100	5	45	No
SK5150A-L~SK5200A-L	SMA	5	150~200	100	0.9	10	5	150~200	No
SK52A-L~SK510A-L	SMA	5	20~100	100	0.55~0.85	100	5	20~100	No
SK510BH-L	SMB	5	100	100	0.85	5	5	100	No
SK52B-L~SK520B-L	SMB	5	20~200	100	0.55~0.9	50~100	5	20~200	No
SL54B~SL510B	SMB	5	40~100	100	0.45~0.65	100	5	40~100	Yes
SL545BFL	SMBF	5	45	120	0.43	250	5	45	No
SK510BFL	SMBF	5	100	120	0.85	5	5	100	No
SK520BFL	SMBF	5	200	100	0.9	10	5	200	No
SK54BFL	SMBF	5	40	100	0.6	100	5	40	No
SK56BFL	SMBF	5	60	100	0.7	100	5	60	No
SL56BFL	SMBF	5	60	120	0.5	500	5	60	Yes
SK5150L~SK5200L	SMC	5	150~200	150	0.87~0.90	10	5	150~200	No
SK52L~SK510L	SMC	5	20~100	100	0.55~0.85	100	5	20~100	No
SL54~SL510	SMC	5	40~100	100	0.45~0.7	100	5	40~100	Yes
MBR545	TO-220AC	5	45	150	0.6	10	5	45	No
MBR5200HL	TO-220AC	5	200	150	0.85	10	5	200	No
MBR5U100	TO-277	5	100	120	0.54	100	5	100	No
MBR5U100H	TO-277	5	100	240	0.8	10	5	100	No
MBR5U45	TO-277	5	45	130	0.47	200	5	45	No
MBR5U60	TO-277	5	60	150	0.55	100	5	60	No
SK62L~SK610L	SMC	6	20~100	150	0.65~0.85	100	6	20~100	No
MBR720~MBR760	TO-220AC	7.5	20~60	150	0.75~0.84	50~100	7.5~15	20~60	No
MBRB8100H	D2-PAK	8	100	300	0.7	10	8	100	Yes
SR802~SR810	DO-201AD	8	20~100	150	0.65~0.85	100	8	20~100	No
MBRD845C	PAK	8	45	150	0.51	100	8	45	No
SK82L~SK810L	SMC	8	20~100	200	0.65~0.8	100	8	20~100	No
MBR870~MBR8100	TO-220AC	8	70~100	125	0.85	100	8	70~100	No
MBR8U45	TO-277	8	45	150	0.47	200	8	45	No
MBR8U60A	TO-277	8	60	150	0.53	200	8	60	No
MBR8U60	TO-277	8	60	200	0.5	200	8	60	No
MBRB10100CT	D2-PAK	10	100	150	0.85	10	5	100	No
MBRB10150CT	D2-PAK	10	150	120	0.92	10	5	150	No
MBRB10200CTS	D2-PAK	10	200	120	0.93	10	5	200	No
MBRB10200CT	D2-PAK	10	200	150	0.9	10	5	200	No
MBRB1020~MBRB10200	D2-PAK	10	20~200	150	0.6~0.95	100	10	20~200	No
MBRB1030CT~MBRB1060CT	D2-PAK	10	30~60	125	0.55	100	5	30~60	No
MBRB1060CTH~MBRB10200CTH	D2-PAK	10	60~200	150	0.72~0.9	50	5	60~200	No
SR10100L	DO-201AD	10	100	150	0.75	200	10	100	Yes
SR1060L	DO-201AD	10	60	150	0.48	200	10	60	Yes
MBRD1045C	PAK	10	45	150	0.51	100	10	45	No

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10A~15A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBRD10100	PAK	10	100	180	0.73	50	10	100	No
MBRD10100CTS~MBRD10200CTS	PAK	10	100~200	100	0.83~0.93	10	5	100~200	No
MBRD10100CTH~MBRD10200CTH	PAK	10	100~200	120	0.8~0.9	10	5	100~200	No
MBRD10150CT~MBRD10200CT	PAK	10	150~200	100	0.92	10	5	150~200	No
MBRD1045CT~MBRD1060CT	PAK	10	45~60	150	0.75~0.85	10	5	45~60	No
MBRL1060FCT	ITO-220AB	10	60	100	0.6	100	5	60	Yes
MBR10150FCT	ITO-220AB	10	150	120	0.92	10	5	150	No
MBR10200FCT	ITO-220AB	10	200	125	0.92	100	5	200	No
MBRL10100FCT	ITO-220AB	10	100	120	0.72	100	5	100	Yes
MBR10100FCTH~MBR10200FCTH	ITO-220AB	10	100~200	120	0.8~0.9	10	5	100~200	No
MBR1020FCT~MBR10100FCT	ITO-220AB	10	20~100	120	0.7~0.85	100	5	20~100	No
MBR1060FCTS	ITO-220AB	10	60	100	0.75	200	5	60	No
MBR10200FH	ITO-220AC	10	200	150	0.85	10	5	200	No
MBR1020F~MBR10100F	ITO-220AC	10	20~100	150	0.55~0.85	100	10	20~100	No
SR1045	R-6	10	45	275	0.55	100	10	45	No
SK1010H-L	SMC	10	100	150	0.82	10	10	100	No
SK1045-L	SMC	10	45	250	0.55	200	10	45	No
MBRL1060CT	TO-220AB	10	60	100	0.6	100	5	60	Yes
MBRL1060CTA	TO-220AB	10	60	150	0.52	100	5	60	Yes
MBR10150CT	TO-220AB	10	150	120	0.92	10	5	150	No
MBR10200CT	TO-220AB	10	200	150	0.95	10	10	200	No
MBR10100CT	TO-220AB	10	100	120	0.85	100	5	100	No
MBR1080CT	TO-220AB	10	80	120	0.85	100	5	80	No
MBR10100CTH~MBR10200CTH	TO-220AB	10	100~200	120	0.8~0.9	10	5	100~200	No
MBR1020CT~MBR1060CT	TO-220AB	10	20~60	125	0.7~0.8	100	5	20~60	No
MBR1080CT~MBR10100CT	TO-220AB	10	80~100	120	0.85	100	5	80~100	No
MBR10150	TO-220AC	10	150	150	0.9	100	10	150	No
MBR1020~MBR10100	TO-220AC	10	20~100	150	0.65~0.84	100	10	20~100	No
MBR10U45L	TO-277	10	45	275	0.47	500	10	50	Yes
MBR10U60	TO-277	10	60	275	0.5	350	10	60	No
MBR10U100H	TO-277	10	100	240	0.85	10	10	100	No
MBR10U150	TO-277	10	150	200	0.79	100	10	150	No
MBR10U200	TO-277	10	200	240	0.82	5	10	200	No
SB12100	DO-201AD	12	100	250	0.85	500	12	100	No
MBRD1220CT~MBRD1245CT	PAK	12	20~45	150	0.47	100	6	20~45	No
MBRD1260CT~MBRD12100CT	PAK	12	60~100	150	0.7~0.85	50	6	60~100	No
MBR12U100L	TO-277	12	100	180	0.6	500	12	100	Yes
MBRB1545	D2-PAK	15	45	250	0.52	150	15	45	No
MBRD1520~MBRD15100	PAK	15	20~100	150	0.63~0.84	100	15	20~100	No
MBR1545FA	ITO-220AC	15	45	250	0.6	200	15	45	No
15SQ045	R-6	15	45	275	0.48	100	15	45	No
MBRL1535~MBRL1545	TO-220AC	15	35~45	250	0.52	150	15	35~45	No
MBR15U45	TO-277	15	45	275	0.47	500	15	45	No
MBR15U60	TO-277	15	60	300	0.5	500	15	50	No

