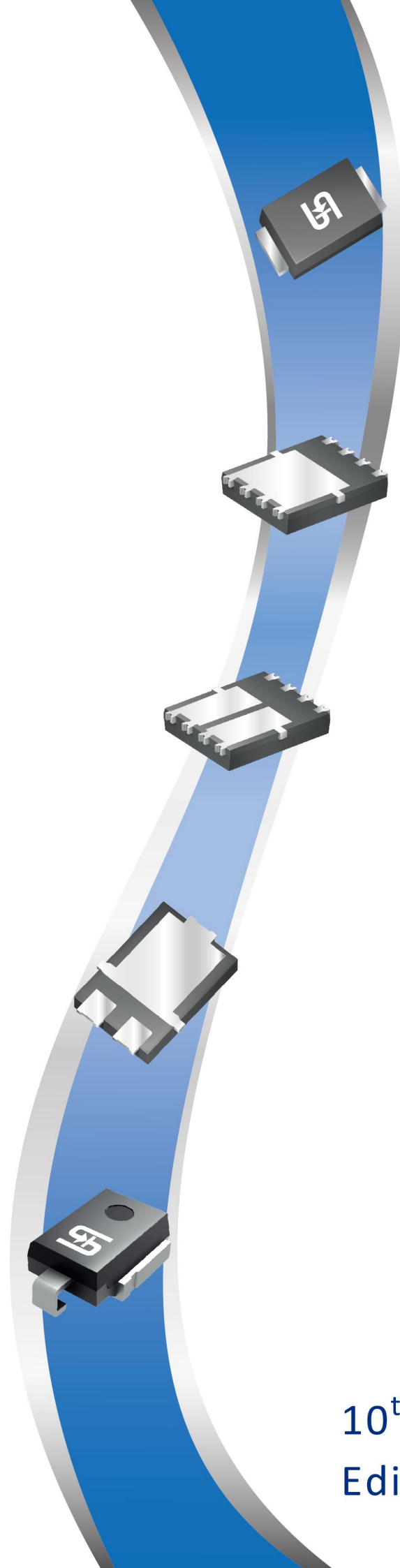


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BRIDGES - STANDARD

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	I _{F (AV)} (A)	V _{RRM} (V)	I _{FSM} (A)	V _F (V)	I _R (μA)	T _J Max. (°C)	Package Description
MBS2~MBS10 ★	0.8	200-1,000	35	1	5	150	MBS
ABS2~ABS10 ★	1	200-1,000	30	0.95	10	150	ABS
DBL101G~DBL107G ★	1	50-1,000	30-40	1.1	2	150	DBL
DBLS101G~DBLS107G ★	1	50-1,000	30-40	1.1	2	150	DBLS
ABS15J~ABS15M ★	1.5	600-1,000	40	1	5	150	ABS
DBL151G~DBL159G ★	1.5	50-1,400	50	1.1-1.25	2	150	DBL
DBLS151G~DBLS159G ★	1.5	50-1,400	50	1.1-1.25	2	150	DBLS
ABS20M ★	2	1,000	50	1.10	5	150	ABS
D2SB05~D2SB80 ★	2	50-800	80	1.1	10	150	GBL
DBL201G~DBL209G ★	2	50-1,400	50	1.15-1.3	2	150	DBL
DBLS201G~DBLS209G ★	2	50-1,400	50	1.15-1.3	2	150	DBLS
GBL201~GBL207 ★	2	50-1,000	60	1	5	150	GBL
GBL005~GBL10 ★	4	50-1,000	150	1.1	5	150	GBL
GBLA005~GBLA10 ★	4	50-1,000	120	1	5	150	GBL
GBU401~GBU407 ★	4	50-1,000	150	1.1	5	150	GBU
TS4K40~TS4K100 ★	4	400-1,000	120	1.1	10	150	TS4K
GBU601~GBU607 ★	6	50-1,000	175	1.1	5	150	GBU
TS6K40~TS6K100 ★	6	400-1,000	150	1.1	5	150	TS4K
TS6KL60~TS6KL100 ★	6	600-1,000	150	1.05	5	150	KBJL
TS6P01G~TS6P07G ★	6	50-1,000	150	1.1	10	150	TS-6P
GBU801~GBU807 ★	8	50-1,000	200	1.1	5	150	GBU
TS8P01G~TS8P07G ★	8	50-1,000	200	1.1	10	150	TS-6P
GBU1001~GBU1007 ★	10	50-1,000	220	1.1	5	150	GBU
TS10K40~TS10K100 ★	10	400-1,000	150	1.1	10	150	TS4K
TS10KL60~TS10KL100 ★	10	600-1,000	180	1	5	150	KBJL
TS10P01G~TS10P07G ★	10	50-1,000	200	1.1	10	150	TS-6P
GBU15L05~GBU15L06 ★	15	600-800	200	0.9-0.96	5	150	GBU
TS15P01G~TS15P07G ★	15	50-1,000	240	1.1	10	150	TS-6P
TS15PL05G~TS15PL06G ★	15	600-800	200	0.9-0.93	5	150	TS-6P
TS20P01G~TS20P07G ★	20	50-1,000	250	1.1	10	150	TS-6P
TS25P01G~TS25P07G ★	25	50-1,000	350	1.1	10	150	TS-6P
TS25PL05G~TS25PL06G ★	25	600-800	300	0.92-0.95	10	150	TS-6P
TS35P05G~TS35P07G ★	35	600-1,000	350	1.1	10	150	TS-6P
TS40P05G~TS40P07G ★	40	600-1,000	400	1.1	10	150	TS-6P
TS50P05G~TS50P07G ★	50	600-1,000	400	1.1	10	150	TS-6P
MBS6-K~MBS10-K	0.8	600-1,000	35	1	5	150	MBS
ABS4-K~ABS10-K	1	400-1,000	30	0.95	10	150	ABS
ABS6-T~ABS10-T	1	600-1,000	30	0.95	10	150	ABS
DBL104G-T~DBL107G-T	1	400-1,000	30-40	1.1	2	150	DBL
DBLS104G-T~DBLS107G-T	1	400-1000	30-40	1.1	2	150	DBLS
ABS15LJ	1.5	600	60	0.95	5	150	ABS
DBLS154G-T~DBLS157G-T	1.5	400-1,000	50	1.1	2	150	DBLS
DBL154G-T~DBL157G-T	1.5	400-1,000	50	1.1	2	150	DBL
ABS20M-T	2	1,000	50	1.10	5	150	ABS
UR2KB60~UR2KB100	2	600-1,000	62	1.05	10	150	D3K
DBLS204G-T~DBLS207G-T	2	400-1,000	50	1.15	2	150	DBLS

BRIDGES - STANDARD

Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_j Max.	Package Description
	(A)	(V)	(A)	(V)	(μ A)	(°C)	
DBL204G-T~DBL207G-T	2	400-1,000	50	1.15	2	150	DBL
KBPF204G~KBPF207G	2	400-1,000	60	1.1	5	150	KBPF
YBS2204G~YBS2207G	2.2	400-1,000	90	0.97	5	150	YBS
UR3KB60~UR3KB100	3	600-1,000	90	1	10	150	D3K
KBPF304G~KBPF307G	3	400-1,000	80	1.1	5	150	KBPF
YBS3004G~YBS3007G	3	400-1,000	110	1.1	5	150	YBS
GBU404-K~GBU407-K	4	400-1,000	150	1.1	5	150	GBU
KBL401G~KBL407G	4	50-1,000	150	1.1	10	150	KBL
KBU401G~KBU407G	4	50-1,000	150	1.1	5	150	KBU
UR4KB60-B~UR4KB100-B	4	600-1,000	135	1	10	150	D3K
KBPF404G~KBPF407G	4	400-1,000	120	1.1	5	150	KBPF
TS4K40-A~TS4K80-A	4	400-800	120	1	10	150	TS4K
TBS406~TBS410	4	600-1,000	110	1	2	150	TBS
GBU604-K~GBU607-K	6	400-1,000	175	1.1	5	150	GBU
KBL601G~KBL607G	6	50-1,000	175	1.1	10	150	KBL
KBU601G~KBU607G	6	50-1,000	175	1.1	5	150	KBU
TS6P01G-K~TS6P07G-K	6	50-1,000	150	1.1	10	150	TS-6P
TS6K40-T~TS6K80-T	6	400-800	150	1	10	150	TS4K
TBS606~TBS610	6	600-1,000	150	1	2	150	TBS
GBU804-K~GBU807-K	8	400-1,000	200	1.1	5	150	GBU
KBU801G~KBU807G	8	50-1,000	200	1.1	5	150	KBU
UR8KB60~UR8KB100	8	600-1,000	170	1.2	10	150	D3K
TBS806~TBS810	8	600-1,000	200	1.05	5	150	TBS
KBU1001G~KBU1007G	10	50-1,000	200	1.1	5	150	KBU
TS10P01G-K~TS10P07G-K	10	50-1,000	200	1.1	10	150	TS-6P
TS10K40-A~TS10K80-A	10	400-800	150	1	10	150	TS4K
T10JA05G-K~T10JA07G-K	10	600-1,000	144	1.1	5	150	TS-6PL
GBU1005-K~GBU1007-K	10	600-1,000	200	1.1	5	150	GBU
GBPC15005~GBPC1510	15	50-1,000	300	1.1	5	150	GBPC
GBPC15005M~GBPC1510M	15	50-1,000	300	1.1	5	150	GBPC-M
GBPC15005W~GBPC1510W	15	50-1,000	300	1.1	5	150	GBPC-W
TS15P05G-K~TS15P07G-K	15	600-1,000	240	1	10	150	TS-6P
T15JA05G-K~T15JA07G-K	15	600-1,000	208	1.1	5	150	TS-6PL
GBU1505~GBU1507	15	600-1,000	220	1.1	5	150	GBU
GBPC25005~GBPC2510	25	50-1,000	300	1.1	5	150	GBPC
GBPC25005M~GBPC2510M	25	50-1,000	300	1.1	5	150	GBPC-M
GBPC25005W~GBPC2510W	25	50-1,000	300	1.1	5	150	GBPC-W
TS25P05G-K~TS25P07G-K	25	600-1,000	350	1.1	10	150	TS-6P
GBU2504~GBU2507	25	400-1,000	300	1.2	10	150	GBU
T25JA05G-K~T25JA07G-K	25	600-1,000	312	1.15	5	150	TS-6PL
GBPC35005~GBPC3510	35	50-1,000	400	1.1	5	150	GBPC
GBPC35005M~GBPC3510M	35	50-1,000	400	1.1	5	150	GBPC-M
GBPC35005W~GBPC3510W	35	50-1,000	400	1.1	5	150	GBPC-W
GBPC40005~GBPC4010	40	50-1,000	400	1.1	10	150	GBPC40
GBPC40005M~GBPC4010M	40	50-1,000	400	1.1	10	150	GBPC40-M
GBPC50005~GBPC5010	50	50-1,000	400	1.1	10	150	GBPC40
GBPC50005M~GBPC5010M	50	50-1,000	400	1.1	10	150	GBPC40-M

BRIDGES - FAST ($t_{rr} = 150...500ns$)

($T_A=25^\circ C$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	t_{rr}	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(ns)	(A)	(V)	(A)	(V)	(μA)	($^\circ C$)	
RMB2S~RMB6S ★	150	0.8	200-600	30	1	5	150	MBS
RDBLS207G ★	300	2	1,000	50	1.15	2	150	DBLS
RABS15M ★	500	1.5	1,000	50	1.30	1	150	ABS-L
RABS20M	300	2	1,000	50	1.3	5	150	ABS
RYBS30M	300	3	1,000	90	1.3	5	150	YBS
RTBS40M	300	4	1,000	110	1.3	5	150	TBS
RTBS60M	500	6	1000	140	-	5	150	TBS

BRIDGES - HIGH EFFICIENT ($t_{rr} = 50...75ns$)

($T_A=25^\circ C$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	t_{rr}	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(ns)	(A)	(V)	(A)	(V)	(μA)	($^\circ C$)	
HDBL101G~HDBL107G ★	50	1	50-1,000	50	1-1.7	5	150	DBL
HDBLS101G~HDBLS107G ★	50-75	1	50-1,000	50	1-1.7	5	150	DBLS

BRIDGES - SUPER FAST ($t_{rr} = 35ns$)

($T_A=25^\circ C$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	t_{rr}	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(ns)	(A)	(V)	(A)	(V)	(μA)	($^\circ C$)	
EABS1D~EABS1J ★	35	1	200-600	40	0.95-1.7	1	150	ABS

BRIDGES - SCHOTTKY

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	I _{F (AV)}	V _{RRM}	I _{FSM}	V _F	I _R	T _J Max.	Package Description
	(A)	(V)	(A)	(V)	(μA)	(°C)	
SBS24~SBS26 ★	2	40-60	50	0.5-0.7	50-100	150	ABS
SBS34~SBS36 ★	3	40-60	80	0.5-0.7	500	125-150	ABS

DIODES - STANDARD

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	I _{F (AV)}	V _{RRM}	I _{FSM}	V _F	I _R	T _J Max.	Package Description
	(A)	(V)	(A)	(V)	(μA)	(°C)	
SDLWH~SMLWH ★	0.8	200-1,000	20	1.1	1	150	SOD-123W
1N4001G~1N4007G ★	1	50-1,000	30	1	5	150	DO-204AL (DO-41)
1N4005SG ★	1	600	30	1	5	150	A-405
1T1G~1T7G ★	1	50-1,000	30	1-1.1	5	150	TS-1
S1AH~S1MH ★	1	50-1,000	30-40	1.1	1	175	DO-214AC (SMA)
S1ABH~S1MBH ★	1	50-1,000	30	1.1	5	150	DO-214AA (SMB)
S1DALH~S1MALH ★	1	200-1,000	30	1.1	1	150	Thin SMA
S1DFSH~S1MFSH ★	1	200-1,000	30	1.1	1	150	SOD-128
S1DLWH~S1MLWH ★	1	200-1,000	30	1.1	1	175	SOD-123W
S1GMH~S1JMH ★	1	400-600	20	1.1	1	175	Micro SMA
S1DLSH~S1MLSH ★	1.2	200~1,000	50	1.3	5	175	SOD-123HE
1N5391G~1N5399G ★	1.5	50-1,000	50	1-1.1	5	150	DO-204AC (DO-15)
S15DLWH~S15MLWH ★	1.5	200-1,000	50	1.1	1	175	SOD-123W
S2AAH~S2MAH ★	1.5	50-1,000	50	1.1	5	150	DO-214AC (SMA)
2A01G~2A07G ★	2	50-1,000	70	1-1.1	5	150	DO-204AC (DO-15)
S2AH~S2VH ★	2	50-1,400	50	1.15	1	150	DO-214AA (SMB)
S2DALH~S2MALH ★	2	200-1,000	50	1.1	1	150	Thin SMA
S2DFSH~S2MFSH ★	2	200-1,000	50	1.1	1	150	SOD-128
1N5400G~1N5408G ★	3	50-1,000	125	1-1.1	5	150	DO-201AD
3A60~3A100 ★	3	600-1,000	120	1.1	5	150	DO-204AC (DO-15)
S3AH~S3MH ★	3	50-1,000	100	1.15	10	150	DO-214AB (SMC)
S3ABH~S3MBH ★	3	50-1,000	80	1.15	10	150	DO-214AA (SMB)
TUAS3DH~TUAS3MH ★	3	200-1,000	100	1.1	5	150	TO-277A (SMPC4.6U)
S4AH~S4MH ★	4	50-1,000	100	1.15	10	150	DO-214AB (SMC)
TUAS4DH~TUAS4MH ★	4	200-1,000	120	1.1	5	150	TO-277A (SMPC4.6U)
S5AH~S5MH ★	5	50,1,000	100	1.15	10	150	DO-214AB (SMC)
S5GBH~S5MBH ★	5	400-1,000	200	1.1	10	150	DO-214AA (SMB)
6A05G~6A100G ★	6	50-1,000	250	1-1.1	10	150	R-6
TUAS6DH~TUAS6MH ★	6	200-1000	140	1.1	5	150	TO-277A (SMPC4.6U)
GPA801~GPA807 ★	8	50-1,000	150	1.1	5	150	TO-220AC

DIODES - STANDARD

Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(A)	(V)	(A)	(V)	(μ A)	(°C)	
S8GCH~S8MCH ★	8	400-1,000	200	0.985	10	150	DO-214AB (SMC)
TUAS8DH~TUAS8MH ★	8	200-1,000	230	1.1	5	150	TO-277A (SMPC4.6U)
GP1001~GP1007 ★	10	50-1,000	125	1.1	5	150	TO-220AB
S10GCH~S10MCH ★	10	400-1,000	250	1.1	1	150	DO-214AB (SMC)
S12GCH~S12MCH ★	12	400-1,000	300	1.1	1	150	DO-214AB (SMC)
S15GCH~S15MCH ★	15	400-1,000	350	1.1	1	150	DO-214AB (SMC)
GP1601~GP1607 ★	16	50-1,000	150	1.1	10	150	TO-220AB
P2500M ★	25	1,000	650	0.87	5	175	P2500
SDLW~SMLW	0.8	200-1,000	20	1.1	1	150	SOD-123W
1N4001G-K~1N4007G-K	1	50-1,000	30	1	5	150	DO-204AL (DO-41)
1T1G-K~1T7G-K	1	50-1,000	30	1-1.1	5	150	TS-1
S1A~S1M	1	50-1,000	30-40	1.1	1	175	DO-214AC (SMA)
S1AB~S1MB	1	50-1,000	30	1.1	5	150	DO-214AA (SMB)
S1DAL~S1MAL	1	200-1,000	30	1.1	1	150	Thin SMA
S1DFS~S1MFS	1	200-1,000	30	1.1	1	150	SOD-128
S1DF-T~S1MF-T	1	200-1,000	30	1.1	5	150	SMAF
S1D-K~S1M-K	1	200-1,000	30	1.1	1	150	DO-214AC (SMA)
S1DLW~S1MLW	1	200-1,000	30	1.1	1	175	SOD-123W
S1D-T~S1M-T	1	200-1,000	30-40	1.1	1	150	DO-214AC (SMA)
S1GFL~S1MFL	1	400-1,000	30	1.1	1	150	SOD-123FL
S1GM~S1JM	1	400-600	20	1.1	1	175	Micro SMA
S1Q	1	1200	30	1.1	1	150	DO-214AC (SMA)
S1DLS~S1MLS	1.2	200-1,000	50	1.3	5	175	SOD-123HE
1N5391G-T~1N5399G-T	1.5	50-1000	50	1-1.1	5	150	DO-204AC (DO-15)
S15DLW~S15MLW	1.5	200-1,000	50	1.1	1	175	SOD-123W
S2AA~S2MA	1.5	50-1,000	50	1.1	5	150	DO-214AC (SMA)
2A01G-T~2A07G-T	2	50-1,000	70	1-1.1	5	150	DO-204AC (DO-15)
S2A~S2V	2	50-1,400	50	1.15	1	150	DO-214AA (SMB)
S2DAF-T~S2MAF-T	2	200-1,000	50	1.1	5	150	SMAF
S2DAL~S2MAL	2	200-1,000	50	1.1	1	150	Thin SMA
S2DA-T~S2MA-T	2	200-1,000	50	1.1	5	150	DO-214AC (SMA)
S2DFL~S2MFL	2	200~1,000	40	1.1	5	150	SOD-123FL
S2DFS~S2MFS	2	200-1,000	50	1.1	1	150	SOD-128
S2D-T~S2M-T	2	200-1,000	50	1.1	5	150	DO-214AA (SMB)
1N5400G-K~1N5408G-K	3	50-1,000	125	1-1.1	5	150	DO-201AD
BY251G~BY254G	3	200-800	150	1	5	150	DO-201AD
S3A~S3M	3	50-1,000	100	1.15	10	150	DO-214AB (SMC)
S3AB~S3MB	3	50-1,000	80	1.15	10	150	DO-214AA (SMB)
S3A-T~S3M-T	3	50-1,000	100	1.15	10	150	DO-214AB (SMC)
S3DB-K~S3MB-K	3	200-1,000	80	1.15	5	150	DO-214AA (SMB)
S3Q	3	1200	120	1.15	10	150	DO-214AB (SMC)
S4A~S4M	4	50-1,000	100	1.15	10	150	DO-214AB (SMC)
S5A~S5M	5	50,1,000	100	1.15	10	150	DO-214AB (SMC)
S5AC-K~S5MC-K	5	50-1,000	100	1.15	10	150	DO-214AB (SMC)
S5GB~S5MB	5	400-1,000	200	1.1	10	150	DO-214AA (SMB)
S5Q	5	1200	120	1.15	10	150	DO-214AB (SMC)

DIODES - STANDARD

Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(A)	(V)	(A)	(V)	(μ A)	(°C)	
S5QB	5	1200	170	1.1	10	150	DO-214AA (SMB)
S8GC~S8MC	8	400-1,000	200	0.985	10	150	DO-214AB (SMC)
S8GC-T~S8MC-T	8	400-1,000	200	1.15	10	150	DO-214AB (SMC)
TUAS8D~TUAS8M	8	200-1,000	230	1.1	5	150	TO-277A (SMPC4.6U)
GPAS1001~GPAS1007	10	50-1,000	150	1.1	5	150	TO-263AB (D ² -PAK)
S10GC~S10MC	10	400-1,000	250	1.1	1	150	DO-214AB (SMC)
S12GC~S12MC	12	400-1,000	300	1.1	1	150	DO-214AB (SMC)
S15GC~S15MC	15	400-1,000	350	1.1	1	150	DO-214AB (SMC)

DIODES - FAST ($t_{rr} = 120...500ns$)

($T_A=25^{\circ}C$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	t_{rr} (ns)	I_F (AV) (A)	V_{RRM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	T_J Max. ($^{\circ}C$)	Package Description
BYG21MH ★	120	1.5	1,000	50	1.6	1	150	DO-214AC (SMA)
RS3MFSH ★	160	3	1000	80	1.3	5	150	SOD-128
1N4933G~1N4937G ★	200	1	50-600	30	1.2	5	150	DO-204AL (DO-41)
RS1JLSH~RS1MLSH ★	300	1.2	600-1,000	50	1.3	5	150	SOD-123HE
BA157G ★	150-250	1	400-1,000	30	1.2	5	150	DO-204AL (DO-41)
RS1DLWH~RS1MLWH ★	150-250	1	200-1,000	30	1.3	5	175	SOD-123W
F1T1G~F1T7G ★	150-500	1	50-1,000	30	1.3	5	150	TS-1
RS1AH~RS1MH ★	150-500	1	50-1,000	30	1.3	5	150	DO-214AC (SMA)
RS1DFS~RS1MFSH ★	150-500	1	200-1,000	30	1.3	5	150	SOD-128
RS1DALH~RS1MALH ★	150-500	1	200-1,000	30	1.3	1	150	Thin SMA
FR151G~FR157G ★	150-500	1.5	50-1,000	50	1.3	5	150	DO-204AC (DO-15)
RS2AAH~RS2MAH ★	150-500	1.5	50-1,000	50	1.3	5	150	DO-214AC (SMA)
FR201G~FR207G ★	150-500	2	50-1,000	55	1.3	5	150	DO-204AC (DO-15)
RS2AH~RS2MH ★	150-500	2	50-1,000	50	1.3	5	150	DO-214AA (SMB)
RS2DALH~RS2MALH ★	150-500	2	200-1,000	50	1.3	1	150	Thin SMA
RS2DFS~RS2MFSH ★	150-500	2	200-1,000	50	1.3	1	150	SOD-128
FR301G~FR307G ★	150-500	3	50-1,000	125	1.3	5	150	DO-201AD
RS3AH~RS3MH ★	150-500	3	50-1,000	100	1.3	10	150	DO-214AB (SMC)
TUAR4DH~TUAR4MH ★	150-500	4	200-1,000	90	1.4	5	150	TO-277A (SMPC4.6U)
BYG21M	120	1.5	1,000	50	1.6	1	150	DO-214AC (SMA)
TPAR3D~TPAR3J	120	3	200-600	60	1.55	10	175	TO-277A (SMPC)
RS3MFS	160	3	1000	80	1.3	5	150	SOD-128
1N4933G-K~1N4937G-K	200	1	50-600	30	1.2	5	150	DO-204AL (DO-41)
RS1JLS~RS1MLS	300	1.2	600-1,000	50	1.3	5	150	SOD-123HE
BA157G-K	500	1	400-1,000	30	1.3	5	150	DO-204AL (DO-41)
RS1DLW~RS1MLW	150-250	1	200-1,000	30	1.3	5	175	SOD-123W
RS1AFL~RS1MFL	150-250	1	50-1,000	30	1.05-1.3	5	150	SOD-123FL
RS2DFL~RS2MFL	150-250	2	200-1,000	40	1.3	5	150	SOD-123FL
RS2DAF-T~RS2MAF-T	150-250	2	200-1,000	50	1.3	5	150	SMAF
FR101G~FR107G	150-500	1	50-1,000	30	1.3	5	150	DO-204AL (DO-41)
RS1A~RS1M	150-500	1	50-1,000	30	1.3	5	150	DO-214AC (SMA)
RS1D-T~RS1M-T	150-500	1	200-1,000	30	1.3	5	150	DO-214AC (SMA)
FR101G-K~FR107G-K	150-500	1	50-1,000	30	1.3	5	150	DO-204AL (DO-41)
F1T1G-K~F1T7G-K	150-500	1	50-1,000	30	1.3	5	150	TS-1
F1T2G-K~F1T7G-K	150-500	1	100-1,000	30	1.3	5	150	TS-1
RS1DFS~RS1MFS	150-500	1	200-1,000	30	1.3	5	150	SOD-128
RS1DF-T~RS1MF-T	150-500	1	200-1,000	30	1.3	5	150	SMAF
RS1DAL~RS1MAL	150-500	1	200-1,000	30	1.3	1	150	Thin SMA
RS2AA~RS2MA	150-500	1.5	50-1,000	50	1.3	5	150	DO-214AC (SMA)
FR151G-T~FR157G-T	150-500	1.5	50-1,000	50	1.3	5	150	DO-204AC (DO-15)
RS2A~RS2M	150-500	2	50-1,000	50	1.3	5	150	DO-214AA (SMB)
FR201G-T~FR207G-T	150-500	2	50-1,000	55	1.3	5	150	DO-204AC (DO-15)
RS2DA-T~RS2MA-T	150-500	2	200-1,000	50	1.3	5	150	DO-214AC (SMA)
RS2D-T~RS2M-T	150-500	2	200-1,000	50	1.3	5	150	DO-214AA (SMB)
RS2DAL~RS2MAL	150-500	2	200-1,000	50	1.3	1	150	Thin SMA
RS2DFS~RS2MFS	150-500	2	200-1,000	50	1.3	1	150	SOD-128

DIODES - FAST ($t_{rr} = 120...500\text{ns}$)

Part Number	t_{rr}	$I_{F(AV)}$	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(ns)	(A)	(V)	(A)	(V)	(μA)	($^{\circ}\text{C}$)	
RS3A~RS3M	150-500	3	50-1,000	100	1.3	10	150	DO-214AB (SMC)
FR301G-K~FR307G-K	150-500	3	50-1,000	125	1.3	5	150	DO-201AD
RS3A-K~RS3M-K	150-500	3	50-1,000	100	1.3	10	150	DO-214AB (SMC)
RS3DB-T~RS3MB-T	150-500	3	200-1,000	80	1.3	5	150	DO-214AA (SMB)
RS5D-T~RS5M-T	150-500	5	200-1,000	164	1.3	10	150	DO-214AB (SMC)
RS1JM~RS1KM	250-500	1	600-800	20	1.3	5	150	Micro SMA

DIODES - HIGH EFFICIENT ($t_{rr} = 50...80ns$)