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15A~20A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBR15U100L	TO-277	15	100	200	0.69	200	15	100	No
MBR15U100	TO-277	15	100	275	0.85	100	15	100	No
MBR15U150	TO-277	15	150	250	0.84	100	15	150	No
MBRB1620CT~MBRB1660CT	D2-PAK	16	20~60	150	0.7~0.8	100	8	20~60	No
MBR1620FCT~MBR16100FCT	ITO-220AB	16	20~100	150	0.55~0.85	200	8	20~100	No
MBR16100CT	TO-220AB	16	100	125	0.85	100	8	100	No
MBR1620CT~MBR1660CT	TO-220AB	16	20~60	125	0.7~0.8	100	8	20~60	No
MBR1645	TO-220AC	16	45	150	0.63	500	16	45	No
MBRBL2045CT	D2-PAK	20	45	180	0.55	100	10	45	Yes
MBRBL2045C	D2-PAK	20	45	300	0.53	100	20	45	Yes
MBRBL20100CT	D2-PAK	20	100	150	0.72	100	10	100	Yes
MBRBL20U100CT	D2-PAK	20	100	250	0.65	100	10	100	Yes
MBRB20150CT	D2-PAK	20	150	130	0.9	10	10	150	No
MBRBL20150CT	D2-PAK	20	150	160	0.84	50	10	150	Yes
MBRB20200CTHS	D2-PAK	20	200	130	0.95	10	10	200	No
MBRB20200CT	D2-PAK	20	200	150	0.95	10	10	200	No
MBRBL20200CT	D2-PAK	20	200	150	0.88	50	5	200	Yes
MBRB20300CT	D2-PAK	20	300	200	0.975	50	10	300	No
MBRB20100CTH~MBRB20200CTH	D2-PAK	20	100~200	150	0.8~0.9	10	10	100~200	No
MBRB2020CT~MBRB20100CT	D2-PAK	20	20~100	150	0.84~0.95	100	20	20~100	No
MBRD2060CT	DPAK	20	60	125	0.75	200	10	60	No
MBRDL2060CT	DPAK	20	60	125	0.6	100	10	60	Yes
MBRD20100	DPAK	20	100	200	0.76	50	20	100	No
MBRDL20100CT	DPAK	20	100	250	0.72	100	10	100	Yes
MBRD20100CTH~MBRD20200CTH	DPAK	20	100~200	130	0.85~0.9	10	10	100~200	No
MBR2045FCTS	ITO-220AB	20	45	150	0.65	200	10	45	No
MBRL2045FCT	ITO-220AB	20	45	150	0.52	200	10	45	Yes
MBRL2060FCT	ITO-220AB	20	60	150	0.6	100	10	60	Yes
MBR20100FCTS	ITO-220AB	20	100	130	0.91	10	20	100	No
MBRL20U100FCT	ITO-220AB	20	100	250	0.65	100	10	100	Yes
MBR20150FCT	ITO-220AB	20	150	150	0.92	25	10	150	No
MBR20200FCT	ITO-220AB	20	200	150	0.95	50	10	200	No
MBRL20200FCT	ITO-220AB	20	200	160	0.88	50	10	200	Yes
MBR20300FCT	ITO-220AB	20	300	200	0.975	50	10	300	No
MBRL20100FCT~MBRL20150FCT	ITO-220AB	20	100~150	200	0.72~0.9	100	10	100~150	Yes
MBR20100FCTH~MBR20200FCTH	ITO-220AB	20	100~200	150	0.82~0.9	10	10	100~200	No
MBR2020FCT~MBR20100FCT	ITO-220AB	20	20~100	150	0.7~0.85	50~100	10	20~100	No
MBRL2045CT	TO-220AB	20	45	150	0.52	200	10	45	Yes
MBRL2060CT	TO-220AB	20	60	150	0.6	100	10	60	Yes
MBRL20U60CT	TO-220AB	20	60	150	0.56	120	10	60	Yes
MBR20100CTB	TO-220AB	20	100	150	0.95	10	20	100	No
MBRL20100CT	TO-220AB	20	100	200	0.7	100	10	100	Yes
MBRL20U100CT	TO-220AB	20	100	250	0.65	100	10	100	Yes
MBRL20120CT	TO-220AB	20	120	200	0.85	100	10	120	Yes