($T_A=25^{\circ}C$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	t_{rr} (ns)	I_F (AV) (A)	V_{RRM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	T_J Max. ($^{\circ}C$)	Package Description
MUR140SH~MUR160SH ★	50	1	400-600	35	1.25	5	175	DO-214AA (SMB)
MUR160A ★	50	1	600	35	1.25	5	175	DO-204AL (DO-41)
MUR260 ★	50	2	600	35	1.35	5	175	DO-204AC (DO-15)
MUR340SH~MUR360SH ★	50	3	400-600	75	1.25	10	175	DO-214AB (SMC)
MUR340SBH~MUR360SBH ★	50	3	400-600	75	1.25	10	175	DO-214AA (SMB)
MUR440~MUR460 ★	50	4	400-600	125	1.28	10	175	DO-201AD
MUR440SH~MUR460SH ★	50	4	400-600	75	1.25	10	175	DO-214AB (SMC)
MUR4L40~MUR4L60 ★	50	4	400-600	125	1.28	10	175	DO-201AD
MUR840~MUR860 ★	50	8	400-600	100	1.3-1.7	5	175	TO-220AC
UGA8120 ★	50	8	1,200	80	2.8	5	175	TO-220AC
MUR1640CT~MUR1660CT ★	50	16	400-600	100	1.3-1.5	10	175	TO-220AB
MURF1640CT~MURF1660CT ★	50	16	400-600	100	1.3-1.5	10	150	ITO-220AB
UGS20JH ★	50	20	600	150	2	1	150	D2PAK-D
UGS30JH ★	50	30	600	200	2	1	150	D2PAK-D
UG2JAH ★	55	2	600	40	1.3	2	150	DO-214AC (SMA)
BYG23MH ★	65	1.5	1,000	50	1.7	1	150	DO-214AC (SMA)
MUR8L60 ★	65	8	600	100	1.3	5	175	TO-220AC
MURF8L60 ★	65	8	600	100	1.3	5	175	ITO-220AC
BYG20DH~BYG20JH ★	75	1.5	200-600	30	1.4	1	150	DO-214AC (SMA)
HERF1007GA~HERF1008GA ★	80	10	800-1000	125	1.7	10	150	ITO-220AB
HSDLWH~HSMMLWH ★	50-75	0.8	200-1,000	20	1-1.7	1	150	SOD-123W
HER101G~HER108G ★	50-75	1	50-1,000	30	1-1.7	5	150	DO-204AL (DO-41)
HS1AH~HS1MH ★	50-75	1	50-1,000	30	1-1.7	5	150	DO-214AC (SMA)
HS1DLWH~HS1MLWH ★	50-75	1	200-1,000	30	1-1.7	1	175	SOD-123W
HT11G~HT18G ★	50-75	1	50-1,000	30	1-1.7	5	150	TS-1
MUR160~MUR190 ★	50-75	1	600-900	35	1.25-1.7	5	150-175	DO-204AC (DO-15)
UF1A~UF1M ★	50-75	1	50-1,000	30	1-1.7	5	150	DO-204AL (DO-41)
UF4001~UF4007 ★	50-75	1	50-1,000	30	1-1.7	5	150	DO-204AL (DO-41)
US1AH~US1MH ★	50-75	1	50-1,000	30	1-1.7	5	150	DO-214AC (SMA)
HS1DALH~HS1MALH ★	50-75	1	200-1,000	35	1-1.7	1	150	Thin SMA
HS1DFSH~HS1MFSH ★	50-75	1	200-1,000	35	1-1.7	1	150	SOD-128
HER151G~HER158G ★	50-75	1.5	50-1,000	50	1-1.7	5	150	DO-204AC (DO-15)
HS2AAH~HS2MAH ★	50-75	1.5	50-1,000	50	1-1.7	5	150	DO-214AC (SMA)
HS15DLWH~HS15MLWH ★	50-75	1.5	200-1,000	40	0.95-1.7	1	150	SOD-123W
HER201G~HER208G ★	50-75	2	50-1,000	60	1-1.7	5	150	DO-204AC (DO-15)
HS2AH~HS2MH ★	50-75	2	50-1,000	50	1-1.7	5	150	DO-214AA (SMB)
HS2DALH~HS2MALH ★	50-75	2	200-1,000	60	1-1.7	1	150	Thin SMA
HS2DFSH~HS2MFSH ★	50-75	2	200-1,000	60	1-1.7	1	150	SOD-128
HER301G~HER308G ★	50-75	3	50-1,000	125	1-1.7	10	150	DO-201AD
HS3AH~HS3MH ★	50-75	3	50-1,000	150	1-1.7	10	150	DO-214AB (SMC)
HS3ABH~HS3MBH ★	50-75	3	50-1,000	100	1-1.7	10	150	DO-214AA (SMB)
HER3L03G~HER3L06G ★	50-75	3	200-600	100-125	1.3-1.7	3-10	150	DO-201AD
TU4U4DH~TU4U4MH ★	50-75	4	200-1,000	100	0.9-1.9	5	150-175	TO-277A (SMPC4.6U)
HS5AH~HS5MH ★	50-75	5	50-1,000	150	1-1.7	10	150	DO-214AB (SMC)
HER601G~HER606G ★	50-75	6	50-600	150	1-1.7	10	150	R-6
TU4U6DH~TU4U6MH ★	50-75	6	200-1,000	140	1-1.7	5	150-175	TO-277A (SMPC4.6U)

DIODES - HIGH EFFICIENT ($t_{rr} = 50...80ns$)

Part Number	t_{rr} (ns)	I_F (AV) (A)	V_{RRM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	T_j Max. (°C)	Package Description
HERA801G~HERA808G ★	50-80	8	50-1,000	150	1-1.7	10	150	TO-220AC
HERAF801G~HERAF808G ★	50-80	8	50-1,000	150	1-1.7	10	150	ITO-220AC
TUAU8DH~TUAU8MH ★	50-80	8	200-1,000	140	1-1.7	5	150-175	TO-277A (SMPC4.6U)
HER1001G~HER1008G ★	50-80	10	50-1,000	125	1-1.7	10	150	TO-220AB
HERAF1001G~HERAF1008G ★	50-80	10	50-1,000	150	1-1.7	10	150	ITO-220AC
HERF1001G~HERF1008G ★	50-80	10	50-1,000	125	1-1.7	10	150	ITO-220AB
TUAU10DH~TUAU10MH ★	50-80	10	200-1,000	150	1-1.9	5	150-175	TO-277A (SMPC4.6U)
HER1601G~HER1608G ★	50-80	16	50-1,000	125	1-1.7	10	150	TO-220AB
HER1601PT~HER1608PT ★	50-80	16	50-1,000	200	1-1.7	10	150	TO-247AD (TO-3P)
HERAF1601G~HERAF1606G ★	50-80	16	50-600	250	1-1.7	10	150	ITO-220AC
HERF1601G~HERF1608G ★	50-80	16	50-1,000	125	1-1.7	10	150	ITO-220AB
HER3001PT~HER3006PT ★	50-80	30	50-600	300	1-1.7	10	150	TO-247AD (TO-3P)
MUR140S~MUR160S	50	1	400-600	35	1.25	5	175	DO-214AA (SMB)
MUR340S~MUR360S	50	3	400-600	75	1.25	10	175	DO-214AB (SMC)
MUR340SB~MUR360SB	50	3	400-600	75	1.25	10	175	DO-214AA (SMB)
MUR440S~MUR460S	50	4	400-600	75	1.25	10	175	DO-214AB (SMC)
UG2JA	55	2	600	40	1.3	2	150	DO-214AC (SMA)
BYG23M	65	1.5	1,000	50	1.7	1	150	DO-214AC (SMA)
TPAU3D~TPAU3J	65	3	200-600	50	1.88	10	175	TO-277A (SMPC)
BYG20D~BYG20J	75	1.5	200-600	30	1.4	1	150	DO-214AC (SMA)
HER157G-K~HER158G-K	75	1.5	800-1,000	50	1.7	5	150	DO-204AC (DO-15)
HER207G-K~HER208G-K	75	2	800-1,000	60	1.7	5	150	DO-204AC (DO-15)
HSDLW~HSMLW	50-75	0.8	200-1,000	20	1-1.7	1	150	SOD-123W
HS1A~HS1M	50-75	1	50-1,000	30	1-1.7	5	150	DO-214AC (SMA)
HS1D-K~HS1M-K	50-75	1	200-1,000	30	1-1.7	5	150	DO-214AC (SMA)
HS1DLW~HS1MLW	50-75	1	200-1,000	30	1-1.7	1	175	SOD-123W
US1A~US1M	50-75	1	50-1,000	30	1-1.7	5	150	DO-214AC (SMA)
HT11G-K~HT18G-K	50-75	1	50-1,000	30	1-1.7	5	150	TS-1
HER101G-K~HER108G-K	50-75	1	50-1,000	30	1-1.7	5	150	DO-204AL (DO-41)
HS1AFL~HS1MFL	50-75	1	50-1,000	30	0.95-1.7	5	150	SOD-123FL
HS1DF-T~HS1MF-T	50-75	1	200-1,000	30	1-1.7	5	150	SMAF
HS1DAL~HS1MAL	50-75	1	200-1,000	35	1-1.7	1	150	Thin SMA
HS1DFS~HS1MFS	50-75	1	200-1,000	35	1-1.7	1	150	SOD-128
HS2AA~HS2MA	50-75	1.5	50-1,000	50	1-1.7	5	150	DO-214AC (SMA)
HER151G-T~HER156G-T	50-75	1.5	50-600	50	1-1.7	5	150	DO-204AC (DO-15)
HS15DLW~HS15MLW	50-75	1.5	200-1,000	40	0.95-1.7	1	150	SOD-123W
HS2A~HS2M	50-75	2	50-1,000	50	1-1.7	5	150	DO-214AA (SMB)
HER201G-T~HER206G-T	50-75	2	50-600	60	1-1.7	5	150	DO-204AC (DO-15)
HS2DA-T~HS2MA-T	50-75	2	200-1,000	50	1-1.7	5	150	DO-214AC (SMA)
HS2D-T~HS2M-T	50-75	2	200-1,000	50	1-1.7	5	150	DO-214AA (SMB)
HS2DFL~HS2MFL	50-75	2	200-1,000	40	1-1.7	5	150	SOD-123FL
HS2DAF-T~HS2MAF-T	50-75	2	200-1,000	50	1-1.7	5	150	SMAF
HS2DAL~HS2MAL	50-75	2	200-1,000	60	1-1.7	1	150	Thin SMA
HS2DFS~HS2MFS	50-75	2	200-1,000	60	1-1.7	1	150	SOD-128
HS3A~HS3M	50-75	3	50-1,000	150	1-1.7	10	150	DO-214AB (SMC)
HS3AB~HS3MB	50-75	3	50-1,000	100	1-1.7	10	150	DO-214AA (SMB)

DIODES - HIGH EFFICIENT ($t_{rr} = 50...80ns$)

Part Number	t_{rr}	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(ns)	(A)	(V)	(A)	(V)	(μA)	($^{\circ}C$)	
HER301G-K~HER308G-K	50-75	3	50-1,000	125	1-1.7	10	150	DO-201AD
HS3DB-K~HS3MB-K	50-75	3	200-1,000	80	1-1.7	5	150	DO-214AA (SMB)
HS3D-K~HS3M-K	50-75	3	200-1,000	88	1-1.7	10	150	DO-214AB (SMC)
HS5A~HS5M	50-75	5	50-1,000	150	1-1.7	10	150	DO-214AB (SMC)
HS5D-A~HS5M-K	50-75	5	200-1,000	164	1-1.7	10	150	DO-214AB (SMC)

DIODES - SUPER FAST ($t_{rr} = 35...40ns$)

($T_A = 25^\circ C$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	t_{rr} (ns)	I_F (AV) (A)	V_{RRM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	T_J Max. ($^\circ C$)	Package Description
ESDLWH~ESJLWH ★	35	0.8	200-600	20	0.95-1.7	1	150	SOD-123W
ES1AH~ES1JH ★	35	1	50-600	30	0.95-1.7	5	150	DO-214AC (SMA)
ES1DLWH~ES1JLWH ★	35	1	200-600	30	0.95-1.7	5	175	SOD-123W
SF11G~SF18G ★	35	1	50~600	30	0.95-1.7	5	150	DO-204AL (DO-41)
SFT11G~SFT18G ★	35	1	50-600	30	0.95-1.7	5	150	TS-1
ES1LDH~ES1LJH ★	35	1	200-600	30	0.95-1.7	5	150	DO-214AC (SMA)
ES1BFSH~ES1JFSH ★	35	1	100-600	30	0.95-1.7	1	150	SOD-128
ES1BALH~ES1JALH ★	35	1	100-600	30	0.95-1.7	1	150	Thin SMA
ES15DLWH~ES15JLWH ★	35	1.5	200-600	40	0.95-1.7	1	150	SOD-123W
ES2AH~ES2JH ★	35	2	50-600	50	0.95-1.7	10	150	DO-214AA (SMB)
ES2AAH~ES2JAH ★	35	2	50-600	50	0.95-1.7	10	150	DO-214AC (SMA)
SF21G~SF28G ★	35	2	50-600	50	0.95-1.7	5	150	DO-204AC (DO-15)
SF2L4G~SF2L8G ★	35	2	200-600	40-50	0.95-1.7	1	150	DO-204AC (DO-15)
ES2LDH~ES2LJH ★	35	2	200-600	50	0.94-1.7	10	150	DO-214AA (SMB)
ES2BFSH~ES2JFSH ★	35	2	100-600	50	0.95-1.7	1	150	SOD-128
ES2BALH~ES2JALH ★	35	2	100-600	50	0.95-1.7	1	150	Thin SMA
ES3AH~ES3JH ★	35	3	50-600	100	0.95-1.7	10	150	DO-214AB (SMC)
SF31G~SF38G ★	35	3	50-600	125	0.95-1.7	5	150	DO-201AD
ES3ABH~ES3JBH ★	35	3	50-600	100	1.00-1.45	10	150	DO-214AA (SMB)
SF41G~SF48G ★	35	4	50-600	125	1-1.7	5	150	DO-201AD
SFAF501G~SFAF508G ★	35	5	50-600	125	0.975-1.7	10	150	ITO-220AC
SFF501G~SFF508G ★	35	5	50-600	70	0.98-1.7	10	150	ITO-220AB
SF61G~SF68G ★	35	6	50-600	150	0.975-1.7	5	150	DO-201AD
SF801G~SF808G ★	35	8	50-600	125	0.975-1.7	10	150	TO-220AB
SFA801G~SFA808G ★	35	8	50-600	125	0.975-1.7	10	150	TO-220AC
SFAF801G~SFAF808G ★	35	8	50~600	125	0.95-1.7	10	150	ITO-220AC
SFAS801GH~SFAS808GH ★	35	8	50-600	125	0.95-1.7	10	150	TO-263AB (D ² -PAK)
SF1001G~SF1008G ★	35	10	50-600	125	0.975-1.7	10	150	TO-220AB
SFA1001G~SFA1008G ★	35	10	50-600	125	0.975-1.7	10	150	TO-220AC
SFAF1001G~SFAF1008G ★	35	10	50-600	150	0.975-1.7	10	150	ITO-220AC
SFAS1008GH ★	35	10	600	125	1.7	10	150	TO-263AB (D ² -PAK)
SFF1001G~SFF1008G ★	35	10	50-600	125	0.975-1.7	10	150	ITO-220AB
SFF1001GA~SFF1008GA ★	35	10	50-600	125	0.975-1.7	10	150	ITO-220AB
SFS1001GH~SFS1008GH ★	35	10	50-600	125	0.975-1.7	1	150	TO-263AB (D ² -PAK)
SFF10L04G~SFF10L08G ★	35	10	200-600	80-125	0.98-1.7	10	150	ITO-220AB
SFF10L04GA~SFF10L08GA ★	35	10	200-600	80-125	0.98-1.7	10	150	ITO-220AB
SF1601G~SF1608G ★	35	16	50-600	125	0.975-1.7	10	150	TO-220AB
SF1601PT~SF1608PT ★	35	16	50-600	150	0.95-1.7	10	150	TO-247AD (TO-3P)
SFAF1601G~SFAF1608G ★	35	16	50-600	200	0.975-1.7	10	150	ITO-220AC
SFF1601G~SFF1608G ★	35	16	50-600	125	0.975-1.7	10	150	ITO-220AB
SFS1601GH~SFS1608GH ★	35	16	50-600	125	0.975-1.7	10	150	TO-263AB (D ² -PAK)
SF2001G~SF2008G ★	35	20	50-600	150	0.975-1.7	5	150	TO-220AB
SF2001PT~SF2008PT ★	35	20	50-600	280	1.100	10	150	TO-247AD (TO-3P)
SFAF2001G~SFAF2008G ★	35	20	50-600	200	0.975-1.7	10	150	ITO-220AC
SFF2001G~SFF2008G ★	35	20	50-600	150	0.975-1.7	10	150	ITO-220AB
SFF2004GA~SFF2008GA ★	35	20	200-600	150	0.975-1.7	10	150	ITO-220AB

DIODES - SUPER FAST ($t_{rr} = 35...40ns$)

Part Number	t_{rr} (ns)	I_F (AV) (A)	V_{RRM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	T_J Max. (°C)	Package Description
SF3001PT~SF3008PT ★	35	30	50-600	300	0.95-1.7	10	150	TO-247AD (TO-3P)
TPMR6GH~TPMR6JH ★	35-40	6	400-600	100	1.2-1.8	10	175	TO-277A (SMPC)
TPMR10DH~TPMR10JH ★	35-40	10	200-600	150	0.95-1.8	5-10	175	TO-277A (SMPC)
ESDLW~ESJLW	35	0.8	200-600	20	0.95-1.7	1	150	SOD-123W
ES1A~ES1J	35	1	50-600	30	0.95-1.7	5	150	DO-214AC (SMA)
ES1DFL~ES1JFL	35	1	200-600	30	1-1.7	5	150	SOD-123FL
ES1DLW~ES1JLW	35	1	200-600	30	0.95-1.7	5	175	SOD-123W
ES1D-T~ES1J-T	35	1	200-600	30	0.95-1.7	5	150	DO-214AC (SMA)
ES1LD~ES1LJ	35	1	200-600	30	0.95-1.7	5	150	DO-214AC (SMA)
SF11G-K~SF18G-K	35	1	50-600	30	0.95-1.7	5	150	DO-204AL (DO-41)
ES1DF-T~ES1JF-T	35	1	200-600	30	0.95-1.7	5	150	SMAF
ES1BAL~ES1JAL	35	1	100-600	30	0.95-1.7	1	150	Thin SMA
ES1BFS~ES1JFS	35	1	100-600	30	0.95-1.7	1	150	SOD-128
ES15DLW~ES15JLW	35	1.5	200-600	40	0.95-1.7	1	150	SOD-123W
ES2A~ES2J	35	2	50-600	50	0.95-1.7	10	150	DO-214AA (SMB)
ES2AA~ES2JA	35	2	50-600	50	0.95-1.7	10	150	DO-214AC (SMA)
ES2D-T~ES2J-T	35	2	200-600	50	0.95-1.7	10	150	DO-214AA (SMB)
ES2LD~ES2LJ	35	2	200-600	50	0.94-1.7	10	150	DO-214AA (SMB)
SF21G-T~SF28G-T	35	2	50-600	50	0.95-1.7	5	150	DO-204AC (DO-15)
ES2DA-T~ES2JA-T	35	2	200-600	50	0.95-1.7	5	150	DO-214AC (SMA)
ES2DFL~ES2JFL	35	2	200-600	40	1-1.7	5	150	SOD-123FL
ES2DAF-T~ES2JAF-T	35	2	200-600	50	0.95-1.7	5	150	SMAF
ES2BAL~ES2JAL	35	2	100-600	50	0.95-1.7	1	150	Thin SMA
ES2BFS~ES2JFS	35	2	100-600	50	0.95-1.7	1	150	SOD-128
31DF4~31DF6	35	3	400-600	45	1.7	20	150	DO-201AD
ES3A~ES3J	35	3	50-600	100	0.95-1.7	10	150	DO-214AB (SMC)
ES3AB~ES3JB	35	3	50~600	100	1.00-1.45	10	150	DO-214AA (SMB)
SF31G-A~SF38G-A	35	3	50-600	125	0.95-1.7	5	150	DO-201AD
ES3DB-A~ES3JB-A	35	3	200-600	80	0.95-1.7	5	150	DO-214AA (SMB)
ES3D-A~ES3J-A	35	3	200-600	88	0.95-1.7	5	150	DO-214AB (SMC)
ES5D-T~ES5J-T	35	5	200-600	164	0.95-1.7	10	150	DO-214AB (SMC)
SFAS801G~SFAS808G	35	8	50-600	125	0.95-1.7	10	150	TO-263AB (D ² -PAK)
SFAS1008G	35	10	600	125	1.7	10	150	TO-263AB (D ² -PAK)
SFS1001G~SFS1008G	35	10	50-600	125	0.975-1.7	1	150	TO-263AB (D ² -PAK)
SFS1601G~SFS1608G	35	16	50-600	125	0.975-1.7	10	150	TO-263AB (D ² -PAK)
TPMR6G~TPMR6J	35-40	6	400-600	100	1.2-1.8	10	175	TO-277A (SMPC)
TPMR10D~TPMR10J	35-40	10	200-600	150	0.95-1.8	5-10	175	TO-277A (SMPC)

DIODES - ULTRA FAST ($t_{rr} = 15...30ns$)

($T_A=25^{\circ}C$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	t_{rr} (ns)	I_F (AV) (A)	V_{RRM} (V)	I_{FSM} (A)	V_F (V)	I_R (μA)	T_J Max. ($^{\circ}C$)	Package Description
UG06A~UG06D ★	15	0.6	50-200	40	0.95	5	150	TS-1
ES1DVH ★	15	1	200	30	0.92	5	150	DO-214AC (SMA)
ESH1BH~ESH1DH ★	15	1	100-200	30	0.9	1	175	DO-214AC (SMA)
UG2D ★	15	2	200	80	0.95	5	150	DO-204AC (DO-15)
ES2DVH ★	20	2	200	50	0.9	10	150	DO-214AA (SMB)
ESH2BH~ESH2DH ★	20	2	100-100	60	0.9	2	175	DO-214AA (SMB)
ES3DVH ★	20	3	200	100	0.9	10	150	DO-214AB (SMC)
ESH3BH~ESH3DH ★	20	3	100-200	125	0.9	5	175	DO-214AB (SMC)
UG54G~UG58G ★	20	5	200-600	65	1.05-2.1	10-30	150-175	DO-201AD
UG5J ★	20	5	600	65	3	30	150	TO-220AC
UGS5JH ★	20	5	600	65	2	20	150	TO-263AB (D ² -PAK)
UG54GS ★	20	5	200	65	1.1	10	175	DO-204AC (DO-15)
UG12J ★	20	12	600	135	2	5	150	TO-220AC
UGF12J ★	20	12	600	135	2	5	150	ITO-220AC
ESH1DMH ★	25	1	200	15	1.5	1	150	Micro SMA
ESH2BAH~ESH2DAH ★	25	1	100-200	50	0.9	1	175	DO-214AC (SMA)
MUR105SH~MUR120SH ★	25	1	50-200	40	0.875	2	175	DO-214AA (SMB)
ESH1DFSH ★	25	1	200	60	0.94	5	175	SOD-128
PU1BMH~PU1DMH ★	25	1	100-200	28	1.05	1	175	Micro SMA
PU1BLSH~PU1DLSH ★	25	1	100-200	45	0.93	2	175	SOD-123HE
PU1BAH~PU1DAH ★	25	1	100-200	45	0.93	2	175	DO-214AC (SMA)
PU1BFSH~PU1DFSH ★	25	1	100-200	45	0.93	2	175	SOD-128
PU1BLWH~PU1DLWH ★	25	1	100-200	45	0.93	2	175	SOD-123W
ESH2DFSH ★	25	2	200	80	0.96	5	175	SOD-128
PU2BMH~PU2DMH ★	25	2	100-200	28	1.05	1	175	Micro SMA
PU2BFSH~PU2DFSH ★	25	2	100-200	50	0.93	2	175	SOD-128
PU2BAH~PU2DAH ★	25	2	100-200	50	0.93	2	175	DO-214AC (SMA)
PU2BBH~PU2DBH ★	25	2	100-200	50	0.93	2	175	DO-214AA (SMB)
PU2BLWH~PU2DLWH ★	25	2	100-200	50	0.93	2	175	SOD-123W
PU2BLSH~PU2DLSH ★	25	2	100-200	50	0.93	2	175	SOD-123HE
MUR305SH~MUR320SH ★	25	3	50-200	75	0.875	5	175	DO-214AB (SMC)
MUR305SBH~MUR320SBH ★	25	3	50-200	75	0.9	5	175	DO-214AA (SMB)
ESH3DFSH ★	25	3	200	132	0.95	5	175	SOD-128
PUUP3BH~PUUP3DH ★	25	3	100-200	85	0.93	2	175	TO-277A (SMPC4.6U)
PU3BFSH~PU3DFSH ★	25	3	100-200	85	0.93	2	175	SOD-128
PU3BAH~PU3DAH ★	25	3	100-200	85	0.93	2	175	DO-214AC (SMA)
PU3BBH~PU3DBH ★	25	3	100-100	85	0.93	2	175	DO-214AA (SMB)
PU3BCH~PU3DCH ★	25	3	100-200	85	0.93	2	175	DO-214AB (SMC)
MUR420 ★	25	4	200	125	0.89	5	175	DO-201AD
MUR420SH ★	25	4	200	75	0.875	5	175	DO-214AB (SMC)
MUR4L20 ★	25	4	200	125	0.89	5	175	DO-201AD
PUUP4BH~PUUP4DH ★	25	4	100-200	130	0.93	2	175	TO-277A (SMPC4.6U)
PU4BCH~PU4DCH ★	25	4	100-200	130	0.93	2	175	DO-214AB (SMC)
PU4BBH~PU4DBH ★	25	4	100-200	130	0.93	2	175	DO-214AA (SMB)
UGF5J ★	25	5	600	65	3	30	150	ITO-220AC
TPUH6DH~TPUH6JH ★	25	6	200-600	80	1.05-3.00	10	175	TO-277A (SMPC)

DIODES - ULTRA FAST ($t_{rr} = 15...30ns$)

Part Number	t_{rr}	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(ns)	(A)	(V)	(A)	(V)	(μ A)	($^{\circ}$ C)	
PUUP6BH~PUUP6DH ★	25	6	100-200	200	0.94	2	175	TO-277A (SMPC4.6U)
PU6BBH~PU6DBH ★	25	6	100-200	160	0.94	2	175	DO-214AA (SMB)
PU6BCH~PU6DCH ★	25	6	100-200	160	0.94	2	175	DO-214AB (SMC)
MUR820 ★	25	8	200	100	0.975	5	175	TO-220AC
UG8J ★	25	8	600	65	2.9	30	150	TO-220AC
UGF8J ★	25	8	600	65	2.9	30	150	ITO-220AC
PUUP8BH~PUUP8DH ★	25	8	100-200	200	1.05	2	175	TO-277A (SMPC4.6U)
UG10G~UG10J ★	25	10	400-600	90	1.25-2.0	10-30	150-175	TO-220AC
UGF10G~UGF10J ★	25	10	400-600	90	1.25-2.0	5	150-175	ITO-220AC
UGF12JD ★	25	12	600	100	3.1	0.5	175	ITO-220AC
MUR1620CT ★	25	16	200	100	0.975	5	175	TO-220AB
MURF1620CT ★	25	16	200	100	0.975	5	150	ITO-220AB
UGF1606G ★	25	16	400	90	1.25	10	175	ITO-220AB
UG2004PT ★	25	20	200	200	0.93	200	175	TO-247AD (TO-3P)
UG6005PT ★	25	60	300	300	1.25	5	175	TO-247AD (TO-3P)
UGF8JD ★	30	8	600	100	2.3	0.5	150	ITO-220AC
UF1DLWH~UF1JLWH ★	20-25	1	200-600	30	0.95-1.5	1	150	SOD-123W
UGF1004G~UGF1008G ★	20-25	10	200-600	70	0.95-1.7	10	150-175	ITO-220AB
UGF1004GA~UGF1008GA ★	20-25	10	200-600	70	0.95-1.7	10	150-175	ITO-220AB
UGF2004G~UGF2008G ★	20-25	20	200-600	150	0.95-1.7	5	150-175	ITO-220AB
UG1004G~UG1008G ★	22-30	10	200-600	60	0.95-1.7	10	150-175	TO-220AB
ES1DV	15	1	200	30	0.92	5	150	DO-214AC (SMA)
ESH1B~ESH1D	15	1	100-200	30	0.9	1	175	DO-214AC (SMA)
ES2DV	20	2	200	50	0.9	10	150	DO-214AA (SMB)
ESH2B~ESH2D	20	2	100-200	60	0.9	2	175	DO-214AA (SMB)
ES3DV	20	3	200	100	0.9	10	150	DO-214AB (SMC)
ESH3B~ESH3D	20	3	100-200	125	0.9	5	175	DO-214AB (SMC)
UG4D	20	4	200	150	0.95	5	150	DO-201AD
UGS5J	20	5	600	65	2	20	150	TO-263AB (D ² -PAK)
ESH1DM	25	1	200	15	1.5	1	150	Micro SMA
ESH2BA~ESH2DA	25	1	100-200	50	0.9	1	175	DO-214AC (SMA)
MUR105S~MUR120S	25	1	50-200	40	0.875	2	175	DO-214AA (SMB)
PU1BM~PU1DM	25	1	100-200	28	1.05	1	175	Micro SMA
PU2BM~PU2DM	25	2	100-200	28	1.05	1	175	Micro SMA
MUR305S~MUR320S	25	3	50-200	75	0.875	5	175	DO-214AB (SMC)
UG305P	25	3	300	50	1.1	10	150	TO-277A (SMPC)
MUR305SB~MUR320SB	25	3	50-200	75	0.9	5	175	DO-214AA (SMB)
MUR420S	25	4	200	75	0.875	5	175	DO-214AB (SMC)
TPUH6D~TPUH6J	25	6	200-600	80	1.05-3.00	10	175	TO-277A (SMPC)
MURF880G	25	8	800	100	2.3	1	175	ITO-220AC
UF1DLW~UF1JLW	20-25	1	200-600	30	0.95-1.5	1	150	SOD-123W