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20A~30A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBR20150CT	TO-220AB	20	150	150	0.92	10	10	150	No
MBRL20150CT	TO-220AB	20	150	200	0.85	10	10	150	Yes
MBR20200CT	TO-220AB	20	200	150	0.95	10	10	200	No
MBR20200CTS	TO-220AB	20	200	150	0.95	10	10	200	No
MBRL20200CT	TO-220AB	20	200	160	0.88	10	10	200	Yes
MBR20300CT	TO-220AB	20	300	200	0.975	50	10	300	No
MBR20100CTH~MBR20200CTH	TO-220AB	20	100~200	150	0.82~0.9	10	10	100~200	No
MBR2020CT~MBR20100CT	TO-220AB	20	20~100	150	0.84~0.95	100	20	20~100	No
MBR20150PT	TO-247	20	150	135	0.88	10	10	150	No
MBR40200PTH	TO-247	20	200	40	0.9	50	40	200	No
MBR20200PT	TO-247	20	200	250	0.9	10	10	200	No
MBR20U100L	TO-277	20	100	300	0.7	100	20	100	Yes
MBR20U45	TO-277	20	45	300	0.5	500	20	45	No
MBR2520CT~MBR2560CT	TO-220AB	25	20~60	150	0.65~0.75	200	12.5	20~60	No
MBRB2520CT~MBRB2560CT	D2-PAK	30	20~60	150	0.75~0.82	200	15~30	20~60	No
MBR2535FCT~MBR2560FCT	ITO-220AB	30	35~60	150	0.65~0.75	200	12.5	35~60	No
MBRBL3045CT	D2-PAK	30	45	200	0.53	200	15	45	Yes
MBRBL3060CT	D2-PAK	30	60	240	0.63	100	15	60	Yes
MBRBL30100CT	D2-PAK	30	100	200	0.72	100	15	100	No
MBRB30100CT	D2-PAK	30	100	250	0.85	10	15	100	No
MBRBL30U100CT	D2-PAK	30	100	320	0.64	100	15	100	Yes
MBRBL30120	D2-PAK	30	120	320	0.88	50	30	120	Yes
MBRB30150CT	D2-PAK	30	150	200	0.9	20	15	150	No
MBRBL30150CT	D2-PAK	30	150	220	0.84	100	15	150	Yes
MBRBL30200CT	D2-PAK	30	200	220	0.88	100	15	200	Yes
MBRB30100CTH~MBRB30200CTH	D2-PAK	30	100~200	250	0.8~0.9	10	15	100~200	No
MBRB3030CT~MBRB3060CT	D2-PAK	30	30~60	250	0.55~0.72	100	15	30~60	No
MBRL30P100	DFN5060	30	100	250	0.85	100	30	100	No
MBR3045FCTS	ITO-220AB	30	45	200	0.65	200	15	45	No
MBRL3045FCT	ITO-220AB	30	45	250	0.55	100	15	45	Yes
MBRL3060FCT	ITO-220AB	30	60	200	0.6	100	15	60	Yes
MBRL30100FCT	ITO-220AB	30	100	200	0.72	100	15	100	Yes
MBRL30U100FCT	ITO-220AB	30	100	320	0.64	100	15	100	Yes
MBRL30150FCT	ITO-220AB	30	150	220	0.84	100	15	150	Yes
MBR30150FCT	ITO-220AB	30	150	260	0.9	5	15	150	No
MBR30200FCT	ITO-220AB	30	200	200	1.05	100	30	200	No
MBR30200FCTH	ITO-220AB	30	200	250	1	10	30	200	No
MBRL30200FCT	ITO-220AB	30	200	250	0.85	50	15	200	Yes
MBR30100FCTH~MBR30150FCTH	ITO-220AB	30	100~150	250	0.85	10	15	100~150	No
MBR3020FCT~MBR30100FCT	ITO-220AB	30	20~100	250	0.6~0.85	100	15	20~100	No
30SQ045	R-6	30	45	275	0.52	100	30	45	No
MBRL3045CT	TO-220AB	30	45	250	0.53	200	15	45	Yes
MBRL3060CT	TO-220AB	30	60	240	0.62	100	15	60	Yes
MBRL30100CT	TO-220AB	30	100	200	0.72	100	15	100	Yes

Schottky Barrier Rectifiers

30A~60A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBR30100CT	TO-220AB	30	100	250	0.85	10	15	100	No
MBRL30U100CT	TO-220AB	30	100	320	0.64	100	15	100	Yes
MBRL30120CT	TO-220AB	30	120	250	0.88	100	15	120	Yes
MBR30150CT	TO-220AB	30	150	200	0.9	10	15	150	No
MBRL30150CT	TO-220AB	30	150	220	0.84	100	15	150	Yes
MBR30200CT	TO-220AB	30	200	200	0.95	100	15	200	No
MBR30200CTH	TO-220AB	30	200	250	1	10	30	200	No
MBRL30200CT	TO-220AB	30	200	250	0.88	100	15	200	No
MBR30300CTH	TO-220AB	30	300	250	1.3	10	15	300	No
MBR30100CTH~MBR30150CTH	TO-220AB	30	100~150	250	0.85	10	15	100~150	No
MBR3030CT~MBR3060CT	TO-220AB	30	30~60	200	0.84~0.95	100	30	30~60	No
MBR30150	TO-220AC	30	150	300	0.88	10	30	150	No
MBR3045PT	TO-247	30	45	275	0.55	100	15	45	No
MBR30100PT	TO-247	30	100	300	0.8	50	15	100	No
MBR30150PT	TO-247	30	150	275	0.87	10	15	150	No
MBR30200PTS	TO-247	30	200	250	0.9	10	15	200	No
MBRBL40U60CT	D2-PAK	40	60	300	0.53	200	20	60	Yes
MBRB40100CTH	D2-PAK	40	100	300	0.85	10	20	100	No
MBRBL40100CT	D2-PAK	40	100	300	0.71	80	20	100	Yes
MBRBL40120CT	D2-PAK	40	120	300	0.82	100	20	120	Yes
MBRB40200CT	D2-PAK	40	200	450	0.9	10	20	200	No
MBRB40200CTH	D2-PAK	40	200	300	0.9	100	20	200	No
MBRB40250C	D2-PAK	40	250	450	1	10	40	250	No
MBRL40100FCT	ITO-220AB	40	100	300	0.71	80	20	100	Yes
MBRL40120FCT	ITO-220AB	40	120	320	0.85	100	20	120	Yes
MBRL40U60CT	TO-220AB	40	60	300	0.56	200	20	60	Yes
MBR40100CTH	TO-220AB	40	100	250	0.85	10	20	100	No
MBRL40100CT	TO-220AB	40	100	300	0.71	80	20	100	Yes
MBRL40U100CT	TO-220AB	40	100	300	0.71	100	20	100	Yes
MBRL40120CT	TO-220AB	40	120	320	0.85	100	20	120	Yes
MBRL40150CT	TO-220AB	40	150	250	0.88	50	20	150	Yes
MBR40150CT	TO-220AB	40	150	300	0.85	100	20	150	No
MBR40200CT	TO-220AB	40	200	450	0.9	10	20	200	No
MBRL40300CT	TO-220AB	40	300	200	0.95	10	20	300	Yes
MBR40300CTH	TO-220AB	40	300	430	1.3	10	20	300	No
MBR40100PT	TO-247	40	100	400	0.8	50	20	100	No
MBR40100PTH	TO-247	40	100	400	0.83	10	20	100	No
MBR4045PT	TO-247	40	45	250	0.61	100	20	45	No
MBR4060PT	TO-247	40	60	400	0.72	200	20	60	No
MBR40250C	TO-220AB	40	250	450	1	10	40	250	No
MBRB60250CT	D2-PAK	60	250	350	0.95	10	30	250	No
MBR60200CT	TO-220AB	60	200	450	0.9	20	30	200	No
MBRL60100CT	TO-220AB	60	100	320	0.79	200	30	100	Yes
MBR60150PT	TO-247	60	150	400	0.9	10	30	150	No
MBR60200PT	TO-247	60	200	450	0.9	20	30	200	No

Schottky Barrier Rectifiers

Automotive Grade Products

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
SS1150HE3-L~SS1200HE3-L	SMA	1	150~200	30	0.9~0.92	10	1	150~200	No
SS12HE3-L~SS110HE3-L	SMA	1	20~100	50	0.5~0.85	50~100	1	20~100	No
SM5817PLHE3~SM5819PLHE3	SOD-123FL	1	20~40	30	0.45~0.53	50	1	20~40	No
SMD110PLHE3~SMD1200PLHE3	SOD-123FL	1	100~200	30	0.85~0.95	10	1	100~200	No
SMD1150PLHE3~SMD1200PLHE3	SOD-123FL	1	150~200	30	0.85~0.95	10	1	150~200	No
SMD15PLHE3~SMD18PLHE3	SOD-123FL	1	50~80	30	0.7~0.85	100	1	50~80	No
SS22HE3-L~SS210HE3-L	SMA	2	20~100	50	0.55~0.85	100	2	20~100	No
SS220HE3-L	SMA	2	200	75	0.9	5	2	200	No
SK22HE3-L~SK210HE3-L	SMB	2	20~100	50	0.5~0.85	50~100	2	20~100	No
SK220HE3-L	SMB	2	200	75	0.9	5	2	200	No
SMD22PLHE3~SMD210PLHE3	SOD-123FL	2	20~100	50	0.5~0.85	100	2	20~100	No
SMD220PLHE3	SOD-123FL	2	200	50	0.9	5	2	200	No
SK3150AHE3-L~SK3200AHE3-L	SMA	3	150~200	70	0.9	10	3	150~200	No
SK34AHE3-L~SK310AHE3-L	SMA	3	40~100	80	0.5~0.85	100	3	40~100	No
SK3150BHE3-L	SMB	3	150	80	0.86	10	3	150	No
SK3200BHE3-L	SMB	3	200	100	0.86	2	3	200	No
SK32BHE3-L~SK310BHE3-L	SMB	3	20~100	100	0.5~0.85	100	3	20~100	No
SK3200HE3	SMC	3	200	80	0.9	1	3	200	No
SK32HE3~SK310HE3	SMC	3	20~100	100	0.5~0.85	100	3	20~100	No
SK5200AHE3-L	SMA	5	200	120	0.9	1	5	200	No
SK52AHE3-L~SK510AHE3-L	SMA	5	20~100	100	0.55~0.85	100	5	20~100	No
SK52BHE3-L~SK510BHE3-L	SMB	5	20~100	100	0.55~0.85	50~100	5	20~100	No
SK520BHE3-L	SMB	5	200	120	0.9	10	5	200	No
SK5150LHE3~SK5200LHE3	SMC	5	150~200	150	0.87~0.9	10	5	150~200	No
SK52LHE3~SK510LHE3	SMC	5	20~100	100	0.55~0.85	100	5	20~100	No
MBR5U100HHE3	TO-277	5	100	240	0.8	10	5	100	No
MBR5U60SHE3	TO-277	5	60	200	0.65	100	5	60	No
SK82LHE3~SK810LHE3	SMC	8	20~100	200	0.65~0.8	100	8	20~100	No
SK820LHE3	SMC	8	200	150	0.9	10	8	200	No
MBRD1045CTQ	DPAK	10	45	120	0.58	100	5	45	No
MBR10U100HHE3	TO-277	10	100	240	0.85	10	10	100	No
MBR10U200HE3	TO-277	10	200	200	0.85	100	10	200	No
MBR15U45HE3	TO-277	15	45	300	0.54	100	15	45	No
MBR15U60HE3	TO-277	15	60	300	0.68	100	15	60	No
MBR15U100Q	TO-277	15	100	300	0.88	10	15	100	No
MBRB3045CTQ	D2-PAK	30	45	200	0.65	100	15	45	No