DIODES - SCHOTTKY

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	I _{F (AV)} (A)	V _{RRM} (V)	I _{FSM} (A)	V _f (V)	I _R (μA)	T _J Max. (°C)	Package Description
SR002~SR010 ★	0.5	20-100	30	0.55-0.85	100-500	125-150	DO-204AL (DO-41)
SKL13BH ★	1	30	50	0.39	200	125	DO-214AA (SMB)
SS120H ★	1	200	40	0.95	100	150	DO-214AC (SMA)
SK12BH~SK115BH ★	1	20-150	30	0.5-0.95	100-500	125-150	DO-214AA (SMB)
SR102~SR115 ★	1	20-150	30	0.55-0.95	100-500	125-150	DO-204AL (DO-41)
SRT12~SRT115 ★	1	20-150	25	0.55-0.90	100-500	125-150	TS-1
SS12H~SS115H ★	1	20-150	40	0.50-0.95	100-200	125-150	DO-214AC (SMA)
SS12LSH~SS115LSH ★	1	20-150	30	0.45-0.90	50-400	125-150	SOD-123HE
1N5817~1N5819 ★	1	20-40	30	0.45-0.60	1,000	125	DO-204AL (DO-41)
SSL12H~SSL14H ★	1	20-40	50	0.39	200	125	DO-214AC (SMA)
SS13MH~SS16MH ★	1	30-60	25	0.55-0.68	50	150	Micro SMA
SS14LWH~SS115LWH ★	1	40-150	30	0.55-0.95	10-100	125-150	SOD-123W
SS1H4LSH~SS1H20LSH ★	1	40-200	30	0.65-0.85	1	150	SOD-123HE
SS1H4LWH~SS1H20LWH ★	1	40-200	30	0.65-0.85	0.50	175	SOD-123W
SS14ALH~SS120ALH ★	1	40-200	30	0.55-1.10	10-100	150	Thin SMA
SS14FSH~SS120FSH ★	1	40-200	30	0.55-1.10	10-100	150	SOD-128
SSH210H ★	2	100	75	0.79	1	175	DO-214AA (SMB)
SK22AH~SK215AH ★	2	20-150	50	0.50-0.95	100-500	125-150	DO-214AC (SMA)
SS22H~SS215H ★	2	20-150	50	0.50-0.95	100-400	125-150	DO-214AA (SMB)
SR202~SR220 ★	2	20-200	50	0.55-0.95	100-500	125-150	DO-204AC (DO-15)
SS22MH~SS24MH ★	2	20-40	25	0.60	150	150	Micro SMA
SSL22H~SSL24H ★	2	20-40	80	0.41	400	125	DO-214AA (SMB)
SS24LWH~SS220LWH ★	2	40-200	50	0.55-0.95	10-200	125-150	SOD-123W
SS24ALH~SS220ALH ★	2	40-200	50	0.57-0.95	10-200	150	Thin SMA
SS24FSH~SS220FSH ★	2	40-200	50	0.57-0.95	10-200	150	SOD-128
SK32AH~SK320AH ★	3	20-200	70	0.55-0.95	100-500	150	DO-214AC (SMA)
SK32BH~SK320BH ★	3	20-200	70	0.50-0.95	100-500	125-150	DO-214AA (SMB)
SR302~SR320 ★	3	20-200	80	0.55-0.95	100-500	125-150	DO-201AD
SS32H~SS320H ★	3	20-200	75-100	0.50-0.95	100-500	125-150	DO-214AB (SMC)
1N5820~1N5822 ★	3	20-40	80	0.48-0.53	500	125	DO-201AD
SSL32H~SSL34H ★	3	20-40	100	0.41	200-500	125	DO-214AB (SMC)
SS34LWH~SS320LWH ★	3	40-200	80	0.55-0.95	10-200	125-150	SOD-123W
SS34ALH~SS320ALH ★	3	40-200	70	0.59-0.95	10-200	150	Thin SMA
SS34FSH~SS320FSH ★	3	40-200	70	0.59-0.95	10-200	150	SOD-128
SSB44H ★	4	40	100	0.50	200	150	DO-214AA (SMB)
MBRF5100~MBRF5200 ★	5	100-200	120	0.90-1.02	100	150	ITO-220AC
SK52BH~SK515BH ★	5	20-150	120	0.55-0.95	100-500	150	DO-214AA (SMB)
SRAF520~SRAF5150 ★	5	20-150	120	0.55-0.95	200-500	125-150	ITO-220AC
SK52CH~SK520CH ★	5	20-200	120	0.55-0.95	300-500	150	DO-214AB (SMC)
SR502~SR520 ★	5	20-200	120	0.55-1.05	100-500	125-150	DO-201AD
SS54ALH~SS520ALH ★	5	40-200	110	0.65-0.95	10-200	150	Thin SMA
SS54FSH~SS520FSH ★	5	40-200	110	0.65-0.95	10-200	150	SOD-128
MBR735~MBR7150 ★	7.5	35-150	150	0.75-0.95	100	150	TO-220AC
MBRF735~MBRF7150 ★	7.5	35-150	150	0.75-1.02	100	150	ITO-220AC
SSP8H100SH ★	8	100	150	0.92	10	150	TO-277A (SMPC)
SK82CH~SK810CH ★	8	20-100	150	0.55-0.90	500	125-150	DO-214AB (SMC)

DIODES - SCHOTTKY

Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(A)	(V)	(A)	(V)	(μ A)	($^{\circ}$ C)	
SRA820~SRA8150 ★	8	20-150	150	0.55-0.95	100-500	125-150	TO-220AC
SRAF820~SRAF8150 ★	8	20-150	150	0.55-0.95	100-500	125-150	ITO-220AC
SRAS820H~SRAS8150H ★	8	20-150	150	0.55-0.95	100	125-150	TO-263AB (D ² -PAK)
SR802~SR820 ★	8	20-200	150	0.55-1.02	100-500	125-150	DO-201AD
MBRF835CT~MBRF8150CT ★	8	35-150	150	0.55-0.95	100	150	ITO-220AB
SRA1020~SRA10100 ★	10	20	170	0.55-0.95	100-500	125-150	TO-220AC
MBR10L100CT ★	10	100	120	0.76	20	150	TO-220AB
MBRF10L100CT ★	10	100	120	0.76	20	150	ITO-220AB
MBR10H100CT~MBR10H200CT ★	10	100-200	120	0.85-0.88	5	175	TO-220AB
MBRF10H100CT~MBRF10H200CT ★	10	100-200	120	0.85-0.88	5	175	ITO-220AB
MBRS10H100CTH~MBRS10H200CTH ★	10	100-200	120	0.85-0.88	5	175	TO-263AB (D ² -PAK)
SR1020~SR10150 ★	10	20-150	120	0.55-0.95	100-500	125-150	TO-220AB
SRAF1020~SRAF10150 ★	10	20-150	200	0.55-0.95	100-500	125-150	ITO-220AC
SRS1020H~SRS10150H ★	10	20-150	120	0.55-1.00	100-500	125-150	TO-263AB (D ² -PAK)
SRF1020~SRF10200 ★	10	20-200	120	0.55-1.00	100-500	125-150	ITO-220AB
MBRS1035H~MBRS10150H ★	10	35-150	120	0.80-1.05	100	175	TO-263AB (D ² -PAK)
MBRS1035CTH~MBRS10150CTH ★	10	35-150	120	0.70-0.88	100	150	TO-263AB (D ² -PAK)
MBR1035~MBR10200 ★	10	35-200	150	0.70-1.05	100	150	TO-220AC
MBR1035CT~MBR10200CT ★	10	35-200	120	0.70-0.88	100	150	TO-220AB
MBRF1035~MBRF10200 ★	10	35-200	150	0.70-1.05	100	150	ITO-220AC
MBRF1035CT~MBRF10200CT ★	10	35-200	120	0.70-0.88	100	150	ITO-220AB
SR1202~SR1204 ★	12	20-40	280-320	0.55	500	150	DO-201AD
SK12H45~SK12H60 ★	12	45-60	320	0.55-0.70	150	175	DO-201AD
MBRS15H45CTH ★	15	45	150	0.68	30	175	TO-263AB (D ² -PAK)
SK15H45 ★	15	45	340	0.56	150	200	R-6
SR1502~SR1504 ★	15	20-40	340	0.55	500	200	R-6
MBR1535CT~MBR15150CT ★	15	35-150	150	0.75-1.05	100-500	150	TO-220AB
MBRF1535CT~MBRF15150CT ★	15	35-150	150	0.75-0.95	100-500	150	ITO-220AB
MBRS1535CTH~MBRS15150CTH ★	15	35-150	150	0.75-0.95	100	150	TO-263AB (D ² -PAK)
SRA1620~SRA16100 ★	16	20-100	200	0.55-0.92	100-500	125-150	TO-220AC
SRAF1620~SRAF16100 ★	16	20-100	275	0.55-0.92	100-500	125-150	ITO-220AC
SRS1620~SRS16100 ★	16	20-100	150	0.55-0.90	100-500	125-150	TO-263AB (D ² -PAK)
SRS1620H~SRS16100H ★	16	20-100	150	0.55-0.90	100-500	125-150	TO-263AB (D ² -PAK)
SR1620~SR16150 ★	16	20-150	170	0.55-1.05	100-500	125-150	TO-220AB
SR1620PT~SR16150PT ★	16	20-150	200	0.55-1.00	100-500	125-150	TO-247AD (TO-3P)
SRF1620~SRF16150 ★	16	20-150	200	0.55-1.00	100-500	125-150	ITO-220AB
MBR1635~MBR16150 ★	16	35-150	150	0.63-0.95	100-500	150	TO-220AC
MBRF1635~MBRF16150 ★	16	35-150	150	0.63-0.95	100-500	150	ITO-220AC
MBRS1635H~MBRS16150H ★	16	35-150	150	0.63-0.95	100-500	150	TO-263AB (D ² -PAK)
SK20H45 ★	20	45	275	0.55	500	200	R-6
MBR20L100CT~MBR20L120CT ★	20	100-120	150	0.75-0.83	20	150	TO-220AB
MBRF20L100CT~MBRF20L120CT ★	20	100-120	150	0.75-0.83	20	150	ITO-220AB
MBR20H100CT~MBR20H200CT ★	20	100-200	150	0.85-0.88	5	175	TO-220AB
MBRF20H100CT~MBRF20H200CT ★	20	100-200	150	0.85-0.88	5	175	ITO-220AB
MBRS20H100CTH~MBRS20H200CTH ★	20	100-200	150	0.85-0.88	5	175	TO-263AB (D ² -PAK)
SR2020~SR20150 ★	20	20-150	200	0.55-1.00	100-500	125-150	TO-220AB

DIODES - SCHOTTKY

Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_f	I_R	T_J Max.	Package Description
	(A)	(V)	(A)	(V)	(μ A)	($^{\circ}$ C)	
SR2020PT~SR20150PT ★	20	20-150	200	0.55-1.02	100-500	125-150	TO-247AD (TO-3P)
SRA2020~SRA20150 ★	20	20-150	300	0.55-1.02	100-500	125-150	TO-220AC
SRAS2020H~SRAS20150H ★	20	20-150	330	0.57-1.02	100-500	150	TO-263AB (D ² -PAK)
SRF2020~SRF20150 ★	20	20-150	200	0.55-1.02	100-500	125-150	ITO-220AB
SRS2020H~SRS20150H ★	20	20-150	200	0.55-1.02	100-500	125-150	TO-263AB (D ² -PAK)
MBRF2035~MBRF20100 ★	20	35-100	150	0.75-0.95	100-200	150	ITO-220AC
MBRS2035CTH~MBRS20150CTH ★	20	35-150	150	0.65-0.99	100	150	TO-263AB (D ² -PAK)
MBR2035CT~MBR20200CT ★	20	35-200	150	0.80-0.99	100	150	TO-220AB
MBR2035PT~MBR20200PT ★	20	35-200	150	0.80-0.95	100	150	TO-247AD (TO-3P)
MBRF2035CT~MBRF20200CT ★	20	35-200	150	0.80-0.95	100	150	ITO-220AB
MBRS25H45CTH ★	25	45	150	0.70	200	175	TO-263AB (D ² -PAK)
MBR2535CT~MBR25150CT ★	25	35-150	200	0.75-0.95	100-200	150	TO-220AB
MBRF2535CT~MBRF25150CT ★	25	35-150	200	0.75-0.95	100-2,000	150	ITO-220AB
MBRS2535CTH~MBRS25150CTH ★	25	35-150	200	0.65-0.95	100-200	150	TO-263AB (D ² -PAK)
MBRF30L45CT ★	30	45	220	0.55	400	150	ITO-220AB
MBRS3045CTH ★	30	45	220	0.70	200	150	TO-263AB (D ² -PAK)
MBRS30H45CTH ★	30	45	220	0.70	200	175	TO-263AB (D ² -PAK)
MBRF3080CT ★	30	80	200	0.84	200	150	ITO-220AB
MBR30H100CT ★	30	100	150	0.85	10	175	TO-220AB
MBR30L120CT ★	30	120	200	0.88	20	150	TO-220AB
MBRF30L120CT ★	30	120	200	0.88	20	150	ITO-220AB
SR3020PT~SR30150PT ★	30	20-150	300	0.55-1.00	500-1,000	125-150	TO-247AD (TO-3P)
MBR3035CT~MBR30150CT ★	30	35-150	200	0.70-0.95	100-200	150	TO-220AB
MBR3035PT~MBR30200PT ★	30	35-200	200	0.75-1.05	100-1,000	150	TO-247AD (TO-3P)
MBRF3035CT~MBRF30200CT ★	30	35-200	200	0.70-0.95	200	150	ITO-220AB
MBR30L45CT~MBR30L100CT ★	30	45-100	220	0.55-0.77	400-500	150	TO-220AB
MBRS4060CTH ★	40	60	300	0.80	100	175	TO-263AB (D ² -PAK)
SR4020PT~SR40100PT ★	40	20-100	400	0.55-0.90	500-1,000	125-150	TO-247AD (TO-3P)
MBR4035PT~MBR40200PT ★	40	35-200	330	0.75-0.90	100-1,000	150	TO-247AD (TO-3P)
MBRS6040CTH ★	60	40	250	0.75	100	150	TO-263AB (D ² -PAK)
MBR6040CT ★	60	40	250	0.97	100	150	TO-220AB
MBR6035PT~MBR60100PT ★	60	35-100	420	0.70-0.84	1,000	150	TO-247AD (TO-3P)
SD101CW	0.02	40	2	0.39	0.2	125	SOD-123
RB751V-40	0.03	40	0.2	0.37	0.5	125	SOD-323
RB751V-40WS	0.03	40	0.2	0.37	0.5	125	SOD-323F
RB751M5-40	0.03	40	0.2	0.37	0.5	125	SOD-523F
RB706F-40	0.03	45	0.2	0.37	1	125	SOT-323
TSS0340L	0.03	45	0.5	0.37	0.5	125	1005
TSS0340U	0.03	45	0.5	0.37	1	125	0603
BAS70~BAS70-06	0.07	70	0.1	0.41	0.1	125	SOT-23
TSS70L	0.07	70	0.1	1.00	0.1	125	1005
TSS70U	0.07	70	0.1	1.00	0.1	125	0603
RB520G-30	0.1	30	0.5	0.45	0.5	125	SOD-723F
BAT54GW	0.1	30	0.6	0.24	2	125	SOD-123
RB500V-40	0.1	45	1	0.45	1	125	SOD-323F
B0530WS	0.2	30	5	0.47	500	125	SOD-323F

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Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(A)	(V)	(A)	(V)	(μ A)	($^{\circ}$ C)	
BAT42W~BAT43W	0.2	30	4	1.00	0.5	125	SOD-123
BAT42WS~BAT43WS	0.2	30	4	1.00	0.5	125	SOD-323F
BAT54~BAT54S	0.2	30	0.6	1.00	2	125	SOT-23
BAT54AD~BAT54T	0.2	30	0.6	1.00	2	150	SOT-363
BAT54AW~BAT54W	0.2	30	0.6	1.00	2	150	SOT-323
RB520S-30	0.2	30	1	0.60	1	125	SOD-523F
TSS42L~TSS43L	0.2	30	4	1.00	0.5	125	1005
TSS42U~TSS43U	0.2	30	4	1.00	0.5	125	0603
TSS54L	0.2	30	0.6	1.00	2	125	1005
TSS54U	0.2	30	0.6	1.00	2	125	0603
TSS0230LU	0.2	35	1	0.50	30	125	0603-B
TSS0230U	0.2	35	1	0.60	1	125	0603
BAS40~BAS40-06	0.2	40	0.6	0.38	0.2	125	SOT-23
TSS40L	0.2	40	0.6	0.38	0.2	125	1005
TSS40U	0.2	40	0.6	1.00	0.2	125	0603
RB520SM5-40	0.2	40	1	0.39	1	125	SOD-523F
BAS40M5	0.2	40	0.5	0.38	1	125	SOD-523F
BAT46GW	0.25	100	-	0.25	0.8	125	SOD-123
RB495D	0.35	40	1.5	0.55	70	125	SOT-23
SD103AXM5	0.35	40	2	0.37	5	125	SOD-523F
SD103AW~SD103CW	0.35	20-40	1.5	0.60	5	125	SOD-123
SD103AM3~SD103CM3	0.35	20-40	2	0.37	5	125	SOD-323F
B0520LW~B0540W	0.5	20-40	5.5	0.39-0.51	20-250	125	SOD-123
B0520LWF~B0540WFF	0.5	20-40	5.5	0.39-0.51	20-250	125-150	SOD-123F
BAT210M3	1	20	5	0.27~0.65	10	125	SOD-323F
SKL13B	1	30	50	0.39	200	125	DO-214AA (SMB)
SS120	1	200	40	0.95	100	150	DO-214AC (SMA)
SK12B~SK115B	1	20-150	30	0.50-0.95	100-500	125-150	DO-214AA (SMB)
SS12~SS115	1	20-150	40	0.50-0.95	100-200	125-150	DO-214AC (SMA)
SS12LS~SS115LS	1	20-150	30	0.45-0.90	50-400	125-150	SOD-123HE
SSL12~SSL14	1	20-40	50	0.39	200	125	DO-214AC (SMA)
SS13M~SS16M	1	30-60	25	0.55-0.68	50	150	Micro SMA
SS14LW~SS115LW	1	40-150	30	0.55-0.95	10-100	125-150	SOD-123W
SS1H4LS~SS1H20LS	1	40-200	30	0.65-0.85	1	150	SOD-123HE
SS1H4LW~SS1H20LW	1	40-200	30	0.65-0.85	0.50	175	SOD-123W
SSH210	2	100	75	0.79	1	175	DO-214AA (SMB)
SK22A~SK215A	2	20-150	50	0.50-0.95	100-500	125-150	DO-214AC (SMA)
SS22~SS215	2	20-150	50	0.50-0.95	100-400	125-150	DO-214AA (SMB)
SS22M~SS24M	2	20-40	25	0.60	150	150	Micro SMA
SSL22~SSL24	2	20-40	80	0.41	400	125	DO-214AA (SMB)
SS24LW~SS220LW	2	40-200	50	0.55-0.95	10-200	125-150	SOD-123W
SK32A~SK320A	3	20-200	70	0.55-0.95	100-500	150	DO-214AC (SMA)
SK32B~SK320B	3	20-200	70	0.50-0.95	100-500	125-150	DO-214AA (SMB)
SS32~SS320	3	20-200	75-100	0.50-0.95	100-500	125-150	DO-214AB (SMC)
SSL32~SSL34	3	20-40	100	0.41	200-500	125	DO-214AB (SMC)
SS34LW~SS320LW	3	40-200	80	0.55-0.95	10-200	125-150	SOD-123W

DIODES - SCHOTTKY

Part Number	I _{F (AV)}	V _{RRM}	I _{FSM}	V _f	I _R	T _J Max.	Package Description
	(A)	(V)	(A)	(V)	(μA)	(°C)	
SSB44	4	40	100	0.50	200	150	DO-214AA (SMB)
SK52B~SK515B	5	20-150	120	0.55-0.95	100-500	150	DO-214AA (SMB)
SK52C~SK520C	5	20-200	120	0.55-0.95	300-500	150	DO-214AB (SMC)
SK82C~SK810C	8	20-100	150	0.55-0.90	500	125-150	DO-214AB (SMC)
SRAS820~SRAS8150	8	20-150	150	0.55-0.95	100	125-150	TO-263AB (D ² -PAK)
MBRS10H100CT~MBRS10H200CT	10	100-200	120	0.85-0.88	5	175	TO-263AB (D ² -PAK)
SRS1020~SRS10150	10	20-150	120	0.55-1.00	100-500	125-150	TO-263AB (D ² -PAK)
MBRS1035~MBRS10150	10	35-150	120	0.80-1.05	100	175	TO-263AB (D ² -PAK)
MBRS1035CT~MBRS10150CT	10	35-150	120	0.70-0.88	100	150	TO-263AB (D ² -PAK)
MBRS1045CT-Y~MBRS10150CT-Y	10	45-150	120	0.70-0.88	100	150	TO-263AB (D ² -PAK)
MBR1045CT-Y~MBR10200CT-Y	10	45-200	120	0.70-0.88	100	150	TO-220AB
MBRF1045CT-Y~MBRF10200CT-Y	10	45-200	120	0.70-0.88	100	150	ITO-220AB
MBRS15H45CT	15	45	150	0.68	30	175	TO-263AB (D ² -PAK)
MBRS1535CT~MBRS15150CT	15	35-150	150	0.75-0.95	100	150	TO-263AB (D ² -PAK)
MBR1545CT-Y~MBR15200CT-Y	15	45-200	150	0.75-1.05	100-500	150	TO-220AB
MBRF1545CT-Y~MBRF15200CT-Y	15	45-200	150	0.75-0.95	100-500	150	ITO-220AB
MBRS1545CT-Y~MBRS15200CT-Y	15	45-200	150	0.75-0.95	100	150	TO-263AB (D ² -PAK)
MBRF16H45	16	45	275	0.63	500	150	ITO-220AC
MBRS1635~MBRS16150	16	35-150	150	0.63-0.95	100-500	150	TO-263AB (D ² -PAK)
MBRI20100CT	20	100	150	0.85	100	150	TO-262 (I ² Pak)
MBRS20H100CT~MBRS20H200CT	20	100-200	150	0.85-0.88	5	175	TO-263AB (D ² -PAK)
SRAS2020~SRAS20150	20	20-150	330	0.57-1.02	100-500	150	TO-263AB (D ² -PAK)
SRS2020~SRS20150	20	20-150	200	0.55-1.02	100-500	125-150	TO-263AB (D ² -PAK)
MBRS2035CT~MBRS20150CT	20	35-150	150	0.65-0.99	100	150	TO-263AB (D ² -PAK)
MBR2035CT-Y~MBR20200CT-Y	20	35-200	150	0.80-0.99	100	150	TO-220AB
MBRF2045CT-Y~MBRF20200CT-Y	20	45-200	150	0.80-0.95	100	150	ITO-220AB
MBRS2045CT-Y~MBRS20200CT-Y	20	45-200	150	0.70-0.99	100	150	TO-263AB (D ² -PAK)
MBRS25H45CT	25	45	150	0.70	200	175	TO-263AB (D ² -PAK)
MBRS2535CT~MBRS25150CT	25	35-150	200	0.65-0.95	100-200	150	TO-263AB (D ² -PAK)
MBR2545CT-Y~MBR25150CT-Y	25	45-150	200	0.75-0.95	100-200	150	TO-220AB
MBRS3045CT	30	45	220	0.70	200	150	TO-263AB (D ² -PAK)
MBRS30H45CT	30	45	220	0.70	200	175	TO-263AB (D ² -PAK)
MBRI30100CT	30	100	200	0.84	200	150	TO-262 (I ² Pak)
MBR3045CT-Y~MBR30150CT-Y	30	45-150	200	0.70-0.95	100-200	150	TO-220AB
MBRF3045CT-Y~MBRF30200CT-Y	30	45-200	200	0.70-0.95	200	150	ITO-220AB
MBRS4060CT	40	60	300	0.80	100	175	TO-263AB (D ² -PAK)
MBRS6040CT	60	40	250	0.75	100	150	TO-263AB (D ² -PAK)

DIODES - TRENCH SCHOTTKY

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	I _F (AV)	V _{RRM}	I _{FSM}	V _F	I _R	T _j Max.	Package Description
	(A)	(V)	(A)	(V)	(μA)	(°C)	
TSU1M45H ★	1	45	TBD	0.60	100	175	Micro SMA
TSU1M60H ★	1	60	TBD	0.65	80	175	Micro SMA
TSU2M45H ★	2	45	TBD	0.67	150	175	Micro SMA
TSSA2M45H ★	2	45	TBD	0.63	200	175	SMA
TSSB2M45H ★	2	45	TBD	0.63	200	175	SMB
TSAL2M45H ★	2	45	TBD	0.63	200	175	Thin SMA
TSFS2M45H ★	2	45	TBD	0.63	200	175	SOD-128
TSFS2M60H ★	2	45	TBD	0.69	200	175	SOD-128
TSU2M60H ★	2	60	TBD	0.77	100	175	Micro SMA
TSSA2M60H ★	2	60	TBD	0.72	200	175	SMA
TSSB2M60H ★	2	60	TBD	0.69	200	175	SMB
TSAL2M60H ★	2	60	TBD	0.69	200	175	Thin SMA
TSSA3U45H ★	3	45	50	0.48	500	150	DO-214AC (SMA)
TSSA3U60H ★	3	60	60	0.54	500	150	DO-214AC (SMA)
TSSE3H45H~TSSE3H60H ★	3	45-60	60	0.57-0.60	100	150	SOD-123HE
TSSE3U45H~TSSE3U60H ★	3	45-60	80	0.47-0.58	1,000	150	SOD-123HE
TSSW3U45H~TSSW3U60H ★	3	45-60	50	0.47-0.58	1,000	150	SOD-123W
TSUP5M45SH ★	5	45	110	0.60	150	175	TO-277A (SMPC4.6U)
TSSA5M45H ★	5	45	TBD	0.60	150	175	SMA
TSSB5M45H ★	5	45	TBD	0.60	150	175	SMB
TSSC5M45H ★	5	45	TBD	0.6	150	175	SMC
TSAL5M45H ★	5	45	TBD	0.6	150	175	Thin SMA
TSFS5M45H ★	5	45	TBD	0.6	150	175	SOD-128
TSFS5M60H ★	5	45	TBD	0.64	200	175	SOD-128
TSUP5M60SH ★	5	60	110	0.64	200	175	TO-277A (SMPC4.6U)
TSSA5M60H ★	5	60	TBD	0.64	200	175	SMA
TSSB5M60H ★	5	60	TBD	0.64	200	175	SMB
TSSC5M60H ★	5	60	TBD	0.64	200	175	SMC
TSAL5M60H ★	5	60	TBD	0.64	200	175	Thin SMA
TSSA5U50H~TSSA5U60H ★	5	50-60	75	0.54-0.56	300	150	DO-214AC (SMA)
TSUP8M45SH ★	8	45	150	0.60	200	175	TO-277A (SMPC4.6U)
TSSB8M45H ★	8	45	TBD	0.60	200	175	SMB
TSSC8M45H ★	8	45	TBD	0.6	200	175	SMC
TSUP8M60SH ★	8	60	150	0.64	600	175	TO-277A (SMPC4.6U)
TSSB8M60H ★	8	60	TBD	0.70	600	175	SMB
TSSC8M60H ★	8	60	TBD	0.7	600	175	SMC
TSUP10M45SH ★	10	45	220	0.60	200	175	TO-277A (SMPC4.6U)
TSSB10M45H ★	10	45	TBD	0.60	200	175	SMB
TSSC10M45H ★	10	45	TBD	0.6	200	175	SMC
TSUP10M60SH ★	10	60	220	0.64	250	175	TO-277A (SMPC4.6U)
TSSB10M60H ★	10	60	TBD	0.64	250	175	SMB
TSSC10M60H ★	10	60	TBD	0.64	250	175	SMC
TSUP15M45SH ★	15	45	290	0.60	350	175	TO-277A (SMPC4.6U)
TSUP15M60SH ★	15	60	290	0.64	450	175	TO-277A (SMPC4.6U)
TSN520M60H ★	20	60	200	0.58	500	150	PDFN56
TSSA3U45	3	45	50	0.48	500	150	DO-214AC (SMA)