Small Signal Schottky Diodes

15mA~200mA

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
SD101AW/BW/CW	SOD-123	0.015	40~60	2	0.39~0.41	0.2	0.001	30~50	No
SD101AWS/BWS/CWS	SOD-323	0.015	40~60	2	0.39~0.41	0.2	0.001	30~50	No
RB751S-40DP	0201	0.03	40	0.2	0.37	0.5	0.001	30	No
RB751S-40L2	DFN1006-2L	0.03	40	0.15	0.37	0.5	0.001	30	No
RB751V-40	SOD-323	0.03	40	0.2	0.37	0.5	0.001	30	No
RB751S-40	SOD-523	0.03	40	0.5	0.37	0.5	0.001	30	No
RB706F-40	SOT-323	0.03	40	0.2	0.37	1	0.001	10	No
RB715F	SOT-323	0.03	40	0.2	0.37	1	0.001	10	No
RB717F	SOT-323	0.03	40	0.2	0.37	1	0.001	10	No
RB715W	SOT-523	0.03	40	0.2	0.37	1	0.001	10	No
BAS70L2	DFN1006-2L	0.07	70	0.1	0.41	0.2	0.001	50	No
BAS70WX	SOD-323	0.07	70	0.1	1	0.1	0.015	50	No
BAS70X	SOD-523	0.07	70	100	1	0.1	0.015	50	No
BAS70/-04/-05/-06	SOT-23	0.07	70	0.1	1	0.01	0.015	50	No
BAS70WT/-04/-05/-06	SOT-323	0.07	70	-	1	0.1	0.015	50	No
BAS70TW/DW-04/DW-05/DW-06/BRW	SOT-363	0.07	70	0.1	1	0.1	0.015	50	No
BAS70T/-04T/-05T/-06T	SOT-523	0.07	70	0.1	1	0.1	0.015	50	No
RB520S-30DP	0201	0.1	30	0.5	0.56	20	0.1	30	No
RB521S-30DP	0201	0.1	30	0.5	0.53	50	0.1	30	No
RB520S-30L2	DFN1006-2L	0.1	30	0.5	0.45	0.5	0.01	10	No
RB521S-30L2	DFN1006-2L	0.1	30	1	0.35	10	0.01	10	No
RB500V-40	SOD-323	0.1	40	1	0.45	1	0.01	10	No
RB501V-40	SOD-323	0.1	40	1	0.34	30	0.01	10	No
SD107WS	SOD-323	0.1	30	0.75	0.55	1	0.05	25	No
RB520CS-30	SOD-923	0.1	30	0.5	0.45	0.5	0.01	10	No
RB521CS-30	SOD-923	0.1	30	0.5	0.35	50	0.01	30	No
BAT46W	SOD-123	0.15	100	0.75	1	5	0.25	75	No
BAT46WS	SOD-323	0.15	100	0.75	1	0.5	0.25	10	No
BAS40L2	DFN1006-2L	0.2	40	0.6	0.38	0.2	0.001	30	No
BAT54L2	DFN1006-2L	0.2	30	0.6	0.5	2	0.03	25	No
BAT42W	SOD-123	0.2	30	4	1	0.5	0.2	25	No
BAT43W	SOD-123	0.2	30	4	0.45	0.5	0.015	25	No
BAT54W	SOD-123	0.2	30	0.6	1	2	0.1	25	No
BAS40WX	SOD-323	0.2	40	0.6	1	0.2	0.04	30	No
BAT42WS	SOD-323	0.2	30	4	1	0.5	0.2	25	No
BAT43WS	SOD-323	0.2	30	4	0.45	0.5	0.015	25	No
BAT54WS	SOD-323	0.2	30	0.6	1	2	0.1	25	No
BAS40X	SOD-523	0.2	40	0.6	1	0.2	0.04	30	No
BAT43X	SOD-523	0.2	30	4	1	0.5	0.2	25	No
BAT54WX	SOD-523	0.2	30	0.6	0.8	2	0.1	25	No
RB520S-30	SOD-523	0.2	30	1	0.6	1	0.2	10	No
RB520S-40	SOD-523	0.2	40	1	0.55	1	0.1	10	No
RB521S-30	SOD-523	0.2	30	1	0.5	30	0.2	10	No
RB521S-40	SOD-523	0.2	40	1	0.54	90	0.2	40	No

Small Signal Schottky Diodes

200mA~1A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
BAR43/A/C/S	SOT-23	0.2	30	-	0.33	0.5	0.002	25	No
BAS40/-04/-05/-06	SOT-23	0.2	40	0.6	1	0.01	0.04	30	No
BAT54/A/C/S	SOT-23	0.2	30	0.6	0.4	2	0.01	25	No
BAS40WT/-04/-05/-06	SOT-323	0.2	40	-	1	1	0.04	30	No
BAT54WT/AWT/CWT/SWT	SOT-323	0.2	30	0.6	0.8	2	0.1	25	No
BAS40TW/DW-04/DW-05/DW-06/BRW	SOT-363	0.2	40	-	1	0.2	0.04	30	No
BAT54TW/DW/CDW/ADW/SDW/BRW	SOT-363	0.2	30	0.6	1	2	0.1	25	No
BAS40T/-04T/-05T/-06T	SOT-523	0.2	40	-	1	0.2	0.04	30	No
BAT54T/AT/CT/ST	SOT-523	0.2	30	0.6	1	2	0.1	25	No
BAS40V	SOT-563	0.2	40	-	1	0.2	0.04	30	No
BAT54V	SOT-563	0.2	30	-	1	2	0.04	25	Yes
BAT54CM	SOT-723	0.2	30	0.6	1	2	0.1	25	No
BAT54M	SOT-723	0.2	30	0.6	0.4	2	0.01	25	No
BAT64-04/-05/-06	SOT-23	0.25	40	0.8	0.43	2	0.01	25	No
BAT64-04W/-05W/-06W	SOT-323	0.25	40	0.8	0.52	2	0.03	30	No
BAT54H/AH/CH/SH	SOT-23	0.3	40	1.25	0.9	1	0.1	30	No
BAT54WSH	SOD-323	0.3	40	1.25	0.9	1	0.1	30	No
SD103AW/BW/CW	SOD-123	0.35	20~40	1.5	0.37	5	0.02	10~30	No
SD103AWS/BWS/CWS	SOD-323	0.35	20~40	1.5	0.37	5	0.02	10~30	No
SD103AWSL~SD103CWSL	SOD-323FL	0.35	20~40	2	0.37	5	0.02	10~30	No
SD103AX	SOD-523	0.35	40	1	0.6	5	0.2	30	No
SD103ATW	SOT-363	0.35	40	1	0.37	5	0.02	30	No
RB495DS	SOT-23	0.4	40	2	0.5	70	0.2	25	No
MBR0530L2	DFN1006-2	0.5	30	3	0.54	500	0.5	30	No
B05100W	SOD-123	0.5	100	5.5	0.85	1	0.5	100	No
B0540W	SOD-123	0.5	40	5.5	0.55	80	0.5	40	No
MBR0520~MBR0580	SOD-123	0.5	20~80	5.5	0.45~0.80	100	0.5	20~80	No
MBR0520L~MBR0540L	SOD-123	0.5	20~40	5.5	0.385~0.51	20~250	0.5	20~40	Yes
B05100WS	SOD-323	0.5	100	5.5	0.85	1	0.5	100	No
B0530WS	SOD-323	0.5	30	5	0.55	300	0.5	30	No
B0540WS	SOD-323	0.5	40	5	0.55	80	0.5	40	No
B0560WS	SOD-323	0.5	60	5	0.7	100	0.5	60	No
MBRX0520L	SOD-323	0.5	20	5.5	0.39	250	0.5	20	No
RB551V-30	SOD-323	0.5	30	2	0.47	100	0.5	20	No
RB551V-30S	SOD-323	0.5	30	2	0.47	100	0.5	20	No
RB551V-40	SOD-323	0.5	40	2	0.47	100	0.5	40	No
BAT720	SOT-23	0.5	40	2	0.55	100	0.5	35	No
RB400DS	SOT-23	0.5	40	3	0.55	50	0.5	30	No
BAT720WT	SOT-323	0.5	40	2	0.55	100	0.5	35	Yes
RB461F	SOT-323	0.7	20		0.49	200	0.7	20	Yes
BAT750	SOT-23	0.75	40	5.5	0.45	60	0.75	30	No
BAT165WS	SOD-323	0.75	40	10	0.74	8	0.75	40	No
SM5819L2	DFN1006-2	1	40	10	0.6	60	1	40	No
B5817W~B5819W	SOD-123	1	20~40	10	0.45~0.60	40~200	1	20~40	No