DIODES - TRENCH SCHOTTKY

Part Number	I _{F (AV)}	V _{RRM}	I _{FSM}	V _f	I _R	T _j Max.	Package Description
	(A)	(V)	(A)	(V)	(μA)	(°C)	
TSS83L45	3	45	30	0.56	500	150	SOD-128
TSSA3U60	3	60	60	0.54	500	150	DO-214AC (SMA)
TSP3H150S	3	150	90	0.86	10	150	TO-277A (SMPC)
TSSE3H45~TSSE3H60	3	45-60	60	0.57-0.60	100	150	SOD-123HE
TSSE3U45~TSSE3U60	3	45-60	80	0.47-0.58	1,000	150	SOD-123HE
TSSW3U45~TSSW3U60	3	45-60	50	0.47-0.58	1,000	150	SOD-123W
TSPB5H100S~TSPB5H150S	5	100-150	100	0.66-0.84	100-150	150	SMPC4.0
TSSA5U50~TSSA5U60	5	50-60	75	0.54-0.56	300	150	DO-214AC (SMA)
TSF10H45C	10	45	110	0.58	20	150	ITO-220AB
TST10H45C	10	45	110	0.58	20	150	TO-220AB
TSF10H60C	10	60	90	0.62	15	150	ITO-220AB
TSP10U60S	10	60	280	0.54	300	150	TO-277A (SMPC)
TST10H60C	10	60	90	0.62	15	150	TO-220AB
TSP10U100S	10	100	140	0.68	150	150	TO-277A (SMPC)
TSD10L200CW	10	200	100	0.90	50	150	TO-263AB (D ² -PAK)
TSP10H200S	10	200	180	0.91	100	150	TO-277A (SMPC)
TST10L200CW	10	200	100	0.90	50	150	TO-220AB
TSD10H100CW~TSD10H200CW	10	100-200	100	0.70-0.91	100	150	TO-263AB (D ² -PAK)
TSF10H100C~TSF10H200C	10	100-200	100	0.70-0.91	100	150	ITO-220AB
TSF10L100CW~TSF10L200CW	10	100-200	100	0.80-0.90	50-100	150	ITO-220AB
TST10H100CW~TST10H200CW	10	100-200	100	0.70-0.91	100	150	TO-220AB
TSP10H45S~TSP10H60S	10	45-60	180	0.57-0.64	150	150	TO-277A (SMPC)
TSP12U120S	12	120	150	0.78	500	150	TO-277A (SMPC)
TSPB15U45S	15	45	200	0.56	300	150	SMPC4.0
TSP15U50S	15	50	280	0.56	2,000	150	TO-277A (SMPC)
TSPB15U50S	15	50	200	0.56	2,000	150	SMPC4.0
TSP15U100S	15	100	150	0.70	250	150	TO-277A (SMPC)
TSPB15U100S	15	100	150	0.70	250	150	SMPC4.0
TSP15H150S~TSP15H200S	15	150-200	250	0.84-0.89	150	150	TO-277A (SMPC)
TST20H45C	20	45	210	0.57	58	150	TO-220AB
TSF20H45C	20	45	210	0.57	55	150	ITO-220AB
TST20H60C	20	60	200	0.65	29	150	TO-220AB
TSF20H60C	20	60	200	0.65	30	150	ITO-220AB
TSF20U100C	20	100	150	0.79	500	150	ITO-220AB
TST20U100C	20	100	150	0.79	500	150	TO-220AB
TSF20H100C-S~TSF20H150C-S	20	100-150	120	0.79-0.92	100-150	150	ITO-220AB
TSD20H100CW~TSD20H200CW	20	100-200	150	0.79-0.93	100-200	150	TO-263AB (D ² -PAK)
TSF20H100C~TSF20H200C	20	100-200	120	0.81-0.93	100-250	150	ITO-220AB
TSF20L100C~TSF20L200C	20	100-200	100	0.86-0.98	100	150	ITO-220AB
TST20H100CW~TST20H200CW	20	100-200	150	0.79-0.93	100-200	150	TO-220AB
TST20L100CW~TST20L200CW	20	100-200	100	0.84-0.99	100	150	TO-220AB
TSF20U45C~TSF20U60C	20	45-60	180-200	0.53-0.54	300	150	ITO-220AB
TST20U45C~TST20U60C	20	45-60	120	0.53-0.54	300	150	TO-220AB
TSF30H45C	30	45	250	0.61	112	150	ITO-220AB
TSF30U45C	30	45	250	0.500	500	150	ITO-220AB
TST30L45C	30	45	120	0.67	650	150	TO-220AB

DIODES - TRENCH SCHOTTKY

Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_F	I_R	T_J Max.	Package Description
	(A)	(V)	(A)	(V)	(μ A)	(°C)	
TST30H45C	30	45	250	0.61	94	150	TO-220AB
TSF30H60C	30	60	230	0.70	50	150	ITO-220AB
TSF30U60C	30	60	250	0.57	500	150	ITO-220AB
TST30L60CW	30	60	180	0.60	500	150	TO-220AB
TST30H60C	30	60	250	0.70	55	150	TO-220AB
TSF30U100C~TSF30U120C	30	100-120	160	0.74-0.88	500	150	ITO-220AB
TSD30H100CW-TSD30H200CW	30	100-200	200	0.78-0.92	150-250	150	TO-263AB (D ² -PAK)
TSF30H100C~TSF30H200C	30	100-200	150	0.82-0.92	150	150	ITO-220AB
TSF30L100C~TSF30L200C	30	100-200	160	0.80-0.96	100-250	150	ITO-220AB
TST30H100CW~TST30H200CW	30	100-200	200	0.78-0.92	150-250	150	TO-220AB
TST30L100CW~TST30L200CW	30	100-200	200	0.82-0.96	100-200	150	TO-220AB
TSF30L45C~TSF30L60C	30	45-60	180	0.55-0.62	500	150	ITO-220AB
TST30U45C~TST30U60C	30	45-60	250	0.54-0.57	500	150	TO-220AB
TSF40U100C	40	100	250	0.70	500	150	ITO-220AB
TSF40H100C~TSF40H200C	40	100-200	250	0.72-0.93	150-500	150	ITO-220AB
TSF40L100C~TSF40L200C	40	100-200	200	0.80-0.98	100-250	150	ITO-220AB
TST40L100CW~TST40L200CW	40	100-200	220	0.83-0.98	100-200	150	TO-220AB

DIODES - ESD CAPABILITY

($T_A=25^\circ\text{C}$ unless otherwise noted)

★ =AEC-Q qualified

Part Number	I_F (AV)	V_{RRM}	I_{FSM}	V_F	ISO 10605, C = 330 pF, R = 330 Ω (Typ.)	T_J Max.	Package Description
	(A)	(V)	(A)	(V)	(kV)	(°C)	
TSDGLWH ★	1	400	40	1.00	25	175	SOD-123W
TSD1GH ★	1	400	40	1.25	25	175	DO-214AC (SMA)
TSD2GH ★	2	400	50	1.00	30	175	DO-214AA (SMB)
TSD3GH ★	3	400	100	1.00	30	175	DO-214AB (SMC)
TSDGLW	1	400	40	1.00	25	175	SOD-123W
TSD1G	1	400	40	1.25	25	175	DO-214AC (SMA)
TSD2G	2	400	50	1.00	30	175	DO-214AA (SMB)
TSD3G	3	400	100	1.00	30	175	DO-214AB (SMC)

DIODES - SWITCHING (SMALL SIGNAL 150...500mW)

(T_A=25°C unless otherwise noted)

Part Number	V _{RRM}	V _R	P _D	I _{F(AV)}	I _{FSM}	Pulse Width	V _F @ I _F		I _R @ V _R		C _j (Typ.) @ V _R @ f			t _{rr}	T _J Max.	Package Description
	(V)	(V)	(mW)	(A)	(A)	(ms)	(V)	(mA)	(μA)	(V)	(pF)	(V)	MHz	(ns)	(°C)	
BAW56~BAV99	70	70	225	0.20	2	0.001	1.00	50	2.500	70	2	0	1	6	150	SOT-23
BAV99L	70	70	225	0.20	0.5	0.001	1.00	50	2.500	70	2	0	1	6	150	SOT-23
TS4148C	75	75	200	0.10	0.8	8.3	1.00	10	0.025	20	4	0	1	4	150	0603 (Ceramics)
BAS16	75	75	225	0.15	2	1	0.72	1	1.000	75	2	0	1	4	150	SOT-23
BAS116	75	75	225	0.20	0.5	-	0.90	1	0.005	75	2	0	1	3	150	SOT-23
TS4148 RWG	75	75	350	0.15	4	0.001	1.00	50	25	20	4	0	1	4	125	1005
TS4148 RYG	75	75	500	0.15	2	8.3	1.00	100	0.025	20	4	0	1	4	175	0805 (Ceramics)
TS4148 RBG	75	75	500	0.15	2	8.3	1.00	100	0.025	20	4	0	1	4	175	0805 (Ceramics)
TS4148 RXG	75	75	500	0.15	2	8.3	1.00	10	0.025	20	4	0	1	4	150	1206 (Ceramics)
TS4148 RAG	75	75	500	0.15	2	8.3	1.00	10	0.025	20	4	0	1	4	150	1206 (Ceramics)
1N4148W~1N914BW	75	100	400	0.15	-	-	0.72-1	5-10	0.025	20	4	0	1	4	150	SOD-123F
BAV99W	85	75	200	0.15	4	0.001	0.72	1	0.030	25	2	0	1	4	150	SOT-323
1SS355	90	80	200	0.25	0.5	-	1.20	100	0.100	80	4	1	1	4	150	SOD-323F
1SS133M	90	90	300	0.15	2	-	1.20	100	0.500	80	4	0	1	4	200	DO-34
1N4148WS-G	100	75	200	0.15	2	0.001	1.00	50	0.025	20	2	0	1	4	150	SOD-323
MMBD4148/CA/CC/SE	100	75	350	0.20	2	0.001	0.82	10	0.025	20	4	0	1	4	150	SOT-23
LS4148	100	75	500	0.15	2	-	1.00	10	0.025	20	4	0	1	4	175	QMMELF
TS4448 RG	100	100	150	0.13	2	8.3	0.72	5	0.025	20	9	1	1	9	125	0603
TS4448 RW	100	100	200	0.13	2	8.3	0.72	5	0.025	20	9	0	1	4	125	1005
1N4148WS~1N914BWS	100	100	200	0.15	-	-	0.72-1	5-10	5	20	4	0	1	4	150	SOD-323F
1SS400	100	100	200	0.20	0.5	-	1.20	100	0.1	80	4	1	1	4	150	SOD-523F
1N4148W-G	100	100	350	0.15	2	1	0.72	1	0.025	20	2	0	1	4	150	SOD-123
1N4148~1N914B	100	100	500	0.15	2	0.001	0.72-1	5-10	0.025	20	4	0	1	4	150	DO-35
BAS316WS	100	100	200	0.25	4	0.001	0.715	1	0.030	25	1.5	0	1	4	150	SOD-323F
BAS316	100	100	200	0.25	4	0.001	0.86	10	0.030	25	2	0	1	4	150	SOD-323
BAS21~BAS21S	250	250	225	0.20	1	0.001	1.00	100	0.100	200	5	1	1	50	150	SOT-23
BAV101~BAV103	250	250	500	0.20	4	0.001	1.00	100	0.100	100-200	5	0	1	50	200	MMELF
BAV19W~BAV21W	250	200-250	410	0.20	1-4	0.001	1.00	100	0.100	100-200	5	0	1	50	150	SOD-123F
MMBD3004/CA/CC/SE	350	350	350	0.23	4	0.001	1.00	100	0.100	240	5	1	1	50	150	SOT-23
BAS19~BAS20	100-150	100-150	250	0.20	-	-	1.00	100	0.100	100-150	5	0	1	50	150	SOT-23
BAS19W~BAS21W	100-250	100-250	200	0.20	-	-	1.25	100	0.100	100-250	5	0	1	50	150	SOT-323
BAV19W-G~BAV21W-G	120-250	100-250	500	0.20	2.5	1	1.00	100	0.100	100-200	5	0	1	50	150	SOD-123
BAV19WS-G~BAV21WS-G	120-250	100-250	200	0.5	2.5	0.001	1.00	100	0.100	100-200	5	0	1	50	150	SOD-323
BAV19WS~BAV21WS	120-250	120-250	200	0.2	2.5	0.001	1.00	100	0.1	100-200	5	0	1	50	150	SOD-323F
BAV19~BAV21	120-250	120-250	500	0.20	4	0.001	1.00	100	0.100	100-200	5	0	1	50	175	DO-35
LL4148~LL4448	75-100	75	500	0.15	2	8.3	0.72-1	5-50	0.025	20	4	0	1	4	175	MMELF

DIODES - TVS

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	Polarity	Steady State Power Dissipation at T _c =75°C, Lead Length 0.375", 9.5mm	Peak Power Dissipation at T _A = 25°C, tp=1ms	Breakdown Voltage		Stand Off Voltage	Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load	Package Description
		P _D (W)	P _{PK} (W)	V _{BR} Min.(V)	V _{BR} Max.(V)	V _{WM} (V)	I _{FSM} (A)	
SMF9.0AH~SMF100AH ★	Unidirectional	1	200	10-111	11.1-123	9-100	not available	SOD-123W
SMAJ5.0H~SMAJ188H ★	Unidirectional	1	300-400	6.4-209	7.3-255	5-188	40	DO-214AC (SMA)
SMAJ5.0AH~SMAJ188AH ★	Unidirectional			6.4-209	7-231	5-188		DO-214AC (SMA)
SMAJ5.0CH~SMAJ188CH ★	Bidirectional			6.4-209	7.3-255	5-188		DO-214AC (SMA)
SMAJ5.0CAH~SMAJ188CAH ★	Bidirectional			6.4-209	7-231	5-188		DO-214AC (SMA)
BZW04-5V8~BZW04-376 ★	Unidirectional	1	400	6.45-418	7.14-462	5.8-376	40	DO-204AL (DO-41)
BZW04-5V8B~BZW04-376B ★	Bidirectional			6.45-418	7.14-462	5.8-376		DO-204AL (DO-41)
P4KE6.8~P4KE440 ★	Unidirectional	1	400	6.12-396	7.48-484	5.5-356	40	DO-204AL (DO-41)
P4KE6.8A~P4KE440A ★	Unidirectional			6.46-418	7.14-462	5.8-376		DO-204AL (DO-41)
P4KE6.8C~P4KE440C ★	Bidirectional			6.12-396	7.48-484	5.5-356		DO-204AL (DO-41)
P4KE6.8CA~P4KE440CA ★	Bidirectional			6.46-418	7.14-462	5.8-376		DO-204AL (DO-41)
P4SMA6.8H~P4SMA200H ★	Unidirectional	1	400	6.12-180	7.48-220	5.5-162	40	DO-214AC (SMA)
P4SMA6.8AH~P4SMA200AH ★	Unidirectional			6.46-190	7.14-210	5.8-171		DO-214AC (SMA)
P4SMA6.8CH~P4SMA200CH ★	Bidirectional			6.12-180	7.48-220	5.5-162		DO-214AC (SMA)
P4SMA6.8CAH~P4SMA200CAH ★	Bidirectional			6.46-190	7.14-210	5.8-171		DO-214AC (SMA)
BZW06-13~BZW06-376 ★	Unidirectional	1.7	600	14.3-418	15.8-462	12.8-376	100	DO-204AC (DO-15)
BZW06-13B~BZW06-376B ★	Bidirectional			14.3-418	15.8-462	12.8-376		DO-204AC (DO-15)
SA5.0~SA170 ★	Unidirectional	3	500	6.4-189	7.3-231	5-170	70	DO-204AC (DO-15)
SA5.0A~SA170A ★	Unidirectional			6.4-189	7-209	5-170		DO-204AC (DO-15)
SA5.0C~SA170C ★	Bidirectional			6.4-189	7.3-231	5-170		DO-204AC (DO-15)
SA5.0CA~SA170CA ★	Bidirectional			6.4-189	7-209	5-170		DO-204AC (DO-15)
P6SMB6.8H~P6SMB220H ★	Unidirectional	3	600	6.12-198	7.48-242	5.5-175	100	DO-214AA (SMB)
P6SMB6.8AH~P6SMB220AH ★	Unidirectional			6.45-209	7.14-231	5.8-185		DO-214AA (SMB)
P6SMB6.8CH~P6SMB220CH ★	Bidirectional			6.12-198	7.48-242	5.5-175		DO-214AA (SMB)
P6SMB6.8CAH~P6SMB220CAH ★	Bidirectional			6.45-209	7.14-231	5.8-185		DO-214AA (SMB)
SMBJ5.0H~SMBJ170H ★	Unidirectional	3	600	6.4-189	7.3-231	5-170	100	DO-214AA (SMB)
SMBJ5.0AH~SMBJ170AH ★	Unidirectional			6.4-189	7-209	5-170		DO-214AA (SMB)
SMBJ5.0CH~SMBJ170CH ★	Bidirectional			6.4-189	7.3-231	5-170		DO-214AA (SMB)
SMBJ5.0CAH~SMBJ170CAH ★	Bidirectional			6.4-189	7-209	5-170		DO-214AA (SMB)
SMA6J10AH~SMA6J30AH ★	Unidirectional	4	600	11.1-33.3	12.3-36.8	10-30	50	DO-214AC (SMA)
P6KE6.8~P6KE440 ★	Unidirectional	5	600	6.12-396	7.48-484	5.5-356	100	DO-204AC (DO-15)
P6KE6.8A~P6KE440A ★	Unidirectional			6.45-418	7.14-462	5.8-376		DO-204AC (DO-15)
P6KE6.8C~P6KE440C ★	Bidirectional			6.12-396	7.48-484	5.5-356		DO-204AC (DO-15)
P6KE6.8CA~P6KE440CA ★	Bidirectional			6.46-418	7.14-462	5.8-376		DO-204AC (DO-15)
1KSMB10AH~1KSMB100AH ★	Unidirectional	5	1,000	9.5-95	10.5-105	8.6-85.5	100	DO-214AA (SMB)
1KSMB10CAH~1KSMB100CAH ★	Bidirectional			9.5-95	10.5-105	8.6-85.5		DO-214AA (SMB)
SMB10J9.0AH~SMB10J40AH ★	Unidirectional	5	1,000	10-44.4	11.1-49.1	9-40	100	DO-214AA (SMB)
SMB10J9.0CAH~SMB10J40CAH ★	Bidirectional			10-44.4	11.1-49.1	9-40		DO-214AA (SMB)
1.5KE6.8~1.5KE440 ★	Unidirectional	5	1,500	6.12-396	7.14-484	5.5-356	200	DO-201
1.5KE6.8A~1.5KE440A ★	Unidirectional			6.45-418	7.14-462	5.8-376		DO-201
1.5KE6.8C~1.5KE440C ★	Bidirectional			6.12-396	7.48-484	5.5-356		DO-201
1.5KE6.8CA~1.5KE440CA ★	Bidirectional			6.46-418	7.14-462	5.8-376		DO-201

DIODES - TVS

Part Number	Polarity	Steady State Power Dissipation at T _L =75°C, Lead Length 0.375", 9.5mm	Peak Power Dissipation at T _A = 25°C, tp=1ms	Breakdown Voltage		Stand Off Voltage	Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load	Package Description
		P _D (W)	P _{PK} (W)	V _{BR} Min.(V)	V _{BR} Max.(V)	V _{WM} (V)	I _{FSM} (A)	
SMCJ5.0H~SMCJ170H ★	Unidirectional	5	1,500	6.4-189	7.3-231	5-170	200	DO-214AB (SMC)
SMCJ5.0AH~SMCJ170AH ★	Unidirectional			6.4-189	7-209	5-170		DO-214AB (SMC)
SMCJ5.0CH~SMCJ170CH ★	Bidirectional			6.4-189	7.3-231	5-170		DO-214AB (SMC)
SMCJ5.0CAH~SMCJ170CAH ★	Bidirectional			6.4-189	7-209	5-170		DO-214AB (SMC)
1K5SMPC12APH~1K5SMPC51APH ★	Unidirectional	-	1,500	11.4-48.5	12.6-53.6	10.2-43.6	200	TO-277A (SMPC4.6U)
TLD5S10AH~TLD5S43AH ★	Unidirectional	5	3,600	11.1-47.8	12.3-52.8	10-43	500	DO-218AB
TLD6S10AH~TLD6S43AH ★	Unidirectional	6	4,600	11.1-47.8	12.3-52.8	10-43	600	DO-218AB
5.0SMDJ16AH~5.0SMDJ100AH ★	Unidirectional	6.25	5,000	17.8-111	19.7-123	16-100	not available	DO-214AB(SMC)
1.5SMC6.8H~1.5SMC200H ★	Unidirectional	6.5	1,500	6.12-180	7.48-220	5.5-162	200	DO-214AB (SMC)
1.5SMC6.8AH~1.5SMC200AH ★	Unidirectional			6.46-190	7.14-210	5.8-171		DO-214AB (SMC)
1.5SMC6.8CH~1.5SMC200CH ★	Bidirectional			6.12-180	7.48-220	5.5-162		DO-214AB (SMC)
1.5SMC6.8CAH~1.5SMC200CAH ★	Bidirectional			6.46-190	7.14-210	5.8-171		DO-214AB (SMC)
SMDJ10AH~SMDJ100AH ★	Unidirectional	6.5	3,000	11.1-111	12.3-123	10-100	300	DO-214AB (SMC)
SMDJ10CAH~SMDJ64CAH ★	Bidirectional			11.1-71.1	12.3-78.6	10-64		DO-214AB (SMC)
SMA6S12AH~SMA6S60AH ★	Unidirectional	7.14	600	13.4-67.1	14.8-74.1	12-60	not available	SOD-128
SMA6F12AH~SMA6F60AH ★	Unidirectional	7.14	600	13.4-67.1	14.8-74.1	12-60	not available	Thin SMA
SMA4S12AH~SMA4S60AH ★	Unidirectional	7.5	400	13.4-67.1	14.8-74.1	12-60	not available	SOD-128
SMA4F12AH~SMA4F60AH ★	Unidirectional	7.5	400	13.4-67.1	14.8-74.1	12-60	not available	Thin SMA
TLD8S10AH~TLD8S43AH ★	Unidirectional	8	6,600	11.1-47.8	12.3-52.8	10-43	700	DO-218AB
3KSMC12AH~3KSMC47AH ★	Unidirectional	8.5	3,000	11.4-44.4	12.6-49	10-40	300	DO-214AB (SMC)
5KSMC10AH~5KSMC40AH ★	Unidirectional	12.5	5,000	11.4-44.4	12.6-49	10-40	350	DO-214AB (SMC)
SMF5.0A~SMF100A	Unidirectional	1	200	6.4-111	7-123	5-100	not available	SOD-123W
P4SMA6.8~P4SMA200	Unidirectional	1	400	6.12-180	7.48-220	5.5-162	40	DO-214AC (SMA)
P4SMA6.8A~P4SMA200A	Unidirectional			6.46-190	7.14-210	5.8-171		DO-214AC (SMA)
P4SMA6.8C~P4SMA200C	Bidirectional			6.12-180	7.48-220	5.5-162		DO-214AC (SMA)
P4SMA6.8CA~P4SMA200CA	Bidirectional			6.46-190	7.14-210	5.8-171		DO-214AC (SMA)
SMAJ5.0~SMAJ188	Unidirectional	1	300-400	6.4-209	7.3-255	5-188	40	DO-214AC (SMA)
SMAJ5.0A~SMAJ188A	Unidirectional			6.4-209	7-231	5-188		DO-214AC (SMA)
SMAJ5.0C~SMAJ188C	Bidirectional			6.4-209	7.3-255	5-188		DO-214AC (SMA)
SMAJ5.0CA~SMAJ188CA	Bidirectional			6.4-209	7-231	5-188		DO-214AC (SMA)
P6SMB6.8~P6SMB220	Unidirectional	3	600	6.12-198	7.48-242	5.5-175	100	DO-214AA (SMB)
P6SMB6.8A~P6SMB220A	Unidirectional			6.45-209	7.14-231	5.8-185		DO-214AA (SMB)
P6SMB6.8C~P6SMB220C	Bidirectional			6.12-198	7.48-242	5.5-175		DO-214AA (SMB)
P6SMB6.8CA~P6SMB220CA	Bidirectional			6.45-209	7.14-231	5.8-185		DO-214AA (SMB)
SMBJ5.0~SMBJ170	Unidirectional	3	600	6.4-189	7.3-231	5-170	100	DO-214AA (SMB)
SMBJ5.0C~SMBJ170C	Bidirectional			6.4-189	7.3-231	5-170		DO-214AA (SMB)
SMBJ5V0A~SMBJ170A	Unidirectional			6.4-189	7-209	5-170		DO-214AA (SMB)
SMBJ5V0CA~SMBJ170CA	Bidirectional			6.4-189	7-209	5-170		DO-214AA (SMB)
SMA6J10A~SMA6J30A	Unidirectional	4	600	11.1-33.3	12.3-36.8	10-30	50	DO-214AC (SMA)
1KSMB10A~1KSMB100A	Unidirectional	5	1,000	9.5-95	10.5-105	8.6-85.5	100	DO-214AA (SMB)
1KSMB10CA~1KSMB100CA	Bidirectional			9.5-95	10.5-105	8.6-85.5		DO-214AA (SMB)

DIODES - TVS

Part Number	Polarity	Steady State Power Dissipation at $T_J=75^{\circ}\text{C}$, Lead Length 0.375", 9.5mm	Peak Power Dissipation at $T_A=25^{\circ}\text{C}$, $t_p=1\text{ms}$	Breakdown Voltage		Stand Off Voltage	Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load	Package Description
		P_D (W)	P_{PK} (W)	V_{BR} Min.(V)	V_{BR} Max.(V)	V_{WM} (V)	I_{FSM} (A)	
SMB10J9.0A~SMB10J40A	Unidirectional	5	1,000	10-44.4	11.1-49.1	9-40	100	DO-214AA (SMB)
SMB10J9.0CA~SMB10J40CA	Bidirectional			10-44.4	11.1-49.1	9-40		DO-214AA (SMB)
SMCJ5.0~SMCJ170	Unidirectional	5	1,500	6.4-189	7.3-231	5-170	200	DO-214AB (SMC)
SMCJ5.0C~SMCJ170C	Bidirectional			6.4-189	7.3-231	5-170		DO-214AB (SMC)
SMCJ5V0A~SMCJ170A	Unidirectional			6.4-189	7-209	5-170		DO-214AB (SMC)
SMCJ5V0CA~SMCJ170CA	Bidirectional			6.4-189	7-209	5-170		DO-214AB (SMC)
1V5KE6V8A~1V5KE440A	Unidirectional	5	1,500	6.45-418	7.14-462	5.8-376	200	DO-201
1V5KE6V8CA~1V5KE440CA	Bidirectional			6.45-418	7.14-462	5.8-376		DO-201
5.0SMDJ16A~5.0SMDJ100A	Unidirectional	6.25	5,000	17.8-111	19.7-123	16-100	not available	DO-214AB(SMC)
1.5SMC6.8~1.5SMC200	Unidirectional	6.5	1,500	6.12-180	7.48-220	5.5-162	200	DO-214AB (SMC)
1.5SMC6.8A~1.5SMC200A	Unidirectional			6.46-190	7.14-210	5.8-171		DO-214AB (SMC)
1.5SMC6.8C~1.5SMC200C	Bidirectional			6.12-180	7.48-220	5.5-162		DO-214AB (SMC)
1.5SMC6.8CA~1.5SMC200CA	Bidirectional			6.46-190	7.14-210	5.8-171		DO-214AB (SMC)
SMDJ10A~SMDJ100A	Unidirectional	6.5	3,000	11.1-111	12.3-123	10-100	300	DO-214AB (SMC)
SMDJ10CA~SMDJ64CA	Bidirectional			11.1-71.1	12.3-78.6	10-64		DO-214AB (SMC)

DIODES - ZENER

(T_A=25°C unless otherwise noted)

Part Number	P _D (mW)	Tolerance +/- (%)	V _Z @ I _{ZT} Nom. (V)	V _Z @ I _{ZT} Min. (V)	V _Z @ I _{ZT} Max. (V)	I _{ZT} @ V _Z (mA)	Z _{VT} @ I _{ZT} (Ω)	Z _{ZK} @ I _{ZK} (mA)	I _R @ V _R (μA)	I _R @ V _R (V)	T _J Max. (°C)	Package Description
BZX584B2V4~BZX584B75	150	2	2.4-75	-	-	2-5	10-265	0.25-1	0.1-50	1-56	150	SOD-523F
TSZU52C2V0~TSZU52C39	150	5	2-39	-	-	5	7-100	1.00	0.1-100	0.8-29	-	0603
BZT52B2V4S~BZT52B75S	200	2	2.4-75	-	-	2-5	10-255	0.5-1	0.045-45	1-52.5	150	SOD-323F
UDZS3V6B~UDZS36B	200	2	3.6-36	-	-	5	20-100	0.5-1	0.045-4.5	1-27	-	SOD-323F
BZT52C2V4S~BZT52C75S	200	5	2.4-75	-	-	2-5	10-255	0.5-1	0.045-45	1-52.5	150	SOD-323F
BZT52C2V7K~BZT52C75K	200	5	2.7-75	-	-	1-5	10-255	1.00	0.1-120	1-57	-	SOD-523F
AZ23C2V7~AZ23C51	300	5	2.7-51	-	-	5	7-100	1.00	-	0.8-38	150	SOT-23
BZX84C2V4~BZX84C39	300	5	2.4-39	-	-	2-5	10-130	0.5-1	0.1-50	1-27.3	150	SOT-23
BZT52C2V4-G~BZT52C75-G	350	5	2.4-75	-	-	2-5	10-265	0.25-1	0.1-50	1-56	150	SOD-123
BZT52B2V4-G~BZT52B75-G	410	2	2.4-75	-	-	2-5	10-255	0.5-1	-	1-52.5	150	SOD-123
BZT52B2V4~BZT52B75	500	2	2.4-75	-	-	2-5	10-255	0.5-1	0.045-45	1-52.5	-	SOD-123F
BZV55B2V4~BZV55B75	500	2	2.4-75	-	-	2.5-5	7-170	0.5-1	0.1-50	1-56	-	MMELF
BZX55B2V4~BZX55B75	500	2	2.4-75	2.35-73.5	2.45-76.5	2.5-5	7-170	0.5-1	0.1-50	1-56	175	DO-35
BZX79B2V4~BZX79B75	500	2	2.4-75	2.35-73.5	2.45-76.5	2.5-5	10-255	0.5-1	0.05-100	1-52.5	175	DO-35
BZY55B2V4~BZY55B36	500	2	2.4-36	-	-	5	7-85	1.00	0.1-50	1-27	-	0805 (Ceramics)
MTZJ2V0SA~MTZJ56S	500	2	1.99-56.5	1.88-53	2.1-60	5	20-110	-	-	-	175	DO-34
1N5221B~1N5263B	500	5	2.4-56	-	-	2.2-20	5-150	0.25	0.1-100	1-43	200	DO-35
BZS55C2V4~BZS55C36	500	5	2.4-36	-	-	5	7-85	1.00	0.1-50	1-27	-	1206 (Ceramics)
BZT52C2V4~BZT52C75	500	5	2.4-75	-	-	2-5	10-255	0.5-1	0.045-45	1-52.5	-	SOD-123F
BZT55C2V4~BZT55C75	500	5	2.4-75	-	-	2.5-5	7-170	0.5-1	0.1-50	1-56	-	QMMELF
BZV55C2V4~BZV55C75	500	5	2.4-75	-	-	2.5-5	7-170	0.5-1	0.1-50	1-56	-	MMELF
BZX55C2V0~BZX55C75	500	5	2-75	1.88-70	2.11-80	2.5-5	7-170	0.5-1	0.1-100	1-56	175	DO-35
BZX79C2V0~BZX79C75	500	5	2-75	-	-	2.5-5	10-255	0.5-1	0.05-150	1-52.5	-	DO-35
BZY55C2V4~BZY55C36	500	5	2.4-36	-	-	5	7-85	1.00	0.1-50	1-27	-	0805 (Ceramics)
MMSZ5221B~MMSZ5262B	500	5	2.4-51	-	-	2.5-20	5-125	0.25	0.1-100	1-39	150	SOD-123F
1N4728G~1N4758G	1,000	5	3.3-56	-	-	4.5-76	2-110	0.25-1	5-100	1-42.6	-	DO-204AL (DO-41)
ZM4728A~ZM4758A	1,000	5	3.3-56	-	-	4.5-76	2-110	0.25-1	5-100	1-42.6	-	MELF
BZX85C3V3~BZX85C56	1,300	5	3.3-56	-	-	4-80	3-120	0.25-1	0.5-40	1-39	-	DO-204AL (DO-41)

DIODES - ZENER

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	P _D (mW)	Tolerance +/- (%)	V _Z @ I _{ZT} Nom. (V)	V _Z @ I _{ZT} Min. (V)	V _Z @ I _{ZT} Max. (V)	I _{ZT} @ V _Z (mA)	T _J Max. (°C)	Package Description
1N4740A~1M200Z ★	1,000	5	10-200	9.5-190	10.5-210	1.2-25	150	DO-204AL (DO-41)
BZD27C11PWH~BZD27C220PWH ★	1,000	5	11-220	10.5-209	11.6-231	5-50	175	SOD-123W
1PGSMA4740H~1PGSMA200ZH ★	1,000	5	10-200	9.5-190	10.5-210	1.2-25	175	DO-214AC (SMA)
BZD27C10PH~BZD27C220PH ★	1,000	6	10-220	9.4-208	10.6-233	5-50	175	Sub SMA
1SMA4737H~1SMA200ZH ★	1,250	5	7.5-200	-	-	1.2-34	175	DO-214AC (SMA)
1SMA5926H~1SMA5956H ★	1,500	5	11-200	10.45-190	11.55-210	1.9-34.1	150	DO-214AC (SMA)
2M6.8Z~2M200Z ★	2,000	5	6.8-200	-	-	2.5-100	150	DO-204AC (DO-15)
1SMB5926H~1SMB5956H ★	3,000	5	11-200	10.45-190	11.55-210	1.9-34.1	150	DO-214AA (SMB)
1PGSMB5926H~1PGSMB5956H ★	3,000	5	11-200	10.45-190	11.55-210	1.9-34.1	175	DO-214AA (SMB)
1SMC5352H ★	5,000	5	15	-	-	75	150	DO-214AB (SMC)
1PGSMC5348H~1PGSMC5369H ★	5,000	5	11-51	10.45-48.45	11.55-53.55	25-125	175	DO-214AB (SMC)
M3Z2V0C~M3Z75VC	200	5	2-75	1.9-71.25	2.1-78.75	2.5-5	150	SOD-323F
BZD27C11PW~BZD27C220PW	1,000	5	11-220	10.5-209	11.6-231	5-50	175	SOD-123W
1PGSMA4740~1PGSMA200Z	1,000	5	10-200	9.5-190	10.5-210	1.2-25	175	DO-214AC (SMA)
BZD27C10P	1,000	6	10	9.4	10.6	50	175	Sub SMA
1SMA4737~1SMA200Z	1,250	5	7.5-200	-	-	1.2-34	175	DO-214AC (SMA)
1SMA5926~1SMA5956	1,500	5	11-200	10.45-190	11.55-210	1.9-34.1	150	DO-214AC (SMA)
1SMB5926~1SMB5956	3,000	5	11-200	10.45-190	11.55-210	1.9-34.1	150	DO-214AA (SMB)
1PGSMB5926~1PGSMB5956	3,000	5	11-200	10.45-190	11.55-210	1.9-34.1	175	DO-214AA (SMB)
1SMC5352	5,000	5	15	-	-	75	150	DO-214AB (SMC)
1PGSMC5348~1PGSMC5369	5,000	5	11-51	10.45-48.45	11.55-53.55	25-125	175	DO-214AB (SMC)

ESD - PROTECTION

(T_A=25°C unless otherwise noted)

Part Number	Family	V _{BR} (Min.)	I _R	V _{WM}	@ V _{WM} I _D	I _{PPM}	@ I _{PPM} V _C	C _J	P _{PP}	T _J Max.	Channel	Package Description
		(V)	(μA)	(V)	(μA)	(A)	(V)	(pF)	(W)	(°C)		
TESDL5V0B12P1Q0	Bidirectional	5.1	1	5	1	6	12	12	70	125	1	DFN0603-02L
TESDL5V0B45P1M3	Bidirectional	5.5	0.1	5	0.1	12	14	45	130	150	1	SOD-323
TESD5V0L1UC	Bidirectional	6	0.1	5	0.1	3	15	2	100	150	1	DFN1006L
TESDH5V0B05P1Q1	Bidirectional	7	0.05	5	0.05	5.5	8.5	0.5	46	125	1	DFN1006-2L
TESDH3V3B02P4Q2	Bidirectional	9	0.1	3.3	0.1	5.5	6	0.28	33	125	4	DFN2510-10L
TESD24VS2BT	Bidirectional	25.4	5	24	0.05	3	70	11	200	150	2	SOT-23
TESDU5V0~TESDU24V	Bidirectional	5.1-25	2	5-24	2	1-5	15-47	10-15	25-75	150	1	0603
TESD5V0V4UCU6	Unidirectional	6	3	5	3	6	25	3	150	150	4	SOT-363
TESD5V0V4UCX6	Unidirectional	6	0.1	5	0.1	5	15	0.6	75	150	4	SOT-26
TESD5V0V4UA	Unidirectional	6	1	5	1	5	19	0.8	95	125	4	2510P10
TESDH5V0U04P2Q1	Unidirectional	7	0.1	5	0.1	4	15	0.65	60	125	2	DFN1006-3L

MOSFETS - DUAL, ASYMMETRIC DUAL AND COMPLEMENTARY

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	Configuration	Technology	Type	V _{DS}	V _{GS}	I _D	V _{GS(th)}			R _{DS(ON)}			
				(V)	± (V)	Max. (A)	Min. (V)	Typ. (V)	Max. (V)	@ 10V		@ 4.5V	
										Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)
TQM110NB04DCR ★	Dual	Trench	N-Channel	40	20	50	1.8	2.5	3.8	8	11	-	-
TQM150NB04DCR ★	Dual	Trench	N-Channel	40	20	39	1.8	2.8	4	10.3	15	-	-
TQM250NB06DCR ★	Dual	Trench	N-Channel	60	20	30	1.8	2.6	3.8	21	25	-	-
TQM300NB06DCR ★	Dual	Trench	N-Channel	60	20	25	1.8	2.6	3.8	25	30	-	-
TSM8568CS	Complementary	Trench	N-Channel	30	20	15	1	1.4	2.5	10	16	13	20
TSM8568CS	Complementary	Trench	P-Channel	-30	25	13	-1	-1.7	-2.5	18	24	30	37
TSM8588CS	Complementary	Trench	N-Channel	60	20	5	1.2	1.8	2.5	74	103	86	122
TSM8588CS	Complementary	Trench	P-Channel	-60	20	-4	-1	-1.5	-2.5	135	180	170	220
TSM2537CQ	Complementary	Trench	N-Channel	20	10	13	0.4	0.6	0.8	-	-	17	30
TSM2537CQ	Complementary	Trench	P-Channel	-20	10	-9.5	-0.4	-0.6	-0.8	-	-	48	55
TSM2538CQ	Complementary	Trench	N-Channel	20	10	10	0.4	0.6	0.8	-	-	27	40
TSM2538CQ	Complementary	Trench	P-Channel	-20	10	-8	-0.4	-0.6	-0.8	-	-	47	70
TSM6502CR	Complementary	Trench	N-Channel	60	20	24	1.2	1.7	2.5	28	34	33	40
TSM6502CR	Complementary	Trench	P-Channel	-60	20	-18	-1.2	-1.5	-2.5	57	68	73	110
TSM680P06DPQ56	Dual	Trench	P-Channel	-60	20	-12	-1.2	-1.6	-2.5	54	68	90	110
TSM4925DCS	Dual	Trench	P-Channel	-30	20	-7.1	-1	-	-3	20	25	33	41
TSM4953DCS	Dual	Trench	P-Channel	-30	20	-4.9	-1	-1.5	-3	50	60	75	90
TSM3911DCX6	Dual	Trench	P-Channel	-20	8	-2.2	-0.45	-	-0.95	-	-	115	140
TSM500P02DCQ	Dual	Trench	P-Channel	-20	10	-4.7	-0.3	-0.6	-0.8	-	-	42	50
TSM6963SDCA	Dual	Trench	P-Channel	-20	12	-5	-0.5	-	-1	-	-	23	30
TSM085NB03DCR	Dual	Trench	N-Channel	30	20	51	1.3	1.8	2.5	6.5	8.5	11	15
TSM076NH04DCR	Dual	PerFET™	N-Channel	40	20	34	2.4	3	3.6	6.5	7.6	-	-
TSM076NH04LDCR	Dual	PerFET™	N-Channel	40	16	34	1.4	1.8	2.2	6.1	7.6	7.7	10.6
TSM110NB04DCR	Dual	Trench	N-Channel	40	20	48	2	2.9	4	8.5	11	-	-
TSM110NB04LDCR	Dual	Trench	N-Channel	40	20	48	1	1.6	2.5	8	11	11	16
TSM150NB04DCR	Dual	Trench	N-Channel	40	20	38	2	3	4	11	15	-	-
TSM150NB04LDCR	Dual	Trench	N-Channel	40	20	37	1	1.7	2.5	10	15	14	19
TSM250NB06DCR	Dual	Trench	N-Channel	60	20	30	2	3	4	21	25	-	-
TSM250NB06LDCR	Dual	Trench	N-Channel	60	20	29	1	1.8	2.5	19	25	23	28
TSM300NB06DCR	Dual	Trench	N-Channel	60	20	25	2.5	3.2	4.5	25	30	-	-
TSM300NB06LDCR	Dual	Trench	N-Channel	60	20	24	1.2	1.7	2.5	25	30	29	39
TSM250N02DCQ	Dual	Trench	N-Channel	20	10	5.8	0.4	0.6	0.8	-	-	20	25
TSM6866SDCA	Dual	Trench	N-Channel	20	12	6	0.6	0.85	1.2	-	-	21	30
TSM6968DCA	Dual	Trench	N-Channel	20	12	6.5	0.6	0.8	1	-	-	15	22
TSM6968SDCA	Dual	Trench	N-Channel	20	12	6.5	0.6	0.8	1	-	-	15	22
TSM200N03DPQ33	Dual	Trench	N-Channel	30	20	20	1.2	1.5	2.5	17	20	23	30
TSM4936DCS	Dual	Trench	N-Channel	30	20	5.9	1	1.5	3	32	36	42	53
TSM2N7002AKDCU6	Dual	Trench	N-Channel	60	20	0.22	1	1.5	2.5	1900	2500	2000	3000
TSM2N7002KDCU6	Dual	Trench	N-Channel	60	20	0.22	1	1.4	2.5	1500	2500	1600	3000
TSM4946DCS	Dual	Trench	N-Channel	60	20	4.5	1	-	3	45	55	55	75
TSM5055DCR	Asymmetric Dual	Trench	N-Channel	30	20	38	1.2	1.9	2.5	8.8	11.7	12.8	14.9
TSM5055DCR	Asymmetric Dual	Trench	N-Channel	30	20	107	1.2	1.6	2.5	2.7	3.6	3.7	5.5

MOSFETS - DUAL, ASYMMETRIC DUAL AND COMPLEMENTARY

R _{DS(ON)}				Q _g (nC)		Q _{gs}	Q _{gd}	C _{iss}	C _{oss}	C _{rss}	Package Description
Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)	@ 10V	@ 4.5V	(nC)	(nC)	(pF)	(pF)	(pF)	
-	-	-	-	26	-	6	8	1354	147	94	
-	-	-	-	18	-	6	4	1135	112	52	
-	-	-	-	24	-	6	6	1398	89	26	
-	-	-	-	20	-	5	5	1020	69	24	
-	-	-	-	14	7	1.7	3.7	646	108	70	
-	-	-	-	21.5	11	3.4	5.3	1089	190	119	
-	-	-	-	9.4	4.4	1.8	2.3	527	31	4	
-	-	-	-	9	4.6	1.2	2.4	436	32	11	
22	36	32	42	-	7.3	0.9	2	536	82	54	
60	78	78	90	-	9.3	1.7	1.9	903	104	64	
34	47	48	54	-	7.5	0.65	2	534	82	64	
66	100	102	110	-	9.4	1.63	2	909	105	90	
-	-	-	-	20.8	10.3	3.9	4.2	1159	59	15	
-	-	-	-	18.1	9.5	2.6	4.8	930	65	26	
-	-	-	-	16.4	-	2.8	3.6	870	70	42	
-	-	-	-	33	-	5.8	8.6	1,573	319	211	
-	-	-	-	28	-	3	7	745	440	120	
163	200	220	300	-	15.23	5.49	2.74	883	145.54	97.26	
57	65	75	85	-	9.6	1.6	2	850	70	55	
30	42	45	68	-	20	1.4	1.9	640	180	90	
-	-	-	-	20	10	4	5	1091	176	106	
-	-	-	-	19	-	5.7	3.8	1217	235	17	
-	-	-	-	22.4	10.7	4.3	3.3	1344	248	15	
-	-	-	-	25	-	7	6	1506	144	75	
-	-	-	-	23	12	4	6	1269	142	82	
-	-	-	-	18	-	6	4	1132	110	51	
-	-	-	-	18	9	3	5	966	108	64	
-	-	-	-	22	-	7	5	1461	89	20	
-	-	-	-	23	12	4	5	1314	91	26	
-	-	-	-	17	-	6	4	1079	68	16	
-	-	-	-	17	9	3	4	966	69	22	
27	35	39	55	-	7.7	0.9	2.4	535	60	34	
30	40	-	-	-	5	1	1.5	565	105	75	
20	29	-	-	-	15	3.4	1.2	950	450	135	
20	29	-	-	-	15	3.4	1.2	950	450	135	
-	-	-	-	-	4.1	1	2.1	345	55	32	
-	-	-	-	13	-	4.2	3.1	610	100	77	
-	-	-	-	-	0.67	0.44	0.16	20	10	3	
-	-	-	-	-	0.91	0.33	0.32	30	15	6	
-	-	-	-	18	10.5	4	3	910	145	67	
-	-	-	-	9.3	4.6	2.1	1.8	555	142	26	
-	-	-	-	49	25	7.3	12	2550	388	276	

MOSFETS - P-CHANNEL

(T_A=25°C unless otherwise noted)

Part Number	Technology	Type	V _{DS}	V _{GS}	I _D	V _{GS(th)}			R _{DS(ON)}			
			(V)	± (V)	Max. (A)	Min. (V)	Typ. (V)	Max. (V)	@ 10V		@ 4.5V	
									Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)
TSM9409CS	Trench	P-Channel	-60	20	-3.5	-1	-	-	125	155	153	200
TSM480P06CP	Trench	P-Channel	-60	20	-20	-1.2	-1.6	-2.2	39	48	53	65
TSM680P06CP	Trench	P-Channel	-60	20	-15	-1.2	-1.4	-2.2	53.2	68	67.4	110
TSM7P06CP	Trench	P-Channel	-60	20	-7	-1.2	-1.6	-2.5	153	180	198	220
TSM480P06CH	Trench	P-Channel	-60	20	-20	-1.2	-1.6	-2.2	39	48	53	65
TSM680P06CH	Trench	P-Channel	-60	20	-15	-1.2	-1.4	-2.2	53.2	68	67.4	110
TSM2309CX	Trench	P-Channel	-60	20	-3.1	-1.2	-1.9	-2.5	160	190	200	240
BSS84	Trench	P-Channel	-60	20	-0.15	-0.9	-1.5	-2	3600	8000	3900	10000
BSS84W	Trench	P-Channel	-60	20	-0.14	-0.9	-1.5	-2	3600	8000	3900	10000
TSM150P04LCS	Trench	P-Channel	-40	20	-22	-1	-1.65	-2.5	11	15	15	21
TSM650P03CX	Trench	P-Channel	-30	12	-4.1	-0.4	-0.7	-0.9	55	65	65	75
TSM3457CX6	Trench	P-Channel	-30	20	-5	-1	-1.5	-3	50	60	82	100
TSM3481CX6	Trench	P-Channel	-30	20	-5.7	-1	-	-3	38	48	63	79
TSM9435CS	Trench	P-Channel	-30	20	-5.3	-1	-1.5	-3	50	60	75	90
TSM180P03CS	Trench	P-Channel	-30	20	-10	-1.2	-1.6	-2.5	14	18	23	30
TSM600P03CS	Trench	P-Channel	-30	20	-4.7	-1.2	-1.6	-2.5	44	60	73	90
TSM150P03PQ33	Trench	P-Channel	-30	20	-36	-1.2	-1.6	-2.5	13	15	22	30
TSM085P03CV	Trench	P-Channel	-30	20	-64	-1.2	-1.6	-2.5	7.1	8.5	11	14
TSM085P03CS	Trench	P-Channel	-30	20	-34	-1.2	-1.5	-2.5	7.7	8.5	11	14
TSM9434CS	Trench	P-Channel	-20	8	-6.4	-0.4	-	-1	-	-	31	40
TSM500P02CX	Trench	P-Channel	-20	10	-4.7	-0.3	-0.6	-0.8	-	-	42	50
TSM650P02CX	Trench	P-Channel	-20	10	-4.1	-0.4	-0.6	-0.8	-	-	52	65
TSM260P02CX6	Trench	P-Channel	-20	10	-6.5	-0.3	-0.6	-1	-	-	21	26
TSM260P02CX	Trench	P-Channel	-20	10	-6.5	-0.3	-0.6	-1	-	-	21	26
TSM160P02CS	Trench	P-Channel	-20	10	-11	-0.3	-0.6	-1.0	-	-	12	16
TSM3443CX6	Trench	P-Channel	-20	12	-4.7	-0.5	-	-1.4	-	-	48	60

MOSFETS - P-CHANNEL

R _{DS(ON)}				Q _g (nC)		Q _{gs}	Q _{gd}	C _{iss}	C _{oss}	C _{rss}	Package Description
@ 2.5V		@ 1.8V									
Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)	@ 10V	@ 4.5V	(nC)	(nC)	(pF)	(pF)	(pF)	
-	-	-	-	-	-	1.7	1.5	540	60	30	SOP-8
-	-	-	-	22.4	-	4.1	5.2	1,250	85	65	TO-252 (D-PAK)
-	-	-	-	18	-	2.8	3.2	929	68	55	TO-252 (D-PAK)
-	-	-	-	8.2	-	1.8	1.5	425	35	20	TO-252 (D-PAK)
-	-	-	-	22.4	-	4.1	5.2	1,250	85	65	TO-251S (I-PAK SL)
-	-	-	-	18	-	2.8	3.2	929	68	55	TO-251S (I-PAK SL)
-	-	-	-	8.2	-	1.8	1.5	425	35	20	SOT-23
-	-	-	-	1.9	1	0.3	0.3	37	15	7	SOT-23
-	-	-	-	1.9	1	0.3	0.3	37	15	7	SOT-323
-	-	-	-	48	23	9	8.5	2783	269	142	SOP-8
85	100	-	-	-	8	1.9	1.4	810	85	50	SOT-23
-	-	-	-	27	-	3.4	1.7	552	91	60.8	SOT-26
-	-	-	-	18.09	-	6.52	3.25	1047.98	172.82	115.5	SOT-26
-	-	-	-	27	-	3.4	1.7	552	91	60.8	SOP-8
-	-	-	-	-	14.6	4.1	6.3	1,730	180	125	SOP-8
-	-	-	-	-	5.1	2	2.2	560	55	40	SOP-8
-	-	-	-	29.3	14.3	5.9	5.2	1829	227	160	PDFN33
-	-	-	-	55	27	9.2	9.9	3234	396	251	PDFN33
-	-	-	-	56	28	9	11	3216	409	277	SOP-8
45	60	-	-	-	12	1.7	3.3	1,020	191	140	SOP-8
57	65	75	85	-	9.6	1.6	2	850	70	55	SOT-23
73	85	105	130	-	6.4	0.9	1.6	515	55	20	SOT-23
26	32	32	40	-	19.5	2	3.6	1670	220	120	SOT-26
26	32	32	40	-	19.5	2	3.6	1670	220	120	SOT-23
16	22	21	28	-	27	2.4	5.3	2320	280	175	SOP-8
80	100	-	-	-	6	1.4	1.9	640	180	90	SOT-26

MOSFETS - N-CHANNEL

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	Technology	Type	V _{DS}	V _{GS}	I _D	V _{GS(th)}			R _{DS(ON)}			
			(V)	± (V)	Max. (A)	Min. (V)	Typ. (V)	Max. (V)	@ 10V		@ 4.5V	
									Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)
TQM033NB04CR ★	Trench	N-Channel	40	20	121	1.8	2.5	3.8	2.2	3.3	-	-
TQM150NB04CR ★	Trench	N-Channel	40	20	41	1.8	2.5	3.8	9	15	-	-
TQM070NB04CR ★	Trench	N-Channel	40	20	75	1.8	2.6	3.8	4.5	7	-	-
TQM110NB04CR ★	Trench	N-Channel	40	20	54	1.8	2.4	3.8	7.2	11	-	-
TQM025NB04CR ★	Trench	N-Channel	40	20	157	1.8	2.5	3.8	1.8	2.5	-	-
TQM050NB06CR ★	Trench	N-Channel	60	20	104	1.8	2.6	3.8	4.3	5	-	-
TQM130NB06CR ★	Trench	N-Channel	60	20	50	1.8	2.6	3.8	11.7	13	-	-
TQM250NB06CR ★	Trench	N-Channel	60	20	32	1.8	2.6	3.8	19	25	-	-
TQM300NB06CR ★	Trench	N-Channel	60	20	27	1.8	2.6	3.8	25	30	-	-
TSM4806CS	Trench	N-Channel	20	8	28	0.3	0.6	1	-	-	16	20
TSM250N02CX	Trench	N-Channel	20	10	5.8	0.4	0.6	0.8	-	-	20	25
TSM210N02CX	Trench	N-Channel	20	10	6.7	0.3	0.6	0.8	-	-	19	21
TSM3446CX6	Trench	N-Channel	20	12	5.3	0.5	0.87	1	-	-	27	33
TSM320N03CX	Trench	N-Channel	30	12	5.5	0.4	0.75	0.9	-	-	27	32
TSM05N03CW	Trench	N-Channel	30	20	5	1	-	3	46	60	70	90
TSM240N03CX	Trench	N-Channel	30	20	6.5	1.2	1.4	2.5	17	24	22	34
TSM240N03CX6	Trench	N-Channel	30	20	6.5	1.2	1.4	2.5	17	24	22	34
TSM180N03CS	Trench	N-Channel	30	20	9	1.2	1.6	2	16	18	23	28
TSM180N03PQ33	Trench	N-Channel	30	20	25	1.2	1.6	2.5	14	18	20	28
TSM042N03CS	Trench	N-Channel	30	20	30	1.2	1.6	2.5	3.8	4.2	5.2	6.0
TSM085N03PQ33	Trench	N-Channel	30	20	52	1	1.6	2.5	6.2	8.5	9	13
TSM090N03CP	Trench	N-Channel	30	20	50	1	1.6	2.5	7.5	9	10	13
TSM090N03ECP	Trench	N-Channel	30	20	50	1.2	1.6	2.5	7.5	9	9.6	14
TSM080N03EPQ56	Trench	N-Channel	30	20	55	1	1.6	2.5	6.5	8	9.5	12.5
TSM080N03PQ56	Trench	N-Channel	30	20	73	1	1.6	2.5	6.5	8	9.5	12.5
TSM060N03PQ33	Trench	N-Channel	30	20	62	1.2	1.6	2.5	4.8	6.0	6.7	9.0
TSM060N03CP	Trench	N-Channel	30	20	70	1	1.6	2.5	4.8	6	6.5	9
TSM060N03ECP	Trench	N-Channel	30	20	70	1.0	1.6	2.5	4.8	6	6.5	9
TSM038N03PQ33	Trench	N-Channel	30	20	78	1.2	1.6	2.5	3.0	3.8	4.0	5.5
TSM055N03EPQ56	Trench	N-Channel	30	20	80	1.2	1.6	2.5	4.5	5.5	6.3	8.5
TSM055N03PQ56	Trench	N-Channel	30	20	80	1.2	1.6	2.5	4.5	5.5	6.3	8.5
TSM040N03CP	Trench	N-Channel	30	20	90	1.2	1.6	2.5	3.1	4	4.5	6
TSM036N03PQ56	Trench	N-Channel	30	20	124	1.2	1.6	2.5	3	3.6	4	5.5
TSM018NB03CR	Trench	N-Channel	30	20	194	1	1.8	2.5	1.4	1.8	2.1	2.8
TSM052NB03CR	Trench	N-Channel	30	20	90	1	1.6	2.5	3.2	5.2	5	8
TSM080NB03CR	Trench	N-Channel	30	20	59	1	1.8	2.5	5.8	8	10	15
TSM085NB03CV	Trench	N-Channel	30	20	58	1	1.7	2.5	5.4	8.5	10.2	15
TSM019NH04LCR	PerFET™	N-Channel	40	16	100	1.4	1.8	2.2	1.3	1.9	1.6	2.7
TSM025NH04LCR	PerFET™	N-Channel	40	16	100	1.4	1.9	2.2	1.8	2.5	2.3	3.5
TSM032NH04LCR	PerFET™	N-Channel	40	16	81	1.4	1.8	2.2	2.5	3.2	3.2	4.5
TSM043NH04LCR	PerFET™	N-Channel	40	16	54	1.4	1.8	2.2	2.9	4.3	3.7	6
TSM056NH04LCR	PerFET™	N-Channel	40	16	54	1.4	1.8	2.2	4	5.6	5.3	7.8

MOSFETS - N-CHANNEL

R _{DS(ON)}				Q _g (nC)		Q _{gs}	Q _{gd}	C _{iss}	C _{oss}	C _{rss}	Package Description
@ 2.5V		@ 1.8V									
Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)	@ 10V	@ 4.5V	(nC)	(nC)	(pF)	(pF)	(pF)	
-	-	-	-	87	-	20	23	4917	484	276	PDFN56U
-	-	-	-	20	-	5.4	4.7	1044	122	64	PDFN56U
-	-	-	-	42	-	10	11	3125	256	140	PDFN56U
-	-	-	-	25	-	5	7	1352	154	94	PDFN56U
-	-	-	-	118	-	28	35	6676	687	443	PDFN56U
-	-	-	-	114	-	29	27	6904	401	224	PDFN56U
-	-	-	-	40	-	10	10	2234	147	65	PDFN56U
-	-	-	-	24	-	6	6	1396	92	30	PDFN56U
-	-	-	-	20	-	5	6	1009	74	23	PDFN56U
20	25	25	31	-	12.3	1.95	3.08	961	92.3	80.4	SOP-8
27	35	39	55	-	7.7	0.9	2.4	535	60	34	SOT-23
22	25	26	32	-	5.8	0.6	2	600	70	45	SOT-23
33	40	-	-	-	8.8	0.72	4.3	700	125	110	SOT-26
32	40	-	-	-	8.9	1.5	2	792	53	21	SOT-23
-	-	-	-	-	-	1.9	1.4	555	120	60	SOT-223
-	-	-	-	-	4.1	1	2.1	345	55	32	SOT-23
-	-	-	-	-	4.1	1	2.1	345	55	32	SOT-26
-	-	-	-	-	4.1	1	2.1	345	55	32	SOP-8
-	-	-	-	-	4.1	1	2.1	345	55	32	PDFN33
-	-	-	-	-	24	4.2	13	2,200	280	177	SOP-8
-	-	-	-	14.3	7.2	2.6	3.4	817	155	96	PDFN33
-	-	-	-	-	7.5	1.3	4.5	750	150	110	TO-252 (D-PAK)
-	-	-	-	-	7.7	1.9	2.8	680	150	70	TO-252 (D-PAK)
-	-	-	-	-	7.5	1.3	4.5	750	150	110	PDFN56
-	-	-	-	14.4	7.2	2.6	3.3	843	157	95	PDFN56
-	-	-	-	25.4	12.9	3.8	5.7	1,342	227	169	PDFN33
-	-	-	-	-	11.1	1.85	6.8	1,160	200	180	TO-252 (D-PAK)
-	-	-	-	-	11.1	1.85	6.8	1,210	190	100	TO-252 (D-PAK)
-	-	-	-	-	24	6.9	11	2,557	380	276	PDFN33
-	-	-	-	-	11.1	1.85	6.8	1,210	190	100	PDFN56
-	-	-	-	-	11.1	1.85	6.8	1,160	200	180	PDFN56
-	-	-	-	-	24	4.2	13	2,200	280	177	TO-252 (D-PAK)
-	-	-	-	50	25	7.3	12	2,530	376	249	PDFN56
-	-	-	-	120	62	21	28	7252	1056	673	PDFN56
-	-	-	-	41	21	5	13	2294	386	249	PDFN56
-	-	-	-	20	10	4	5	1097	180	106	PDFN56
-	-	-	-	20	10	4	5	1101	186	118	PDFN33
-	-	-	-	104	49	19	15	6282	1204	63	PDFN56U
-	-	-	-	63.3	29.5	11.8	8.7	4179	769	43	PDFN56U
-	-	-	-	50	23.7	9.8	6.9	3007	562	34	PDFN56U
-	-	-	-	42	20	8	6	2480	476	37	PDFN56U
-	-	-	-	30.4	14.2	5.7	4.6	1940	354	45	PDFN56U