Small Signal Schottky Diodes

1.0A~3.0A

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
MBRX120LF	SOD-123	1	20	12	0.2	260	0.1	5	No
B5817WS~B5819WS	SOD-323	1	20~40	10	0.45~0.60	40~200	1	20~40	No
B5818LWS	SOD-323	1	30	10	0.45	200	1	30	No
BSR106WS	SOD-323	1	60	10	0.7	100	1	60	No
B5819WSL	SOD-323FL	1	40	10	0.6	50	1	40	No
B5817X2	SOD-523	1	40	4	0.6	30	1	20	No
BAT60B	SOD-323	3	10	5	0.3	15	0.01	5	No

Automotive Grade Products

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Low VF
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	
SD101AWHE3/BWHE3/CWHE3	SOD-123	0.015	40~60	2	0.39~0.41	0.2	0.001	30~50	No
SD101AWSHE3~SD101CWSHE3	SOD-323	0.015	40~60	2	0.39~0.41	0.2	0.001	30~50	No
RB751V-40HE3	SOD-323	0.03	40	0.2	0.37	0.5	0.001	30	No
BAS70HE3/-04HE3/-05HE3/-06HE3	SOT-23	0.07	70	0.1	1	0.01	0.015	70	No
BAT46WHE3	SOD-123	0.15	100	0.75	1	2	0.25	75	No
BAT54WHE3	SOD-123	0.2	30	0.6	1	2	0.1	30	No
BAT54WSHE3	SOD-323	0.2	30	0.6	1	2	0.1	30	No
RB520S-30HE3	SOD-523	0.2	30	1	0.6	1	0.2	10	No
RB521S-30HE3	SOD-523	0.2	30	1	0.5	30	0.2	10	No
RB521S-40HE3	SOD-523	0.2	40	1	0.59	90	0.2	40	No
BAS40HE3/-04HE3/-05HE3/-06HE3	SOT-23	0.2	40	0.6	1	0.01	0.04	30	No
BAT54HE3/AHE3/CHE3/SHE3	SOT-23	0.2	30	0.6	0.4	2	0.01	30	No
BAT54WTHE3/AWTHE3/CWTHE3/SWTHE3	SOT-323	0.2	30	0.6	0.8	2	0.1	25	No
RB520S-40HE3	SOD-523	0.25	40	1	0.55	1	0.1	10	No
SD103AWHE3/BWHE3/CWHE3	SOD-123	0.35	20~40	1.5	0.37	5	0.02	20~40	No
SD103AWSHE3/BWSHE3/CWSHE3	SOD-323	0.35	20~40	1.5	0.37	5	0.02	20~40	No
B0540WHE3	SOD-123	0.5	40	5.5	0.55	80	0.5	40	No
B0530WSHE3	SOD-323	0.5	30	5	0.55	300	0.5	30	No
B0540WSHE3	SOD-323	0.5	40	5	0.55	80	0.5	40	No
RB551V-30HE3	SOD-323	0.5	30	2	0.47	100	0.5	20	No
B5817WHE3~B5819WHE3	SOD-123	1	20~40	10	0.45~0.60	40~200	1	20~40	No
B5817WSHE3~B5819WSHE3	SOD-323	1	20~40	10	0.45~0.60	40~200	1	20~40	No

Switching Diodes

75mA~200mA

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	Internal structure
		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)	
BAS16T	SOT-523	0.075	85	4	1	2	0.05	75	0.004	Fig.1
BAV70T	SOT-523	0.075	85	4	1	2	0.05	75	0.004	Fig.5
BAV99T	SOT-523	0.075	85	4	1	2	0.05	75	0.004	Fig.6
BAW56T	SOT-523	0.075	85	4	1	2	0.05	75	0.004	Fig.4
DA204U	SOT-323	0.1	20		1	0.1	0.01	15		Fig.6
1SS357	SOD-323	0.1	45	1	0.36	5	0.01	40		Fig.7
BAL99	SOT-23	0.1	70		0.715	2.5	0.001	70	0.006	Fig.3
BAS16W	SOD-123	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
BAS16WX	SOD-323	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
1SS181	SOT-23	0.1	80	2	1.2	0.5	0.1	80	0.004	Fig.4
1SS187	SOT-23	0.1	80	2	0.92	0.5	0.1	80	0.004	Fig.2
1SS193	SOT-23	0.1	80		1.2	0.5	0.1	80	0.004	Fig.1
1SS226	SOT-23	0.1	80	0.3	0.715	0.5	0.001	80	0.004	Fig.6
DAN202	SOT-23	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.5
DAN202L	SOT-23-3L	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.5
DAN202U	SOT-323	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.5
DAN222	SOT-523	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.5
DAP202	SOT-23	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.4
DAP202L	SOT-23-3L	0.1	80	4	1.2	0.1	0.1	70	0.004	Fig.4
DAP202U	SOT-323	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.4
DAP222	SOT-523	0.1	80	0.3	1.2	0.1	0.1	70	0.004	Fig.4
1SS355	SOD-323	0.1	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
1SS400	SOD-523	0.1	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
BAS16WXH	SOD-323	0.1	100	1	1.25	1	0.15	75	0.006	Fig.7
BAS16TW	SOT-363	0.15	75		1	1	0.05	75	0.004	Fig.9
BAS16WT	SOT-323	0.15	75	2	1	1	0.05	75	0.004	Fig.1
BAV70WT	SOT-323	0.15	75	2	1	2.5	0.05	75	0.004	Fig.5
BAV756DW	SOT-363	0.15	75	2	1.25	2.5	0.15	75	0.004	Fig.14
BAV99BRW	SOT-363	0.15	75	1	0.855	2.5	0.01	75	0.004	Fig.13
BAV99DW	SOT-363	0.15	75	2	0.855	2.5	0.01	75	0.004	Fig.12
BAW56DW	SOT-363	0.15	75	2	1	2.5	0.05	75	0.004	Fig.11
BAW56WT	SOT-323	0.15	75	2	1	2.5	0.05	75	0.004	Fig.4
MMBD4148TW	SOT-363	0.15	75		1	1	0.05	75	0.004	Fig.9
MMBD4148WT	SOT-323	0.15	75	2	1	1	0.05	75	0.004	Fig.1
1SS355L	SOD-323FL	0.15	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
1N4148W	SOD-123	0.15	100	1	0.715	50	0.001	75	0.004	Fig.7
1N4148WL2	DFN1006-2L	0.15	100	4	1	5	0.05	75	0.004	Fig.7
1N4148WX	SOD-323	0.15	100	2	1	1	0.05	75	0.004	Fig.7
1N4148WXL	SOD-323FL	0.15	100	2	1	1	0.05	75	0.004	Fig.7
1N4148X	SOD-523	0.15	100	2	1.25	1	0.15	75	0.004	Fig.7
BAV99WT	SOT-323	0.15	100	2	1	2.5	0.05	75	0.004	Fig.6
BAV199DW	SOT-363	0.16	85		1	0.005	0.01	75	3	Fig.12
BAV199WT	SOT-323	0.16	85	4	1	0.005	0.01	85	3	Fig.6
BAV74	SOT-23	0.2	50		1	0.1	0.1	50	0.004	Fig.5