MOSFETS - N-CHANNEL

Part Number	Technology	Type	V_{DS}	V_{GS}	I_D	$V_{GS(th)}$			$R_{DS(on)}$			
			(V)	$\pm$ (V)	Max. (A)	Min. (V)	Typ. (V)	Max. (V)	@ 10V		@ 4.5V	
									Typ. (m Ω)	Max. (m Ω)	Typ. (m Ω)	Max. (m Ω)
TSM070NH04LCR	PerFET™	N-Channel	40	16	54	1.4	1.8	2.2	5.6	7	7.5	9.8
TSM056NH04LCV	PerFET™	N-Channel	40	16	-	1.4	1.8	2.2	-	5.6	5.3	7.2
TSM070NH04LCV	PerFET™	N-Channel	40	16	-	1.4	1.8	2.2	-	7	7.5	10.1
TSM038N04LCP	Trench	N-Channel	40	20	135	1.2	1.5	2.5	2.8	3.8	3.4	5
TSM051N04LCP	Trench	N-Channel	40	20	96	1.2	1.7	2.5	4.3	5.1	6	7
TSM025NB04LCR	Trench	N-Channel	40	20	161	1	1.6	2.5	1.8	2.5	2.4	3.2
TSM033NB04LCR	Trench	N-Channel	40	20	121	1	1.6	2.5	2.3	3.3	3.2	4
TSM070NB04LCR	Trench	N-Channel	40	20	75	1	1.7	2.5	4.4	7	6.4	9.5
TSM110NB04LCR	Trench	N-Channel	40	20	54	1	1.9	2.5	8	11	12	16
TSM150NB04LCR	Trench	N-Channel	40	20	41	1	1.8	2.5	9	15	14	19
TSM025NB04CR	Trench	N-Channel	40	20	161	2	2.8	4	1.8	2.5	-	-
TSM033NB04CR	Trench	N-Channel	40	20	121	2	2.9	4	2.4	3.3	-	-
TSM070NB04CR	Trench	N-Channel	40	20	75	2	2.9	4	4.7	7	-	-
TSM110NB04CR	Trench	N-Channel	40	20	54	2	3.2	4	7.7	11	-	-
TSM150NB04CR	Trench	N-Channel	40	20	41	2	3.2	4	10	15	-	-
TSM110NB04LCV	Trench	N-Channel	40	20	44	1	1.7	2.5	7	11	10	16
TSM150NB04LCV	Trench	N-Channel	40	20	36	1	1.7	2.5	9	15	13	19
TSM043NB04LCZ	Trench	N-Channel	40	20	124	1	1.7	2.5	3	4.3	4.2	5.3
TSM035NB04CZ	Trench	N-Channel	40	20	157	2	2.8	4	2.5	3.5	-	-
TSM043NB04CZ	Trench	N-Channel	40	20	124	2	2.8	4	3.1	4.3	-	-
TSM035NB04LCZ	Trench	N-Channel	40	20	157	1	1.7	2.5	2.5	3.5	3.2	4.2
TSM019NH04CR	PerFET™	N-Channel	40	20	100	2.4	3	3.6	1.3	1.9	-	-
TSM025NH04CR	PerFET™	N-Channel	40	20	100	2.4	3	3.6	1.8	2.5	-	-
TSM032NH04CR	PerFET™	N-Channel	40	20	81	2.4	3	3.6	2.7	3.2	-	-
TSM043NH04CR	PerFET™	N-Channel	40	20	54	2.4	3.1	3.6	3.1	4.3	-	-
TSM056NH04CR	PerFET™	N-Channel	40	20	54	2.4	3	3.6	4.3	5.6	-	-
TSM070NH04CR	PerFET™	N-Channel	40	20	54	2.4	3	3.6	5.8	7	-	-
TSM056NH04CV	PerFET™	N-Channel	40	20	-	2.4	3	3.6	-	5.6	-	-
TSM070NH04CV	PerFET™	N-Channel	40	20	-	2.4	3	3.6	-	7	-	-
BSS138	Trench	N-Channel	50	20	0.26	0.8	1.1	1.6	1100	2500	1200	3000
TSM2N7002KCX	Trench	N-Channel	60	20	0.3	1	1.5	2.5	1200	2000	2000	4000
TSM900N06CW	Trench	N-Channel	60	20	5	1.2	1.8	2.5	76	90	87	100
TSM850N06CX	Trench	N-Channel	60	20	3	1.2	1.8	2.5	68	85	80	100
TSM4436CS	Trench	N-Channel	60	20	8	1	-	3	30	36	35	43
TSM900N06CH	Trench	N-Channel	60	20	11	1.2	1.8	2.5	76	90	87	100
TSM900N06CP	Trench	N-Channel	60	20	11	1.2	1.8	2.5	76	90	87	100
TSM340N06CH	Trench	N-Channel	60	20	25	1.2	1.7	2.5	28	34	33	40
TSM340N06CP	Trench	N-Channel	60	20	25	1.2	1.7	2.5	28	34	33	40
TSM230N06CP	Trench	N-Channel	60	20	50	1.2	1.8	2.5	20	23	23	28
TSM170N06CH	Trench	N-Channel	60	20	38	1.2	1.7	2.5	15	17	17.5	20
TSM170N06CP	Trench	N-Channel	60	20	38	1.2	1.7	2.5	15	17	17.5	20
TSM120N06LCS	Trench	N-Channel	60	20	23	1.2	1.7	2.5	10.4	12	11.9	15

MOSFETS - N-CHANNEL

R _{DS(ON)}				Q _g (nC)		Q _{gs}	Q _{gd}	C _{iss}	C _{oss}	C _{rss}	Package Description
Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)	@ 10V	@ 4.5V	(nC)	(nC)	(pF)	(pF)	(pF)	
-	-	-	-	23	11	4.3	3.5	1446	229	32	PDFN56U
-	-	-	-	30.4	14.2	5.7	4.6	1940	354	45	PDFN33
-	-	-	-	23	11	4.3	3.5	1446	229	32	PDFN33
-	-	-	-	104	53	14	23	5509	548	332	TO-252 (D-PAK)
-	-	-	-	44.5	22.6	6.7	11	2456	250	139	TO-252 (D-PAK)
-	-	-	-	112	57	18	27	6435	675	388	PDFN56
-	-	-	-	79	40	12	19	4456	475	276	PDFN56
-	-	-	-	39	20	6	11	2151	250	140	PDFN56
-	-	-	-	23	12	4	6	1269	142	82	PDFN56
-	-	-	-	18	9	3	5	966	108	64	PDFN56
-	-	-	-	113	-	32	26	7150	675	332	PDFN56
-	-	-	-	77	-	23	19	5022	484	250	PDFN56
-	-	-	-	40	-	12	10	2403	253	117	PDFN56
-	-	-	-	23	-	7	6	1443	147	80	PDFN56
-	-	-	-	19	-	6	4	1092	113	63	PDFN56
-	-	-	-	24	12	4	6	1329	147	82	PDFN33
-	-	-	-	19	9	4	4	1013	113	64	PDFN33
-	-	-	-	76	38	15	18	4387	464	276	TO-220
-	-	-	-	110	-	33	26	6990	667	334	TO-220
-	-	-	-	74	-	23	16	4928	457	223	TO-220
-	-	-	-	111	56	20	25	6350	659	388	TO-220
-	-	-	-	89	-	28	16	6029	1218	47	PDFN56U
-	-	-	-	59	-	19	11	3794	785	31	PDFN56U
-	-	-	-	45	-	14	9.5	2896	562	32	PDFN56U
-	-	-	-	37	-	11	6.9	2531	450	32	PDFN56U
-	-	-	-	27.3	-	8.4	4.8	1942	350	37	PDFN56U
-	-	-	-	19	-	5.5	3.8	1337	229	39	PDFN56U
-	-	-	-	27.3	-	8.4	4.8	1942	350	37	PDFN33
-	-	-	-	19	-	5.5	3.8	1337	229	39	PDFN33
-	-	-	-	2	1	0.3	0.3	32	10	6	SOT-23
-	-	-	-	-	0.4	-	-	30	6	2.5	SOT-23
-	-	-	-	9.3	-	2.1	1.8	500	45	16	SOT-223
-	-	-	-	9.5	4.6	1.9	1.6	529	29	3	SOT-23
-	-	-	-	-	10.5	3.5	4.2	1,100	90	55	SOP-8
-	-	-	-	9.3	-	2.1	1.8	500	45	16	TO-251S (I-PAK SL)
-	-	-	-	9.3	-	2.1	1.8	500	45	16	TO-252 (D-PAK)
-	-	-	-	16.6	-	2.2	3.9	1,180	68	45	TO-251S (I-PAK SL)
-	-	-	-	16.6	-	2.2	3.9	1,180	68	45	TO-252 (D-PAK)
-	-	-	-	28	-	3.5	6.5	1,680	115	85	TO-252 (D-PAK)
-	-	-	-	28.5	13.5	5.5	5	900	130	90	TO-251 (I-PAK)
-	-	-	-	28.5	13.5	5.5	5	900	130	90	TO-252 (D-PAK)
-	-	-	-	37	19	6	8	2193	208	88	SOP-8

MOSFETS - N-CHANNEL

Part Number	Technology	Type	V_{DS}	V_{GS}	I_D	$V_{GS(th)}$			$R_{DS(on)}$			
			(V)	$\pm$ (V)	Max. (A)	Min. (V)	Typ. (V)	Max. (V)	@ 10V		@ 4.5V	
									Typ. (m Ω)	Max. (m Ω)	Typ. (m Ω)	Max. (m Ω)
TSM120N06LCP	Trench	N-Channel	60	20	70	1.2	1.7	2.5	9.7	12	11	15
TSM170N06PQ56	Trench	N-Channel	60	20	44	1.2	1.8	2.5	12	17	14	20
TSM048NB06LCR	Trench	N-Channel	60	20	107	1	1.8	2.5	4	4.8	4.8	6.8
TSM130NB06LCR	Trench	N-Channel	60	20	51	1	1.7	2.5	12	13	14	18
TSM220NB06LCR	Trench	N-Channel	60	20	35	1	1.7	2.5	18	22	21	28
TSM280NB06LCR	Trench	N-Channel	60	20	28	1	2	2.5	24	28	32	39
TSM045NB06CR	Trench	N-Channel	60	20	104	2	3	4	4.5	5	-	-
TSM130NB06CR	Trench	N-Channel	60	20	51	2	3	4	11	13	-	-
TSM220NB06CR	Trench	N-Channel	60	20	35	2	3.3	4	19	22	-	-
TSM300NB06CR	Trench	N-Channel	60	20	27	2.5	3.4	4.5	25	30	-	-
TSM2N7002KCU	Trench	N-Channel	60	20	0.24	1	1.4	2.5	1500	2500	1600	3000
TSM250NB06LCV	Trench	N-Channel	60	20	27	1	1.8	2.5	18	25	22	28
TSM300NB06LCV	Trench	N-Channel	60	20	24	1	1.8	2.5	24	30	29	39
TSM250NB06CV	Trench	N-Channel	60	20	28	2	3.1	4	19	25	-	-
TSM060NB06CZ	Trench	N-Channel	60	20	111	2	3	4	4.7	6	-	-
TSM060NB06LCZ	Trench	N-Channel	60	20	111	1	1.6	2.5	4.8	6	5.4	7.8
TSM2N7002AKCU	Trench	N-Channel	60	20	0.24	1	1.4	2.5	1900	2500	2000	3000
TSM2N7002AKCX	Trench	N-Channel	60	20	0.3	1	1.4	2.5	1900	2500	2000	4000
TSM190N08CZ	Trench	N-Channel	75	20	190	2	3	4	3.4	4.2	-	-
TSM089N08LCR	Trench	N-Channel	80	20	67	1	1.9	2.5	6.4	8.9	8	11
TSM2328CX	Trench	N-Channel	100	20	1.5	1	-	2.5	-	250	-	-
TSM950N10CW	Trench	N-Channel	100	20	6.5	1.2	1.6	2.5	80	95	85	110
TSM900N10CH	Trench	N-Channel	100	20	15	1.2	1.6	2.5	72	90	75	100
TSM900N10CP	Trench	N-Channel	100	20	15	1.2	1.6	2.5	72	90	75	100
TSM160N10LCR	Trench	N-Channel	100	20	46	1.2	1.9	2.5	14	16	16	20
BSS123W	Trench	N-Channel	100	20	0.16	1	1.8	2.5	3600	5000	3800	5500
TSM650N15CR	Trench	N-Channel	150	20	24	2	2.7	4	47	65	-	-
TSM650N15CS	Trench	N-Channel	150	20	9	2	2.7	4	51	65	-	-
TSM4800N15CX6	Trench	N-Channel	150	20	1.4	2	2.9	3.5	392	480	-	-
TSM500N15CS	Trench	N-Channel	150	20	11	2	3	4	40.6	50	-	-
TSM60NC390CI	Super Junction	N-Channel	600	20	11	3	-	5	350	390	-	-
TSM60NC390CP	Super Junction	N-Channel	600	20	11	3	4.5	5	350	390	-	-
TSM60NC1R5CP	Super Junction	N-Channel	600	20	3	3.5	4.2	5.5	1300	1500	-	-
TSM60NC1R5CH	Super Junction	N-Channel	600	20	3	3	4.3	5	1300	1500	-	-
TSM60NC196CM2	Super Junction	N-Channel	600	20	28	3	4.2	5	182	196	-	-
TSM60NC165CI	Super Junction	N-Channel	600	30	24	3	3.9	5	150	165	-	-
TSM60NC196CI	Super Junction	N-Channel	600	30	20	3	4.3	5	170	196	-	-

MOSFETS - N-CHANNEL

R _{DS(ON)}				Q _g (nC)		Q _{gs}	Q _{gd}	C _{iss}	C _{oss}	C _{rss}	Package Description
@ 2.5V		@ 1.8V									
Typ. (mΩ)	Max. (mΩ)	Typ. (mΩ)	Max. (mΩ)	@ 10V	@ 4.5V	(nC)	(nC)	(pF)	(pF)	(pF)	
-	-	-	-	37	18	6	7.5	2118	136	86	TO-252 (D-PAK)
-	-	-	-	29	14	5	7	1556	105	45	PDFN56
-	-	-	-	105	52	17	23	6253	388	168	PDFN56
-	-	-	-	37	18	7	9	2175	142	63	PDFN56
-	-	-	-	23	12	4	5	1314	91	26	PDFN56
-	-	-	-	18	9	3	4	969	71	24	PDFN56
-	-	-	-	104	-	30	24	6870	395	126	PDFN56
-	-	-	-	36	-	12	8	2380	142	42	PDFN56
-	-	-	-	23	-	6.5	5.4	1454	90	24	PDFN56
-	-	-	-	18	-	6	4	1110	71	19	PDFN56
-	-	-	-	-	0.91	0.33	0.32	30	15	6	SOT-323
-	-	-	-	23	11	4	5	1307	86	27	PDFN33
-	-	-	-	17	8	4	3	962	68	24	PDFN33
-	-	-	-	23	-	7	5	1440	88	23	PDFN33
-	-	-	-	103	-	35	19	6842	387	115	TO-220
-	-	-	-	107	52	18	23	6273	391	167	TO-220
-	-	-	-	-	0.68	0.43	0.17	30	15	6	SOT-323
-	-	-	-	-	1.65	0.33	0.29	20	11	1	SOT-23
-	-	-	-	160	-	35	40	8,600	780	300	TO-220
-	-	-	-	90	45	16	23	6119	304	116	PDFN56
-	-	-	-	-	12	4.4	3	975	38	27	SOT-23
-	-	-	-	9.3	-	2.1	1.8	1,480	480	35	SOT-223
-	-	-	-	9.3	-	2.1	1.8	1,480	480	35	TO-251S (I-PAK SL)
-	-	-	-	9.3	-	2.1	1.8	1,480	480	35	TO-252 (D-PAK)
-	-	-	-	73	36	17	15	4431	158	45	PDFN56
-	-	-	-	2	1.1	0.3	0.4	30	9	6	SOT-323
-	-	-	-	36	-	10	12	1829	94	65	PDFN56
-	-	-	-	37	-	9	12	1783	94	18	SOP-8
-	-	-	-	8	-	2	2.7	332	20	1	SOT-26
-	-	-	-	20.5	-	4.6	6	1123	80	4.9	SOP-8
-	-	-	-	21.3	-	6.2	9.9	820	37	24	ITO-220
-	-	-	-	21	-	6	10	793	45	23	TO-252 (D-PAK)
-	-	-	-	8.1	-	2.5	3.4	242	100	15	TO-252 (D-PAK)
-	-	-	-	7.6	-	2.6	4	239	19	15	TO-251 (I-PAK)
-	-	-	-	39	-	12	17	1600	1176	68	TO-263-2L (D2PAK-2L)
-	-	-	-	44	-	13	18	1900	1523	68	ITO-220
-	-	-	-	39	-	12	18	1534	1373	56	ITO-220

BIPOLAR TRANSISTORS - NPN

(T_A=25°C unless otherwise noted)

Part Number	Polarity	V _{CEO}	V _{CBO}	V _{EB0}	I _C	DC Current Gain (Min.)	DC Current Gain (Max.)	V _{CE} (Sat.)	P _D	T _J Max.	Package Description
		(V)			(A)	h _{FE}		(V)	(W)	(°C)	
BC338-16	NPN	25	30	5	0.8	100	250	0.7	0.625	150	TO-92
BC338-25	NPN	25	30	5	0.8	160	400	0.7	0.625	150	TO-92
BC338-40	NPN	25	30	5	0.8	250	630	0.7	0.625	150	TO-92
BC548A	NPN	30	30	6	0.1	110	220	-	0.5	150	TO-92
BC548B	NPN	30	30	6	0.1	200	450	-	0.5	150	TO-92
BC548C	NPN	30	30	6	0.1	420	800	-	0.5	150	TO-92
BC549A	NPN	30	30	6	0.1	110	220	-	0.5	150	TO-92
BC549B	NPN	30	30	6	0.1	200	450	-	0.5	150	TO-92
BC549C	NPN	30	30	6	0.1	420	800	-	0.5	150	TO-92
BC848A	NPN	30	30	5	0.1	110	220	0.5	0.2	150	SOT-23
BC848AW	NPN	30	30	5	0.1	110	220	0.77	0.2	150	SOT-323
BC848B	NPN	30	30	5	0.1	200	450	0.5	0.2	150	SOT-23
BC848BW	NPN	30	30	5	0.1	200	450	0.77	0.2	150	SOT-323
BC848C	NPN	30	30	5	0.1	420	800	0.5	0.2	150	SOT-23
BC848CW	NPN	30	30	5	0.1	420	800	0.77	0.2	150	SOT-323
BC849AW	NPN	30	30	5	0.1	110	220	0.77	0.2	150	SOT-323
BC849BW	NPN	30	30	5	0.1	200	450	0.77	0.2	150	SOT-323
BC849CW	NPN	30	30	5	0.1	420	800	0.77	0.2	150	SOT-323
MMBT3904	NPN	40	60	6	0.2	100	400	0.3	0.3	150	SOT-23
MMBT3904L	NPN	40	60	6	0.2	100	400	0.3	0.3	150	SOT-23
MMBT3904T	NPN	40	60	6	0.2	100	300	0.3	0.2	150	SOT-23
MMBT2222A	NPN	40	75	6	0.6	50	300	1	0.3	150	SOT-23
BC550A	NPN	45	45	6	0.1	110	220	-	0.5	150	TO-92
BC550B	NPN	45	45	6	0.1	200	450	-	0.5	150	TO-92
BC550C	NPN	45	45	6	0.1	420	800	-	0.5	150	TO-92
BC337-16	NPN	45	50	5	0.8	100	250	0.7	0.625	150	TO-92
BC337-25	NPN	45	50	5	0.8	160	400	0.7	0.625	150	TO-92
BC337-40	NPN	45	50	5	0.8	250	630	0.7	0.625	150	TO-92
BC547A	NPN	45	50	6	0.1	110	220	-	0.5	150	TO-92
BC547B	NPN	45	50	6	0.1	200	450	-	0.5	150	TO-92
BC547C	NPN	45	50	6	0.1	420	800	-	0.5	150	TO-92
BC817-16	NPN	45	50	5	0.5	100	250	0.7	0.3	150	SOT-23
BC817-16W	NPN	45	50	5	0.5	100	250	0.7	0.2	150	SOT-323
BC817-25	NPN	45	50	5	0.5	160	400	0.7	0.3	150	SOT-23
BC817-25W	NPN	45	50	5	0.5	160	400	0.7	0.2	150	SOT-323
BC817-40	NPN	45	50	5	0.5	250	600	0.7	0.3	150	SOT-23
BC817-40W	NPN	45	50	5	0.5	250	600	0.7	0.2	150	SOT-323
BC847A	NPN	45	50	6	0.1	110	220	0.5	0.2	150	SOT-23
BC847AW	NPN	45	50	6	0.1	110	220	0.77	0.2	150	SOT-323
BC847B	NPN	45	50	6	0.1	200	450	0.5	0.2	150	SOT-23
BC847BW	NPN	45	50	6	0.1	200	450	0.77	0.2	150	SOT-323
BC847C	NPN	45	50	6	0.1	420	800	0.5	0.2	150	SOT-23
BC847CW	NPN	45	50	6	0.1	420	800	0.77	0.2	150	SOT-323
BC850AW	NPN	45	50	5	0.1	110	220	0.77	0.2	150	SOT-323
BC850BW	NPN	45	50	5	0.1	200	450	0.77	0.2	150	SOT-323

BIPOLAR TRANSISTORS - NPN

Part Number	Polarity	V_{CEO}	V_{CBO}	V_{EBO}	I_C	DC Current Gain (Min.)	DC Current Gain (Max.)	V_{CE} (Sat.)	P_D	T_J Max.	Package Description
		(V)			(A)	h_{FE}		(V)	(W)	(°C)	
BC850CW	NPN	45	50	5	0.1	420	800	0.77	0.2	150	SOT-323
KTC3198-BL	NPN	50	60	5	0.15	70	140	0.25	0.5	150	TO-92
KTC3198-GR	NPN	50	60	5	0.15	120	240	0.25	0.5	150	TO-92
KTC3198-O	NPN	50	60	5	0.15	200	400	0.25	0.5	150	TO-92
KTC3198-Y	NPN	50	60	5	0.15	300	700	0.25	0.5	150	TO-92
BC546A	NPN	65	80	6	0.1	110	220	-	0.5	150	TO-92
BC546B	NPN	65	80	6	0.1	200	450	-	0.5	150	TO-92
BC546C	NPN	65	80	6	0.1	420	800	-	0.5	150	TO-92
BC846A	NPN	65	80	6	0.1	110	220	0.5	0.2	150	SOT-23
BC846AW	NPN	65	80	6	0.1	110	220	0.77	0.2	150	SOT-323
BC846B	NPN	65	80	6	0.1	200	450	0.5	0.2	150	SOT-23
BC846BW	NPN	65	80	6	0.1	200	450	0.77	0.2	150	SOT-323
BC846CW	NPN	65	80	6	0.1	420	800	0.77	0.2	150	SOT-323
TSC497CX	NPN	300	300	5	0.5	20	300	0.2	0.5	150	SOT-23
TSC873CW	NPN	400	600	9	1	80	-	0.5	-	150	SOT-223
TSC966CW	NPN	400	600	7	0.3	100	300	0.5	-	-	SOT-223

BIPOLAR TRANSISTORS - PNP

(T_A=25°C unless otherwise noted)

Part Number	Polarity	V _{CEO}	V _{CBO}	V _{EBO}	I _C	DC Current Gain (Min.)	DC Current Gain (Max.)	V _{CE} (Sat.)	P _D	T _J Max.	Package Description
		(V)			(A)	h _{FE}		(V)	(W)	(°C)	
BC858A	PNP	-30	-30	-5	-0.1	125	250	-0.65	0.2	150	SOT-23
BC858B	PNP	-30	-30	-5	-0.1	220	475	-0.65	0.2	150	SOT-23
BC858C	PNP	-30	-30	-5	-0.1	420	800	-0.65	0.2	150	SOT-23
MMBT3906	PNP	-40	-40	-5	-0.2	100	300	-0.4	0.35	150	SOT-23
MMBT3906L	PNP	-40	-40	-5	-0.2	100	300	-0.4	0.35	150	SOT-23
MMBT3906T	PNP	-40	-40	-5	-0.2	100	300	-0.4	0.2	150	SOT-523
BC807-16	PNP	-45	-50	-5	-0.5	100	250	-0.7	0.3	150	SOT-23
BC807-16W	PNP	-45	-50	-5	-0.5	100	250	-0.7	0.2	150	SOT-323
BC807-25	PNP	-45	-50	-5	-0.5	160	400	-0.7	0.3	150	SOT-23
BC807-25W	PNP	-45	-50	-5	-0.5	160	400	-0.7	0.2	150	SOT-323
BC807-40	PNP	-45	-50	-5	-0.5	250	600	-0.7	0.3	150	SOT-23
BC807-40W	PNP	-45	-50	-5	-0.5	250	600	-0.7	0.2	150	SOT-323
BC857A	PNP	-45	-50	-5	-0.1	125	250	-0.65	0.2	150	SOT-23
BC857B	PNP	-45	-50	-5	-0.1	220	475	-0.65	0.2	150	SOT-23
BC857C	PNP	-45	-50	-5	-0.1	420	800	-0.65	0.2	150	SOT-23
MMBT2907A	PNP	-60	-60	-5	-0.6	50	100	-0.4	0.35	150	SOT-23
BC856A	PNP	-65	-80	-5	-0.1	125	250	-0.65	0.2	150	SOT-23
BC856B	PNP	-65	-80	-5	-0.1	220	475	-0.65	0.2	150	SOT-23
TSA874CW	PNP	-500	-500	-5	-0.15	100	300	-0.5	-	-	SOT-223
TSA884CX	PNP	-500	-500	-5	-0.15	100	300	-0.5	-	-	SOT-23

AMPLIFIERS

(T_A=25°C unless otherwise noted)

Part Number	Channel	Supply Voltage (V _{cc})		Supply Current per Channel (V _{cc})		Input Offset Voltage		Input Bias Current		Gain Bandwidth Product	Slew Rate	Output Current Source (Typ.)	Package Description
		(Min.)	(Max.)	(Min.)	(Max.)	(Min.)	(Max.)	(Min.)	(Max.)				
		(V)		(mA)		(mV)		(nA)			(MHz)	(V/μs)	(mA)
TS321CX5	1	-	32	0.7	1.2	2	7	45	50	1	0.4	40	SOT-25
TS358CD	2	-	32	0.7	1.2	2	7	-45	-250	1	0.4	40	DIP-8
TS358CS	2	-	32	0.7	1.2	2	7	-45	-250	1	0.4	40	SOP-8
TS34119CS	1	2	16	-	-	-	-	-200	-	1.5	-	-	SOP-8
TS34118CS28	1	3.5	6.5	5.5	8	-	-	-40	-	1	-	-	SOP-28

COMPARATORS

(T_A=25°C unless otherwise noted)

Part Number	Channel	Supply Voltage (V _{cc})		Supply Current per Channel (V _{cc})		Input Offset Voltage		Input Bias Current (Typ.)		Response Time	Input Common Mode Voltage Range		Package Description
		(Min.)	(Max.)	(Min.)	(Max.)	(Min.)	(Max.)	(Min.)	(Max.)		(Min.)	(Max.)	
		(V)		(mA)		(mV)		(nA)			(V)		
TS331CX5	1	-	36	0.4	1	2	5	-	250	1.3	-	1.5	SOT-25
TS393CD	2	-	36	0.4	1	2	5	-	250	1.3	-	1.5	DIP-8
TS393CS	2	-	36	0.4	1	2	5	-	250	1.3	0.4	40	SOP-8

ANALOG ICS - AMPLIFIER AND VOLTAGE REFERENCE

(T_A=25°C unless otherwise noted)

Part Number	Supply Voltage (V _{cc})		Input Offset Voltage (Max.) (mV)	Reference Voltage V _{ref} (Typ.) V	Accuracy of Reference Voltage V _{ref} (± %)	Package Description
	(Min.)	(Max.)				
	(V)					
TS103ACS	3	18	2	2.5	1	SOP-8

HALL EFFECT SENSORS

(T_A=25°C unless otherwise noted)

Part Number	Type	Supply Voltage (V _{cc})		Output Current	Supply Current	Magnetic Field Operating Point (B _{op})		Magnetic Field Release Point (B _{rp})		Package Description
		Min. (V)	Max. (V)	(mA)	Typ. (mA)	Min. (G)	Max. (G)	Min. (G)	Max. (G)	
TSH251CT	Omni-Polar	1.65	3.5	1	1.4	-55	55	10	-10	TO-92S
TSH251CX	Omni-Polar	1.65	3.5	1	1.4	-55	55	10	-10	TSOT-23
TSH253CT	Omni-Polar	1.8	6	1	2.6	-60	60	5	-5	TO-92S
TSH253CX	Omni-Polar	1.8	6	1	2.6	-60	60	5	-5	SOT-23
TSH248CX	Omni-Polar	2.5	3.5	2	2.5	6	60	5	59	TSOT-23
TSHA6151CQ	Omni-Polar	2.7	30	±500	50	±13	±29	±10	±26	TDFN2x3-6L
TSH282CT	Unipolar	3	24	50	2.5	45	100	25	70	TO-92S
TSH282CX	Unipolar	3	24	50	2.5	45	100	25	70	SOT-23
TSH188CT	Latch	2.5	24	50	5	5	25	-25	-5	TO-92S
TSH188CX	Latch	2.5	24	50	5	5	25	-25	-5	SOT-23
TSH181CT	Latch	3.5	20	25	4	5	90	-90	-5	TO-92S
TSH190CT	Latch	4	30	25	3	10	110	-110	-10	TO-92S
TSH190CX	Latch	4	30	25	3	10	110	-110	-10	SOT-23
TSH193CT	Latch	2.5	16	13	-	5	25	-25	-5	TO-92S
TSH193CX	Latch	2.5	16	13	-	5	25	-25	-5	SOT-23
TSH481CT	Linear	3	6.5	10	2.5	-800	800	-	-	TO-92S

LED DRIVERS

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	Topology	Active PFC	Supply Voltage (V _{cc})		Switch Output Current I _{sw} (Typ.)		Dimming		Switching Frequency		Package Description
			(Min.)	(Max.)					(Min.)	(Max.)	
			(V)	A	PWM	LINEAR	(kHz)				
TS19501CB10H ★	Boost, Buck-Boost and SEPIC	-	4.5	42	-	External N-MOS	YES	-	70	700	MSOP-10EP
TS19503CB10H ★	Buck (Step-down)	-	4.5	75	2	-	YES	-	-	-	MSOP-10EP
TS19605CA20H ★	Linear	-	4.5	70	150	-	YES	-	-	-	TSSOP-20EP
TSCR400CX6H ★	Linear	-	-	40	0.1~65	-	-	-	-	-	SOT-26
TSCR402CX6H ★	Linear	-	-	40	20~65	-	-	-	-	-	SOT-26
TSCR420CX6H ★	Linear	-	-	40	10~300	-	-	-	-	-	SOT-26
TSCR421CX6H ★	Linear	-	-	4.5	10~300	-	YES	-	-	-	SOT-26
TS19371CX6	Boost (Step-up)	-	2.5	18	0.65	-	YES	-	800	1,600	SOT-26
TS19501CB10	Boost, Buck-Boost and SEPIC	-	4.5	42	-	External N-MOS	YES	-	70	700	MSOP-10EP
TS19376CY5	Buck (Step-down)	-	8	32	1	-	YES	-	-	1,000	SOT-89-5L
TS19720CX6	Buck (Step-down)	Yes	8.0	40	-	External N-MOS	-	-	30	200	SOT-26
TS19820CS	Buck (Step-down)	Yes	9.5	30.5	-	External N-MOS	YES	YES	30	200	SOP-8
TS19730CX6	Buck-Boost	Yes	8.0	40	-	External N-MOS	-	-	30	200	SOT-26
TSCR400CX6	Linear	-	-	40	0.1~65	-	-	-	-	-	SOT-26
TSCR402CX6	Linear	-	-	40	20~65	-	-	-	-	-	SOT-26
TSCR420CX6	Linear	-	-	40	10~300	-	-	-	-	-	SOT-26
TSCR421CX6	Linear	-	-	4.5	10~300	-	YES	-	-	-	SOT-26
TS19705CX6	PSR FlyBack/Buck-Boost	Yes	7.8	40	-	External N-MOS	-	-	30	200	SOT-26
TS19340CS14	Secondary Side Controller	-	7.6	38	-	-	YES	YES	-	-	SOP-14

LINEAR VOLTAGE REGULATORS

(T_A=25°C unless otherwise noted)

★ =AEC-Q qualified

Part Number	Supply Voltage (V _{cc})		Output Voltage (V _{out})	Adjustable	Reference Voltage V _{ref}	Output Current I _{out} (Typ.)	Dropout Voltage V _{drop} (Typ.)	Quiescent Current I _q (Typ.)	Output Voltage Accuracy	Package Description
	(Min.)	(Max.)								
	(V)		(V)		(V)	(A)	(V)	(μA)	(± %)	
TQL820CA14V33 ★	3	50	3.3	-	-	0.2	0.11	40	2	TSSOP-14EP
TQL820CA14V50 ★	3	50	5	-	-	0.2	0.11	40	2	TSSOP-14EP
TQL821CSV33 ★	-	3-50	3.3	-	-	0.2	0.11	30	2	SOP-8EP
TQL821CSV50 ★	-	3-50	5	-	-	0.2	0.11	30	2	SOP-8EP
TQL850CSV33 ★	-	3-50	3.3	-	-	0.5	0.14	40	2	SOP-8EP
TQL850CSV50 ★	-	3-50	5	-	-	0.5	0.14	40	2	SOP-8EP
TQL851CSV33 ★	-	3-50	3.3	-	-	0.5	0.14	30	2	SOP-8EP
TQL851CSV50 ★	-	3-50	5	-	-	0.5	0.14	30	2	SOP-8EP
TS1117BCP	-	15	-	Yes	1.25	1	1.3	5,000	2	TO-252 (D-PAK)
TS1117BCP33	-	15	3.3	-	-	1	1.3	5,000	2	TO-252 (D-PAK)
TS1117BCP50	-	15	5	-	-	1	1.3	5,000	2	TO-252 (D-PAK)
TS1117BCW	-	15	-	Yes	1.25	1	1.3	5,000	2	SOT-223
TS1117BCW12	-	15	1.2	-	-	1	1.3	5,000	2	SOT-223
TS1117BCW25	-	15	2.5	-	-	1	1.3	5,000	2	SOT-223
TS1117BCW33	-	15	3.3	-	-	1	1.3	5,000	2	SOT-223
TS1117BCW50	-	15	5	-	-	1	1.3	5,000	2	SOT-223
TS2937CM33	-	26	3.3	-	-	0.5	0.6	2,500	2	TO-263 (D ² -PAK)
TS2937CM50	-	26	5	-	-	0.5	0.6	2,500	2	TO-263 (D ² -PAK)
TS2937CP33	-	26	3.3	-	-	0.5	0.6	2,500	2	TO-252 (D-PAK)
TS2937CP50	-	26	5	-	-	0.5	0.6	2,500	2	TO-252 (D-PAK)
TS2937CW33	-	26	3.3	-	-	0.5	0.6	2,500	2	SOT-223
TS2937CW50	-	26	5	-	-	0.5	0.6	2,500	2	SOT-223
TS2937CZ33	-	26	3.3	-	-	0.5	0.6	2,500	2	TO-220
TS2937CZ50	-	26	5	-	-	0.5	0.6	2,500	2	TO-220
TS2938CS33	-	26	3.3	-	-	0.5	0.5	2,500	2	SOP-8
TS2938CS50	-	26	5	-	-	0.5	0.5	2,500	2	SOP-8
TS2940CM33	-	26	3.3	-	-	1	0.6	7,500	2	TO-263 (D ² -PAK)
TS2940CM50	-	26	5	-	-	1	0.6	7,500	2	TO-263 (D ² -PAK)
TS2940CP33	-	26	3.3	-	-	1	0.6	7,500	2	TO-252 (D-PAK)
TS2940CP50	-	26	5	-	-	1	0.6	7,500	2	TO-252 (D-PAK)
TS2940CW33	-	26	3.3	-	-	1	0.6	7,500	2	SOT-223
TS2940CW50	-	26	5	-	-	1	0.6	7,500	2	SOT-223
TS2940CZ33	-	26	3.3	-	-	1	0.6	7,500	2	TO-220
TS2940CZ50	-	26	5	-	-	1	0.6	7,500	2	TO-220
TS2951CS30	-	30	3.0	-	-	0.15	0.38	8,000	1.5	SOP-8
TS2951CS33	-	30	3.3	-	-	0.15	0.38	8,000	1.5	SOP-8
TS2951CS50	-	30	5	-	-	0.15	0.38	8,000	1.5	SOP-8
TS317LCS	-	40	-	Yes	1.25	0.1	2	-	4	SOP-8
TS3480CX33	-	30	3.3	-	-	0.1	0.95	3,000	2	SOT-23
TS3480CX50	-	30	5	-	-	0.1	0.95	3,000	2	SOT-23
TS4264CW50	-	45	5	-	-	0.15	0.25	10,000	2	SOT-223
TS4264GCW50	-	45	5	-	-	0.15	0.25	1,700	2	SOT-223
TS5204CQ33	-	20	3.3	-	-	0.08	0.3	2,600	3	DFN 22

LINEAR VOLTAGE REGULATORS

Part Number	Supply Voltage (V_{cc})		Output Voltage (V_{out})	Adjustable	Reference Voltage V_{ref}	Output Current I_{out} (Typ.)	Dropout Voltage V_{drop} (Typ.)	Quiescent Current I_q (Typ.)	Output Voltage Accuracy	Package Description
	(Min.)	(Max.)								
	(V)		(V)		(V)	(A)	(V)	(μ A)	($\pm$ %)	
TS5204CX33	-	20	3.3	-	-	0.08	0.3	2,600	4	SOT-23
TS5204CX50	-	20	5	-	-	0.08	0.3	2,600	4	SOT-23
TS5204CY50	-	20	5	-	-	0.08	0.3	2,600	4	SOT-89
TS5205CX5	-	20	-	Yes	1.25	0.15	0.17	1,300	2	SOT-25
TS5205CX525	-	20	2.5	-	-	0.15	0.17	1,300	2	SOT-25
TS5205CX533	-	20	3.3	-	-	0.15	0.17	1,300	2	SOT-25
TS5205CX550	-	20	5	-	-	0.15	0.17	1,300	2	SOT-25
TS5213CX533	-	20	3.3	-	-	0.08	0.32	1,800	3	SOT-25
TS5213CX550	-	20	5	-	-	0.08	0.32	1,800	3	SOT-25
TS78L03ACY	-	30	3.3	-	-	0.1	2	3,000	4	SOT-89
TS78L03CS	-	30	3.3	-	-	0.1	2	3,000	4	SOP-8
TS78L03CX	-	30	3.3	-	-	0.1	2	3,000	4	SOT-23
TS78L05ACY	-	35	5	-	-	0.1	2	3,000	4	SOT-89
TS78L05CS	-	35	5	-	-	0.1	2	3,000	4	SOP-8
TS78L05CX	-	35	5	-	-	0.1	2	3,000	4	SOT-23
TS78L09ACY	-	35	9	-	-	0.1	2	3,000	4	SOT-89
TS78L09CS	-	35	9	-	-	0.1	2	3,000	4	SOP-8
TS78L09CX	-	35	9	-	-	0.1	2	3,000	4	SOT-23
TS78L12ACY	-	35	12	-	-	0.1	2	3,000	4	SOT-89
TS78L12CS	-	35	12	-	-	0.1	2	3,000	4	SOP-8
TS78L15ACY	-	35	15	-	-	0.1	2	3,000	4	SOT-89
TS78L15CS	-	35	15	-	-	0.1	2	3,000	4	SOP-8
TS78L24CS	-	40	24	-	-	0.1	2	3,000	4	SOP-8
TS79L05CY	-	-35	-5	-	-	1	2	3,000	4	SOT-89
TS90115CX	-	12	5	-	-	0.25	0.4	2	2	SOT-23
TS90115CY	-	12	5	-	-	0.25	0.4	2	2	SOT-89
TS9011DCX	-	12	1.8	-	-	0.25	0.4	2	2	SOT-23
TS9011DCY	-	12	1.8	-	-	0.25	0.4	2	2	SOT-89
TS9011KCX	-	12	2.5	-	-	0.25	0.4	2	2	SOT-23
TS9011KCY	-	12	2.5	-	-	0.25	0.4	2	2	SOT-89
TS9011SCX	-	12	3.3	-	-	0.25	0.4	2	2	SOT-23
TS9011SCY	-	12	3.3	-	-	0.25	0.4	2	2	SOT-89
TS9013KCW	-	12	2.5	-	-	0.5	0.6	15	2	SOT-223
TS9013SCY	-	12	3.3	-	-	0.5	0.5	15	2	SOT-89
TS9015CX5	2	7	-	Yes	0.9	0.3	0.3	50	2	SOT-25

SWITCHING REGULATORS

(T_A=25°C unless otherwise noted)

Part Number	Topology	Synchronous Rectification	Supply Voltage (V _{cc})		Fixed Output Voltage (V _{out})	Adjustable Output Voltage (V _{out})	Switch Output Current I _{sw} (Typ.)	Switch Output Current I _{sw}	Switching Frequency		Quiescent Current (Typ.)	Package Description
			(Min.)	(Max.)					(Min.)	(Max.)		
			(V)						(V)	(V)		
TS2509CS	Buck (Step-down)	No	4.5	23	-	Adj (0.8V Vref)	3	-	-	500	3	SOP-8
TS2581CS	Buck (Step-down)	No	4.5	40	-	Adj (1V Vref)	-	External P-MOS	-	100	3	SOP-8
TS2596CM5	Buck (Step-down)	No	4.5	40	-	Adj (1.23V Vref)	3	-	-	150	5	TO-263-5L (D ² -PAK)
TS2596CM533	Buck (Step-down)	No	4.5	40	3.3	-	3	-	-	150	5	TO-263-5L (D ² -PAK)
TS2596CM550	Buck (Step-down)	No	4.5	40	5.0	-	3	-	-	150	5	TO-263-5L (D ² -PAK)
TS2596SCS	Buck (Step-down)	No	4.5	24	-	Adj (1.23V Vref)	2	-	-	150	4	SOP-8
TS2596SCS50	Buck (Step-down)	No	4.5	24	5.0	-	2	-	-	150	4	SOP-8
TS34063CS	Buck (Step-down)	No	3	40	-	Adj (1.25V Vref)	1.5	-	0.1	100	3	SOP-8

VOLTAGE REFERENCES

($T_A=25^{\circ}\text{C}$ unless otherwise noted)

Part Number	Supply Voltage (V _{cc})		Reference Voltage V _{ref}	Accuracy of Reference Voltage V _{ref}	Operating Cathode Current I _{ka}		Operating Temperature T _j		Package Description
	(Min.)	(Max.)			(Typ.)	(Max.)	(Min.)	(Max.)	
	(V)				(mA)	(mA)	(°C)		
TS432BCX	-	18	1.24	0.5	0.02	0.08	0	70	SOT-23
TS432BIX	-	18	1.24	0.5	0.02	0.08	-40	85	SOT-23
TS431BCX	-	37	2.495	0.5	0.4	0.60	0	70	SOT-23
TS432ACX	-	18	1.24	1	0.02	0.08	0	70	SOT-23
TS432AIX	-	18	1.24	1	0.02	0.08	-40	105	SOT-23
TS431ACX	-	37	2.495	1	0.4	0.60	0	70	SOT-23
TS431ARCX-Z	-	36	2.495	1	0.2	0.50	-20	85	SOT-23

PACKING CODE LIST

REEL PACKING

Outline (Package)	Reel (pc)	Inner Box (pc)	Carton (pc)	Carton Size (mm)	Gross Weight (kg/Carton)	Reel Size (inch)	Packing Code
0503	4,000	20,000	120,000	397x216x232	3.60	7	RG
0603	4,000	20,000	120,000	397x216x232	3.70	7	RG
0805	10,000	20,000	100,000	380x360x260	4.70	13	RB
0805	5,000	30,000	150,000	395x220x235	7.00	7	RY
1005	4,000	20,000	120,000	397x216x232	4.00	7	RW
1206	10,000	20,000	100,000	380x360x260	5.00	13	RA
1206	5,000	30,000	150,000	395x220x235	7.50	7	RX
0603 (Ceramics)	10,000	20,000	100,000	380x360x260	6.30	13	RC
0603 (Ceramics)	5,000	30,000	150,000	395x220x235	5.70	7	RZ
0603-B	4,000	20,000	120,000	397x216x232	3.70	7	RG
0805 (Ceramics)	10,000	20,000	100,000	380x360x260	6.60	13	RB
0805 (Ceramics)	5,000	30,000	150,000	395x220x235	6.00	7	RY
1206 (Ceramics)	10,000	20,000	100,000	380x360x260	6.90	13	RA
1206 (Ceramics)	5,000	30,000	150,000	395x220x235	6.60	7	RX
2510P10 (DSON10)	3,000	18,000	108,000	385x270x217	5.00	7	RD
A-405	5,000	-	20,000	355x355x363	7.70	13	-
ABS	5,000	10,000	50,000	360x355x245	10.10	13	-
ABS-L	5,000	10,000	50,000	360x355x245	10.10	13	-
D2PAK-D	800	800	6,400	365x355x370	14.80	13	-
DBLS	1,500	3,000	21,000	380x355x383	14.40	13	-
DFN1006 (0402)	5,000	30,000	180,000	385x270x217	4.00	7	RJ
DFN1006L	10,000	60,000	360,000	385x270x217	4.060	7	RJ
DFN1006-3L	10,000	60,000	360,000	385x270x217	4.063	7	RN
DFN22	3,000	12,000	144,000	485x410x355	10.00	7	RF
DO-201	1,250	-	5,000	355x355x363	7.70	13	-
DO-201AD	1,250	-	5,000	355x355x363	8.80	13	-
DO-204AC (DO-15)	3,500	-	14,000	355x355x363	8.70	13	-
DO-204AL (DO-41)	5,000	-	20,000	355x355x363	10.00	13	-
DO-204AL (DO-41)	5,000	5,000	25,000	375x375x425	9.60	14	RO
DO-214AA (SMB)	3,000	6,000	30,000	360x355x245	8.20	13	-
DO-214AB (SMC)	3,000	6,000	30,000	360x355x245	11.70	13	-
DO-214AC (SMA)	7,500	15,000	75,000	360x355x245	10.80	13	-
DO-218AB	750	750	3,750	360x355x245	14.10	13	-
DO-34	10,000	10,000	50,000	375x375x425	9.26	14	RO
DO-35	10,000	10,000	50,000	375x375x425	9.56	14	RO
DO-214AB (SMC)	3,000	6,000	30,000	360x355x245	11.70	13	-
TO-269AA (MBS)	3,000	6,000	48,000	355x355x363	13.70	13	-
MELF	5,000	10,000	30,000	360x355x233	11.00	13	LO
MELF (Plastic)	5,000	10,000	50,000	360x356x230	11.05	13	LO
Micro SMA	12,000	24,000	120,000	360x356x230	5.66	13	-
MMELF	2,500	15,000	90,000	385x270x217	5.79	7	L1
MMELF	10,000	30,000	150,000	360x355x233	9.94	13	LO
MSOP-08	1,000	5,000	30,000	385x270x217	4.50	7	RM
MSOP-10	1,000	5,000	30,000	385x270x217	4.50	7	RO
MSOP-10EP	5,000	5,000	45,000	385x375x390	7.83	13	RB
P2500	800	-	3,200	355x355x363	8.60	13	-

PACKING CODE LIST

Outline (Package)	Reel (pc)	Inner Box (pc)	Carton (pc)	Carton Size (mm)	Gross Weight (kg/Carton)	Reel Size (inch)	Packing Code
PDFN1012 Dual	1,500	1,500	13,500	385x375x390	13.20	13	RA
PDFN33	5,000	10,000	50,000	475x400x200	9.00	13	RG
PDFN33 Dual	5,000	10,000	50,000	475x400x200	9.00	13	RG
PDFN56	2,500	5,000	25,000	390x380x305	7.90	13	RL
PDFN56	6,000	12,000	60,000	360x356x230	12.70	13	-
PDFN56 Asymmetric Dual	2,500	5,000	25,000	390x380x305	7.90	13	RL
PDFN56 Dual	2,500	5,000	25,000	390x380x305	7.90	13	RL
PDFN56U	2,500	5,000	25,000	375x290x395	7.98	13	RL
PDFN56U Dual	2,500	5,000	25,000	375x290x395	7.88	13	RL
QMMELF	10,000	30,000	150,000	360x355x233	10.60	13	L0
QMMELF	2,500	15,000	90,000	385x270x217	6.26	7	L1
R-6	1,000	-	4,000	355x355x363	9.50	13	-
SMAF	7,500	15,000	75,000	360x355x245	7.30	13	-
SMPC4.0	6,000	12,000	60,000	360x356x230	12.70	13	-
TO-277A (SMPC)	6,000	12,000	60,000	360x356x230	12.70	13	-
TO-277A (SMPC4.6U)	6,000	12,000	60,000	360x356x230	13.11	13	-
SOD-123	3,000	45,000	180,000	440x440x230	7.86	7	RH
SOD-123	3,000	30,000	120,000	438x438x220	7.59	7	RI
SOD-123F	10,000	30,000	150,000	360x355x233	7.60	13	M2
SOD-123F	3,000	18,000	108,000	385x270x217	4.74	7	RH
SOD-123FL	10,000	20,000	100,000	360x355x200	6.08	13	-
SOD-123HE	10,000	20,000	100,000	360x355x200	6.30	13	-
SOD-123W	10,000	20,000	100,000	360x355x200	6.30	13	-
SOD-128	14,000	28,000	140,000	360x355x245	10.10	13	-
SOD-323	3,000	30,000	120,000	440x440x230	6.80	7	RI
SOD-323	3,000	45,000	180,000	438x438x220	9.00	7	RQ
SOD-323	3,000	45,000	180,000	440x440x230	6.94	7	RR
SOD-323	3,000	45,000	180,000	440x440x230	6.94	7	RV
SOD-323	3,000	18,000	108,000	385x270x217	4.10	7	RW
SOD-323F	10,000	30,000	150,000	360x355x233	6.43	13	R9
SOD-323F	3,000	18,000	108,000	385x270x217	4.10	7	RR
SOD-523F	8,000	48,000	288,000	385x270x217	4.39	7	RJ
SOD-523F	3,000	18,000	108,000	385x270x217	3.67	7	RK
SOD-523F	8,000	120,000	480,000	440x440x230	8.80	7	RS
SOD-523F	3,000	45,000	180,000	440x440x230	6.33	7	RU
SOD-723F	5,000	40,000	200,000	545x202x202	4.09	7	RL
SOD80C	10,000	20,000	60,000	365x365x180	5.70	13	L0
SOD-923F	8,000	80,000	320,000	438x438x220	8.00	7	RD
SOD-923F	8,000	120,000	480,000	438x438x220	10.00	7	RT
SOP-14	2,500	5,000	25,000	390x380x305	7.90	13	RL
SOP-28	1,500	1,500	12,000	420x355x365	10.50	13	RD
SOP-4	2,000	4,000	20,000	400x295x370	12.00	13	RA
SOP-8	2,500	5,000	25,000	360x355x270	7.60	13	RL
SOP-8	3,000	6,000	30,000	375x285x360	9.00	13	RV
SOP-8EP	2,500	5,000	25,000	390x310x370	8.00	13	RL
SOT-223	2,500	5,000	25,000	390x370x290	8.60	13	RP

PACKING CODE LIST

Outline (Package)	Reel (pc)	Inner Box (pc)	Carton (pc)	Carton Size (mm)	Gross Weight (kg/Carton)	Reel Size (inch)	Packing Code
SOT-23	10,000	30,000	150,000	360x355x233	7.60	13	R5
SOT-23	3,000	45,000	180,000	438x438x220	8.45	7	RU
SOT-23	3,000	30,000	120,000	438x438x220	8.00	7	RI
SOT-23	3,000	18,000	108,000	385x270x217	4.49	7	RF
SOT-23	3,000	12,000	144,000	380x320x390	8.35	7	RF
SOT-23	3,000	30,000	120,000	395x295x225	5.25	7	RF
SOT-23	10,000	20,000	100,000	380x328x390	9.50	13	RK
SOT-25	3,000	18,000	108,000	385x270x217	5.00	7	RF
SOT-25	3,000	12,000	144,000	380x320x390	9.50	7	RF
SOT-26	3,000	45,000	180,000	438x438x220	8.00	7	RP
SOT-26	3,000	18,000	108,000	385x270x217	5.64	7	RF
SOT-26	3,000	12,000	144,000	380x320x390	9.50	7	RF
SOT-26	10,000	20,000	100,000	380x320x390	9.50	13	RK
SOT-323	3,000	45,000	180,000	438x438x220	8.17	7	RV
SOT-323	3,000	18,000	108,000	385x270x217	4.28	7	RF
SOT-363	3,000	45,000	180,000	438x438x220	8.14	7	RE
SOT-363	3,000	45,000	180,000	440x440x230	7.60	7	RF
SOT-363	3,000	18,000	108,000	385x270x217	3.71	7	RF
SOT-523	3,000	45,000	180,000	438x438x220	9.00	7	RS
SOT-563	3,000	45,000	180,000	438x438x220	8.00	7	RS
SOT-723	8,000	80,000	320,000	438x438x220	7.68	7	RD
SOT-89	1,000	4,000	48,000	390x290x380	8.50	7	RM
SOT-89-5L	1,000	4,000	48,000	390x290x380	8.50	7	RM
Sub SMA	10,000	20,000	100,000	360x355x200	7.60	13	-
TBS	1,800	3,600	25,200	500x360x360	12.80	13	-
TDFN 2x2	3,000	12,000	144,000	403x387x293	9.00	7	RF
TDFN2x3-6L	3,000	12,000	144,000	380x330x390	8.60	7	M3
Thin SMA	14,000	28,000	140,000	360x355x245	8.80	13	-
TMB	5,000	10,000	50,000	400x370x295	8.00	13	R7
TO-252 (D-PAK)	2,500	5,000	25,000	370x370x290	13.20	13	-
TO-252 (D-PAK)	2,500	5,000	25,000	370x370x290	13.20	13	RO
TO-263 (D ² -PAK)	800	800	4,000	390x360x280	10.00	13	RN
TO-263-2L	800	800	4,000	390x360x280	10.00	13	RN
TO-263-5L (D ² -PAK)	800	800	4,000	390x360x280	10.00	13	RN
TO-263AB (D ² -PAK)	800	800	6,400	365x355x370	14.50	13	-
TS-1	5,000	-	20,000	355x355x363	7.10	13	-
TSOT-23	3,000	12,000	144,000	380x320x390	9.50	7	RF
TSSOP-8	3,000	6,000	30,000	383x360x300	9.00	13	RV
TSSOP-20EP	2,500	5,000	25,000	383x285x390	7.74	13	RL
TSSOP-14EP	2,500	5,000	25,000	383x285x390	7.74	13	RL
YBS	3,000	6,000	42,000	363x363x368	12.75	13	-

Remark :

All the dimensions and weights mentioned above are described for your reference only; The actual measurement is subject to final confirmation.

PACKING CODE LIST

AMMO BOX PACKING

Outline (Package)	Inner Box (pc)	Carton (pc)	Carton Size (mm)	Gross Weight (kg/Carton)	Packing Code
A-405	3,000	30,000	410x270x247	9.30	A0
DO-204AC (DO-15)	1,500	15,000	410x270x225	8.30	A0
DO-201AD	500	10,000	413x273x325	13.70	A0
DO-201	500	10,000	413x273x325	12.40	A0
DO-34	5,000	50,000	400x265x195	6.45	A0
DO-34	5,000	50,000	280x276x190	6.45	A2
DO-35	5,000	50,000	400x265x195	7.00	A0
DO-204AL (DO-41)	3,000	30,000	410x270x247	12.70	A0
DO-204AL (DO-41)	3,000	30,000	400x265x195	8.80	A0
P2500	500	2,500	440x290x205	6.40	A0
R-6	700	3,500	440x290x205	7.45	A0
TO-92	4,000	20,000	360x355x233	6.98	A1
TO-92	2,000	20,000	505x405x240	7.00	A2
TO-92S	3,000	30,000	505x405x240	8.00	A3
TS-1	3,000	30,000	410x270x247	8.30	A0

Remark :

All the dimensions and weights mentioned above are described for your reference only; The actual measurement is subject to final confirmation.

PACKING CODE LIST

BULK PACKING

Outline (Package)	Inner Box (pc)	Carton (pc)	Carton Size (mm)	Gross Weight (kg/Carton)	Packing Code
A-405	1000	50,000	460x230x275	14.3	B0
DO-15	1,000	40,000	460x230x275	18.6	B0
DO-201	500	15,000	415x328x285	17.1	B0
DO-201AD	500	15,000	415x328x285	20	B0
DO-201AD	500	15,000	415x328x285	17.2	X0
DO-204AL (DO-41)	1,000	50,000	460x230x275	20.2	B0
R-6	400	12,000	415x328x285	23.1	B0
TO-126	2,500	25,000	520x370x270	18	B0
TO-92	5,000	50,000	585x190x180	11.1	B1
TO-92	10,000	100,000	525x375x270	24	B2
TO-92S	10,000	100,000	525x375x270	20	B3
TO-92S	10,000	100,000	480x330x400	15.7	B0
TS-1	1,000	50,000	460x230x275	12.5	B0
TS-6P	100	2,000	315x290x210	16.2	X0

Remark :

All the dimensions and weights mentioned above are described for your reference only; The actual measurement is subject to final confirmation.