Switching Diodes

200mA~225mA

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	Internal structure
		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)	
BAS116	SOT-23	0.2	75		1	0.005	0.01	75	3	Fig.1
BAS16V	SOT-563	0.2	75		1	1	0.05	75	0.004	Fig.8
BAS16X	SOD-523	0.2	75	0.5	1	1	0.05	75	0.006	Fig.7
BAS716	SOD-523	0.2	75	1	1	0.005	0.01	75	3	Fig.7
BAV70M	SOT-723	0.2	75	2	1.25	2.5	0.15	75	0.004	Fig.5
MMSD914	SOD-123	0.2	75	2	1	2.5	0.01	75	0.004	Fig.7
BAS19WT	SOT-323	0.2	100		1	0.1	0.1	100	0.05	Fig.1
MMBD4148	SOT-23	0.2	100	1	0.855	0.025	0.01	20	0.004	Fig.1
MMBD4148CA	SOT-23	0.2	100	1	1	0.025	0.05	20	0.004	Fig.4
MMBD4148CC	SOT-23	0.2	100	1	1	0.025	0.05	20	0.004	Fig.5
MMBD4148SE	SOT-23	0.2	100	1	1	0.025	0.05	20	0.004	Fig.6
MMBD7000	SOT-23	0.2	100	0.5	0.82	1	0.01	50	0.004	Fig.6
MMBD914	SOT-23	0.2	100	1	0.855	0.025	0.01	20	0.004	Fig.1
MMDL914	SOD-323	0.2	100	0.5	1	0.025	0.01	20	0.004	Fig.7
BAS19	SOT-23	0.2	120	9	1.25	0.1	0.225	120	0.05	Fig.1
BAV19WS	SOD-323	0.2	120	9	1.25	0.1	0.2	100	0.05	Fig.7
BAS20WT	SOT-323	0.2	150		1	0.1	0.1	150	0.05	Fig.1
BAS20	SOT-23	0.2	200	9	1.25	0.1	0.225	200	0.05	Fig.1
BAS21WT	SOT-323	0.2	200		1	0.1	0.1	200	0.05	Fig.1
BAV20WS	SOD-323	0.2	200	9	1.25	0.1	0.2	150	0.05	Fig.7
BAS21	SOT-23	0.2	250	9	1.25	0.1	0.225	250	0.05	Fig.1
BAS21A	SOT-23	0.2	250	2.5	1.1	1	0.1	200	0.05	Fig.4
BAS21C	SOT-23	0.2	250	2.5	1.1	1	0.1	200	0.05	Fig.5
BAS21S	SOT-23	0.2	250	2.5	1.1	1	0.1	200	0.05	Fig.6
BAS21T	SOT-523	0.2	250	9	1	0.1	0.1	250	0.05	Fig.1
BAS21WS	SOD-323	0.2	250	0.625	1.25	0.1	0.2	200	0.05	Fig.7
BAS21X	SOD-523	0.2	250	9	1.25	0.1	0.2	200	0.05	Fig.7
BAV21WS	SOD-323	0.2	250	9	1.25	0.1	0.2	200	0.05	Fig.7
BAV199	SOT-23	0.215	70		1.25	0.005	0.15	75	3	Fig.6
BAS116L2B	DFN1006-2L	0.215	85	4	1.25	0.005	0.15	75	3	Fig.7
BAS28	SOT-143	0.215	85	4	1	1	0.05	75	0.004	Fig.18
BAV170	SOT-23	0.215	85	4	0.9	0.005	0.001	75	3	Fig.5
BAS16	SOT-23	0.215	100	1	1.25	1	0.1	75	0.004	Fig.1
BAV70	SOT-23	0.215	100	1	0.855	1	0.01	75	0.004	Fig.5
BAV99	SOT-23	0.215	100	1	0.855	2.5	0.01	75	0.004	Fig.6
BAV116W	SOD-123	0.215	130	1	1.25	0.005	0.15	75	3	Fig.7
BAV316	SOD-323	0.215	130	2	1.1	0.005	0.15	75	3	Fig.7
BAV23A	SOT-23	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.4
BAV23C	SOT-23	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.5
BAV23S	SOT-23	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.6
BAV3004W	SOD-123	0.225	300	4	1	0.1	0.1	240	0.05	Fig.7
BAV3004X	SOD-523	0.225	300	4	1.25	0.1	0.2	240	0.05	Fig.7
MMBD2004S	SOT-23	0.225	300	1	1	0.1	0.1	240	0.05	Fig.6
MMBD2004SWT	SOT-323	0.225	300	1	1	0.1	0.1	240	0.05	Fig.6

Switching Diodes

225mA~600mA

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	Internal structure
		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)	
BAV3004WS	SOD-323	0.225	350	4	1.25	0.1	0.2	240	0.05	Fig.7
MMBD3004S	SOT-23	0.225	350	4	1	0.1	0.1	240	0.05	Fig.6
MMBD4448DW	SOT-363	0.25	75	4	1	2.5	0.05	75	0.004	Fig.8
MMBD4448HADW	SOT-363	0.25	80	4	1	0.1	0.05	70	0.004	Fig.11
MMBD4448HAQW	SOT-363	0.25	80	4	1	0.1	0.05	70	0.004	Fig.15
MMBD4448HCDW	SOT-363	0.25	80	4	1	0.1	0.05	70	0.004	Fig.10
MMBD4448HCQW	SOT-363	0.25	80	4	1	0.1	0.05	70	0.004	Fig.16
MMBD4448HSDW	SOT-363	0.25	80	4	1	0.1	0.05	70	0.004	Fig.12
MMBD4448HTW	SOT-363	0.25	80	4	1	0.1	0.05	70	0.004	Fig.9
MMBD4448V	SOT-563	0.25	80	4	1	0.1	0.1	70	0.004	Fig.8
1N4448W	SOD-123	0.25	100	2	1	0.025	0.1	20	0.004	Fig.7
1N4448WX	SOD-323	0.25	100	2	1	1	0.1	75	0.004	Fig.7
1N4448X	SOD-523	0.25	100	2	1	2.5	0.1	75	0.004	Fig.7
BAS316	SOD-323	0.25	100	4	0.715	1	0.001	75	0.004	Fig.7
BA5516	SOD-523	0.25	100	1	0.715	0.03	0.001	25	0.004	Fig.7
BAW56	SOT-23	0.25	100	1	0.855	0.5	0.01	100	0.004	Fig.4
MMBD4448	SOT-23	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.1
MMBD4448HT	SOT-523	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.1
MMBD4448HTA	SOT-523	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.4
MMBD4448HTC	SOT-523	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.5
MMBD4448HTS	SOT-523	0.25	100	2	0.72	0.025	0.005	20	0.004	Fig.6
MMBD4448WT	SOT-323	0.25	100	4	0.72	0.025	0.005	20	0.004	Fig.1
BAV19W	SOD-123	0.25	120	1	1	0.1	0.1	100	0.05	Fig.7
BAV20W	SOD-123	0.25	200	1	1	0.1	0.1	150	0.05	Fig.7
BAV21W	SOD-123	0.25	250	1	1	0.1	0.1	200	0.05	Fig.7
BAV70DW	SOT-363	0.3	75	2	1	2.5	0.05	75	0.004	Fig.10
DAN217	SOT-23	0.3	80	1	1.2	0.1	0.1	70	0.004	Fig.6
DAN217U	SOT-323	0.3	80	1	1.2	0.2	0.1	70	0.004	Fig.6
MMBD1501	SOT-23	0.6	180	1	1.5	5	0.3	180		Fig.1
MMBD1503	SOT-23	0.6	180	1	1.5	5	0.3	180		Fig.6
MMBD1504	SOT-23	0.6	180	1	1.5	5	0.3	180		Fig.5
MMBD1505	SOT-23	0.6	180	1	1.5	5	0.3	180		Fig.4

Switching Diodes

RF Switching Diodes

Automotive Grade Products

100mA

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	Internal structure
		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)	
BAS16WHE3	SOD-123	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
BAS16WXHE3	SOD-323	0.1	75	1	1.25	1	0.15	75	0.006	Fig.7
BAS16WTHE3	SOT-323	0.15	75	2	1	1	0.05	75	0.004	Fig.1
BAW56WTHE3	SOT-323	0.15	75	2	1	2.5	0.05	75	0.004	Fig.4
MMBD4148WTHE3	SOT-323	0.15	75	2	1	1	0.05	75	0.004	Fig.1
1SS355HE3	SOD-323	0.15	90	0.5	1.2	0.1	0.1	80	0.004	Fig.7
1N4148WHE3	SOD-123	0.15	100	1	0.715	50	0.001	75	0.004	Fig.7
1N4148WXHE3	SOD-323	0.15	100	2	1	1	0.05	75	0.004	Fig.7
1N4148XHE3	SOD-523	0.15	100	2	1.25	1	0.15	75	0.004	Fig.7
BAV70WTHE3	SOT-323	0.15	100	1	1.25	2	0.15	75	0.004	Fig.5
BAV99WTHE3	SOT-323	0.15	100	2	1	2.5	0.05	75	0.004	Fig.6
BAV199WTHE3	SOT-323	0.16	85	4	1	0.005	0.01	85	3	Fig.6
BAS19WTHE3	SOT-323	0.2	100		1	0.1	0.1	100	0.05	Fig.1
MMBD4148HE3	SOT-23	0.2	100	1	0.855	0.025	0.1	20	0.004	Fig.1
BAS19HE3	SOT-23	0.2	120	9	1.25	0.1	0.225	120	0.05	Fig.1
BAV19WSHE3	SOD-323	0.2	120	9	1.25	0.1	0.2	100	0.05	Fig.7
BAS20WTHE3	SOT-323	0.2	150		1	0.1	0.1	150	0.05	Fig.1
BAS20HE3	SOT-23	0.2	200	9	1.25	0.1	0.225	200	0.05	Fig.1
BAS21WTHE3	SOT-323	0.2	200		1	0.1	0.1	200	0.05	Fig.1
BAV20WSHE3	SOD-323	0.2	200	9	1.25	0.1	0.2	150	0.05	Fig.7
BAS21HE3	SOT-23	0.2	250	9	1.25	0.1	0.225	250	0.05	Fig.1
BAV21WSHE3	SOD-323	0.2	250	9	1.25	0.1	0.2	200	0.05	Fig.7
BAV199HE3	SOT-23	0.215	85		1.25	0.005	0.15	75	3	Fig.6
BAS16HE3	SOT-23	0.215	100	1	1.25	1	0.1	75	0.004	Fig.1
BAV70HE3	SOT-23	0.215	100	1	0.855	1	0.01	75	0.004	Fig.5
BAV99HE3	SOT-23	0.215	100	1	0.855	2.5	0.01	75	0.004	Fig.6
BAV23AHE3	SOT-23	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.4
BAV23CHE3	SOT-23	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.5
BAV23SHE3	SOT-23	0.225	200	9	1.25	0.1	0.2	250	0.05	Fig.6
1N4448WXHE3	SOD-323	0.25	75	2	1	2.5	0.1	75	0.004	Fig.7
BAW56HE3	SOT-23	0.25	75	1	0.855	2.5	0.01	75	0.004	Fig.4
1N4448WHE3	SOD-123	0.25	100	2	1	0.025	0.1	20	0.004	Fig.7
BAS316HE3	SOD-323	0.25	100	4	0.715	1	0.001	75	0.004	Fig.7
BAS516HE3	SOD-523	0.25	100	0.5	0.715	0.03	0.001	25	0.004	Fig.7
BAV19WHE3	SOD-123	0.25	120	1	1	0.1	0.1	100	0.05	Fig.7
BAV20WHE3	SOD-123	0.25	200	1	1	0.1	0.1	150	0.05	Fig.7
BAV21WHE3	SOD-123	0.25	250	1	1	0.1	0.1	200	0.05	Fig.7

Part Number	Package	Power Rating	Forward Current	Reverse Voltage	Diode Capacitance	Diode Forward Resistance
		P ₀ (mW)	I _{F(AV)} (A)	V _R (V)	C ₀ (pF)	R _D (Ω)
KI592	SOD-323	0.5	0.1	50	2.0	0.7