PACKING CODE LIST

TUBE PACKING

Outline (Package)	Tube (pc)	Inner Box (pc)	Carton (pc)	Carton Size (mm)	Gross Weight (kg/Carton)	Packing Code
D3K	25	1,500	6,000	411x340x214	15.8	-
DBL	50	5,000	20,000	482x350x335	18.8	-
DIP-8	50	2,000	20,000	560x310x275	19.42	C3
GBL	25	1,200	2,400	580x193x205	10.2	-
GBU	20	1,000	2,000	501x195x260	12.7	-
I ² PAK	50	2,000	4,000	565x175x185	10.4	-
ITO-220	50	2,000	4,000	565x178x185	11.53	C0
ITO-220S	50	2,000	8,000	600x350x195	21.6	C0
ITO-220AB	50	2,000	4,000	580x193x205	11.5	-
ITO-220AC	50	2,000	4,000	580x193x205	11.5	-
KBJL	20	1,000	2,000	565x200x185	8.9	-
SOP-28	25	1,500	15,000	420x305x195	28.4	C8
TO-220	50	2,000	8,000	630x355x230	28	C0
TO-220-5L	50	2,000	8,000	630x355x233	26	C0
TO-220AB	50	2,000	4,000	565x175x185	11.6	-
TO-220AC	50	2,000	4,000	565x175x185	11.6	-
TO-251 (I-PAK)	75	3,750	30,000	585x350x315	15	C5
TO-251S (I-PAK SL)	75	3,750	30,000	585x350x315	15	X0
TO-262 (I ² PAK)	50	2,000	4,000	565x178x185	8.3	C0
TO-262S	50	2,000	4,000	565x178x185	8.3	X0
TO-247AD (TO-3P)	30	600	2,400	560x415x140	21.1	-
TS4K	20	1,000	2,000	570x219x227	12.8	-
KBPF	35	2,100	4,200	570x300x110	10	-
TS-6P	15	1,200	1,200	505x195x200	12.8	-
TS-6PL	15	750	1,500	500x265x137	11	-

Remark :

All the dimensions and weights mentioned above are described for your reference only; The actual measurement is subject to final confirmation.

PACKING CODE LIST

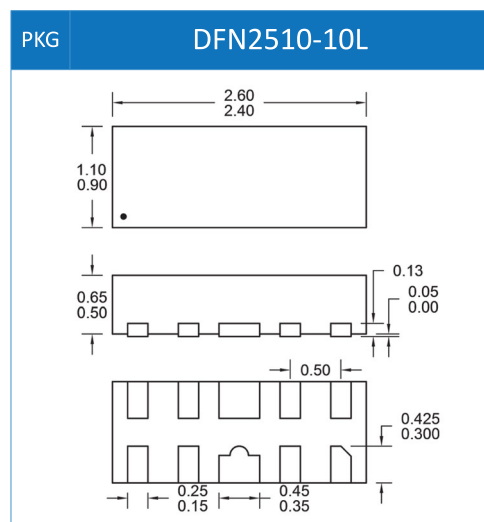
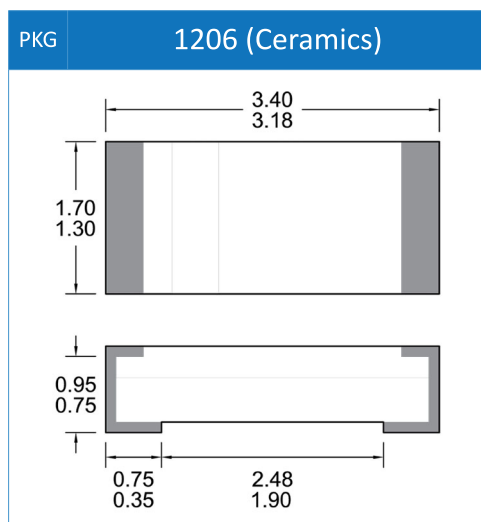
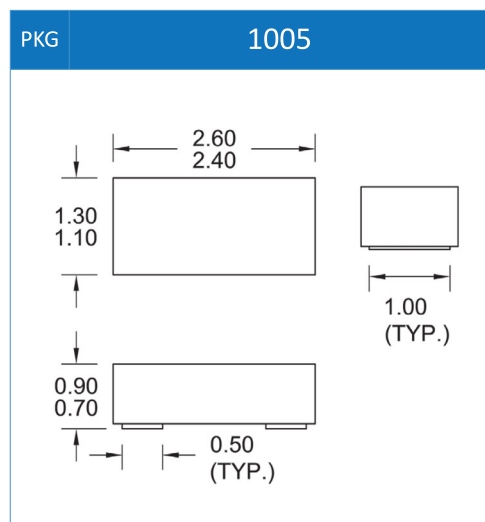
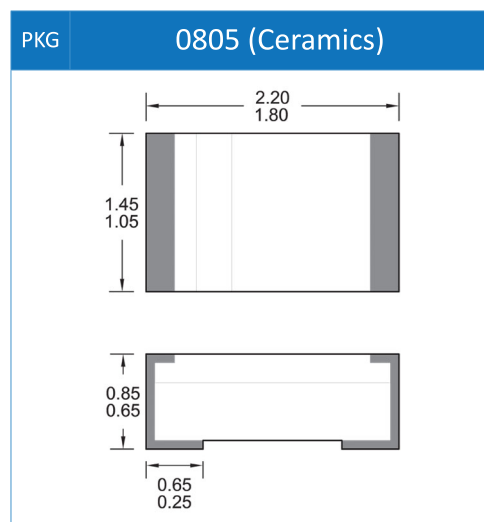
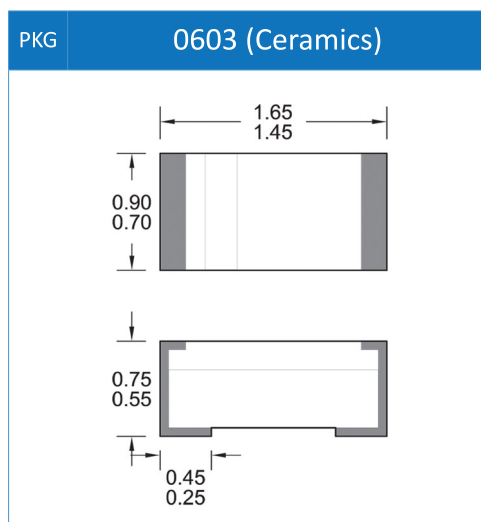
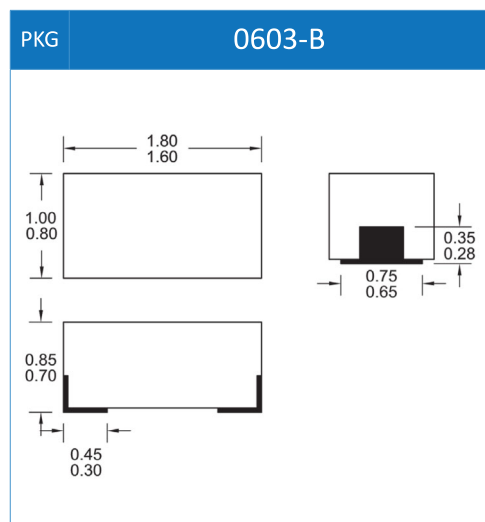
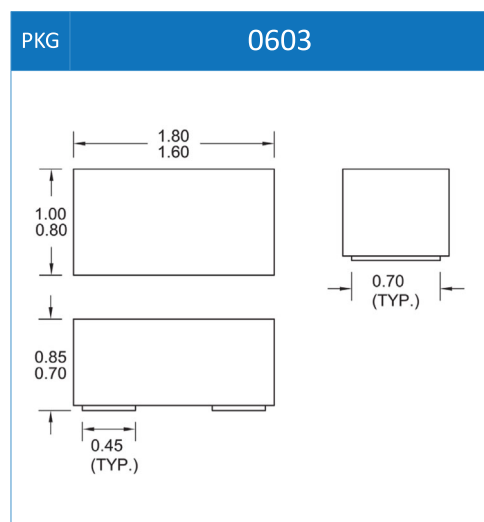
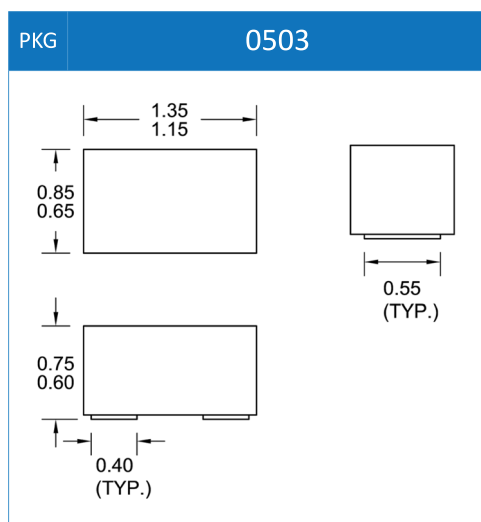
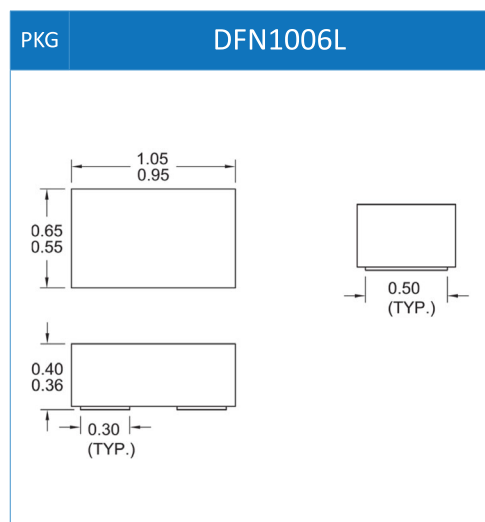
TRAY PACKING

Outline (Package)	Tray (pc)	Box (pc)	Carton (pc)	Carton Size (mm)	Gross Weight (kg/Carton)	Packing Code
KBL	100	1,000	2,000	325x315x295	14.2	-
KBU	100	500	2,000	360x355x245	18	-
GBPC-W	50	100	500	360x230x400	11	-
GBPC	50	100	500	360x230x400	11.8	-
GBPC40	50	100	500	360x230x400	9.8	-
GBPC-M	50	100	500	360x230x400	11.8	-
GBPC40-M	50	100	500	360x230x400	9.8	-
GBPC-MT	50	100	500	360x230x400	12.5	-

Remark :

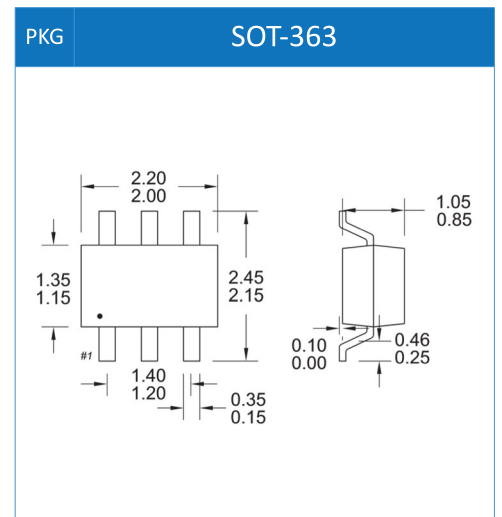
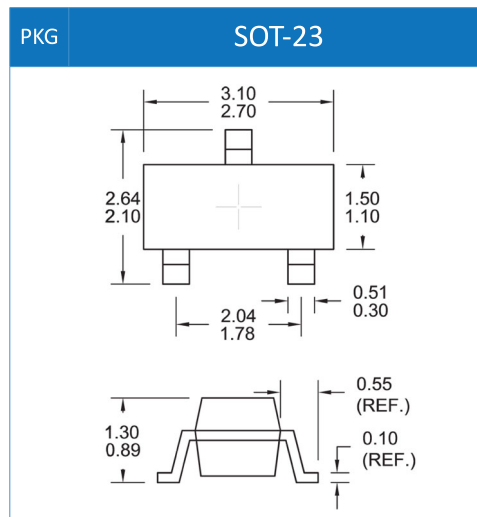
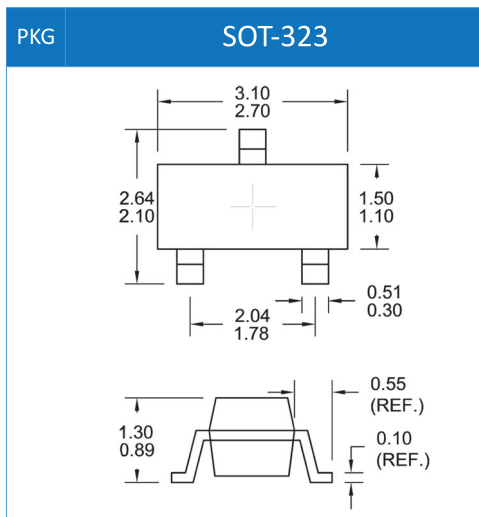
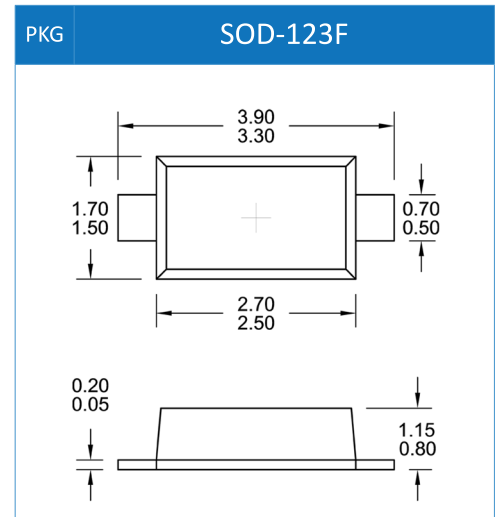
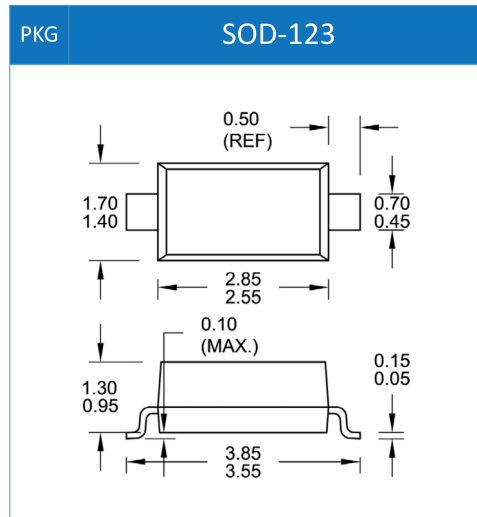
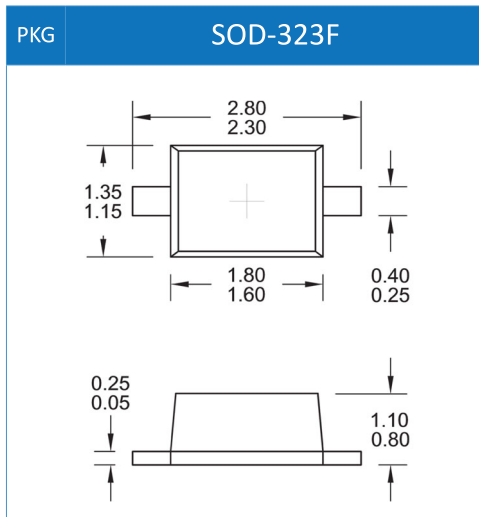
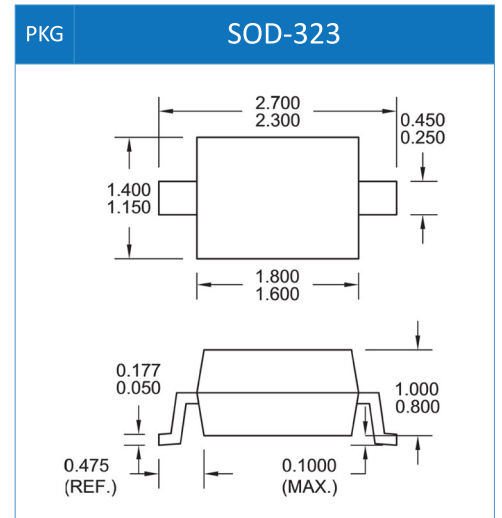
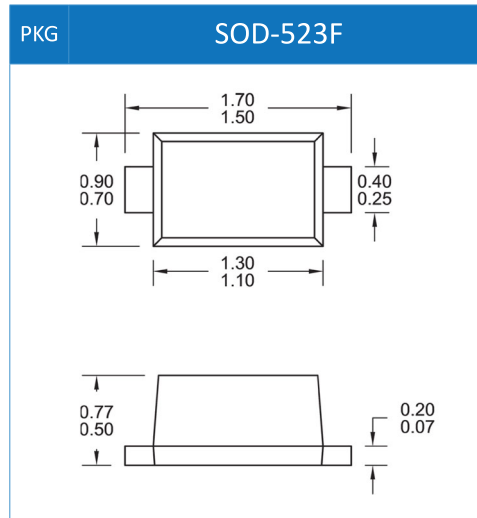
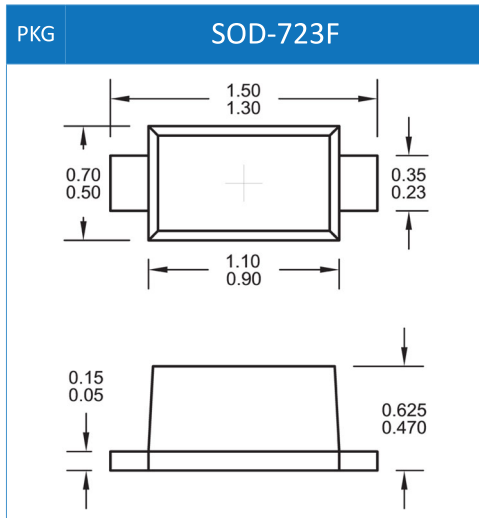
All the dimensions and weights mentioned above are described for your reference only; The actual measurement is subject to final confirmation.

OUTLINE DRAWINGS - DIODE



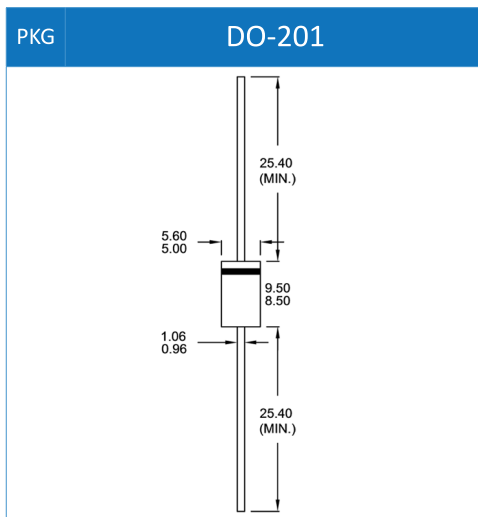
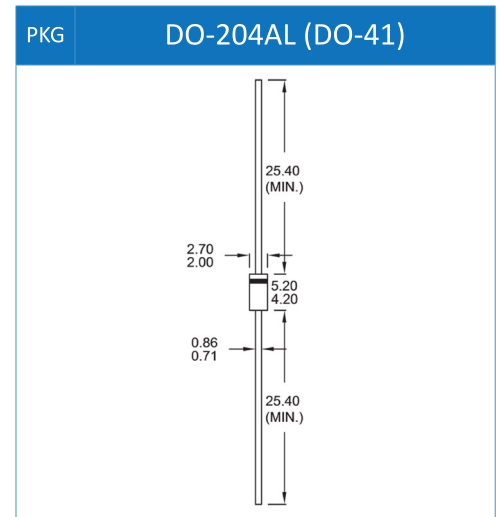
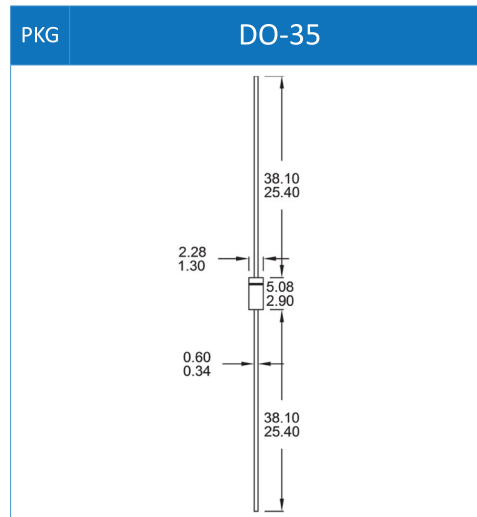
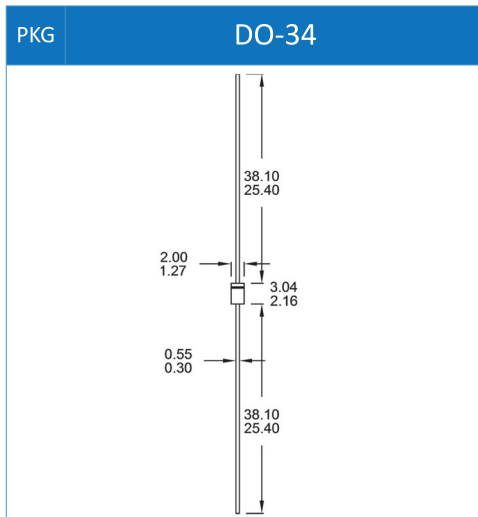
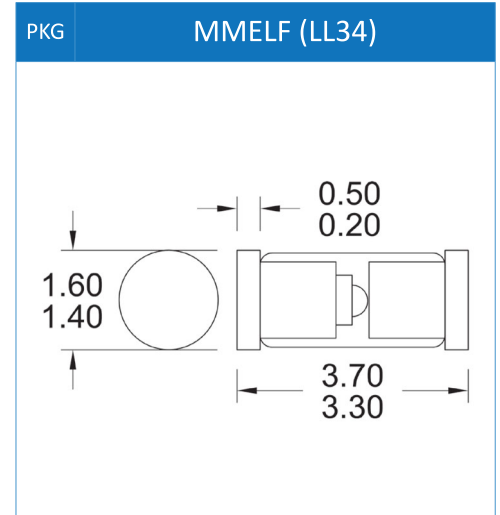
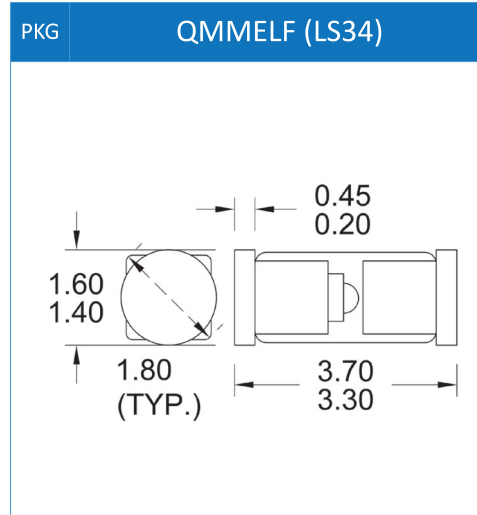
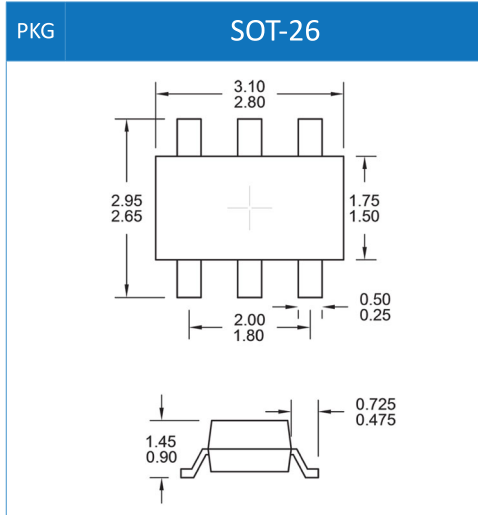
Unit: millimeter

OUTLINE DRAWINGS - DIODE



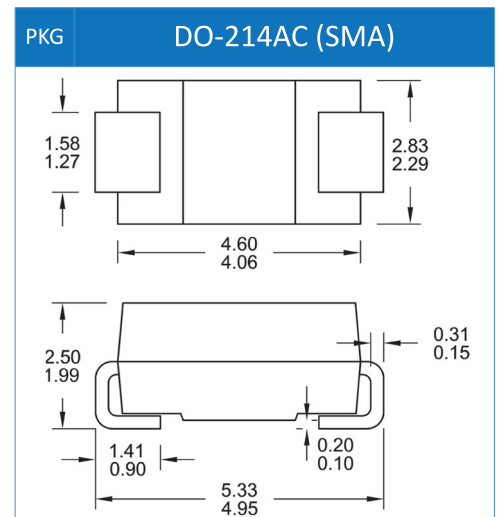
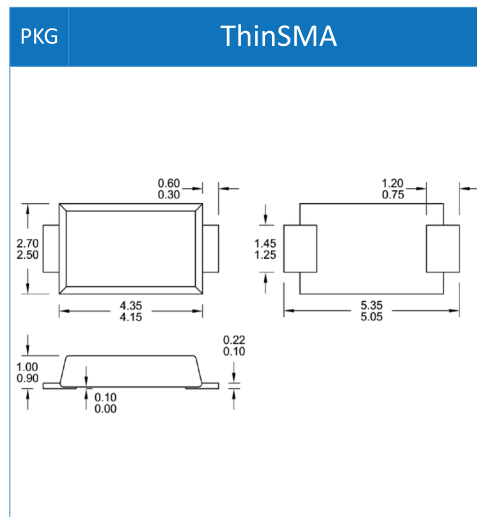
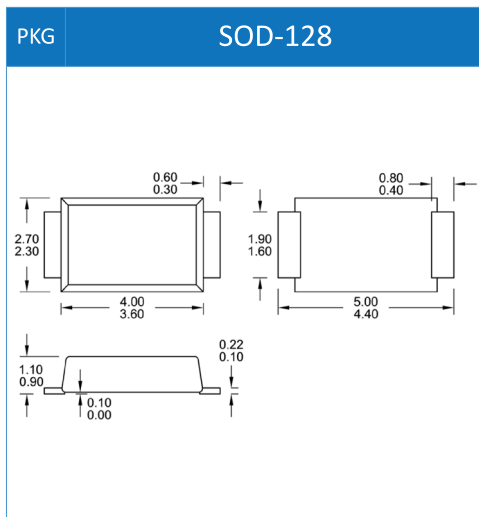
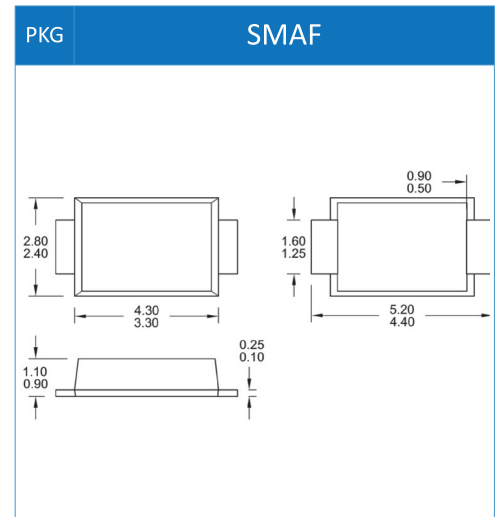
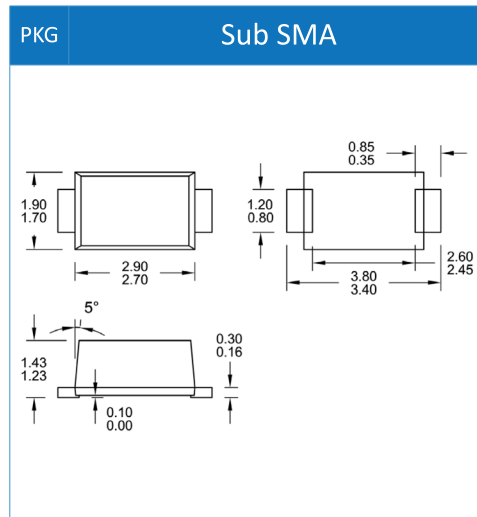
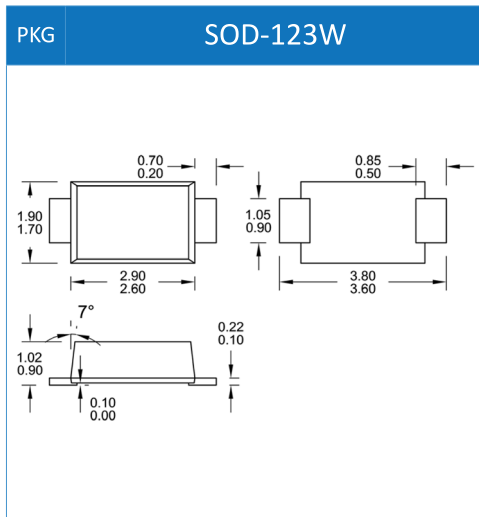
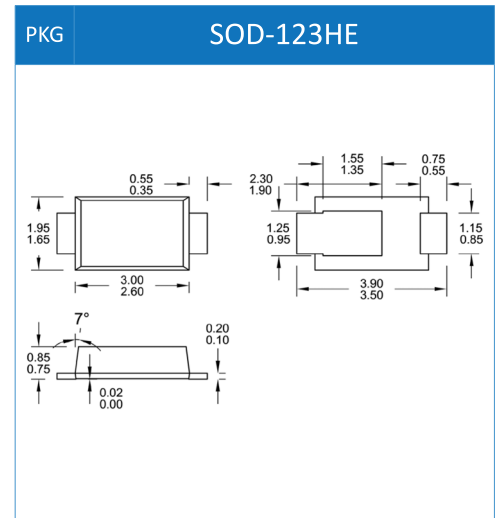
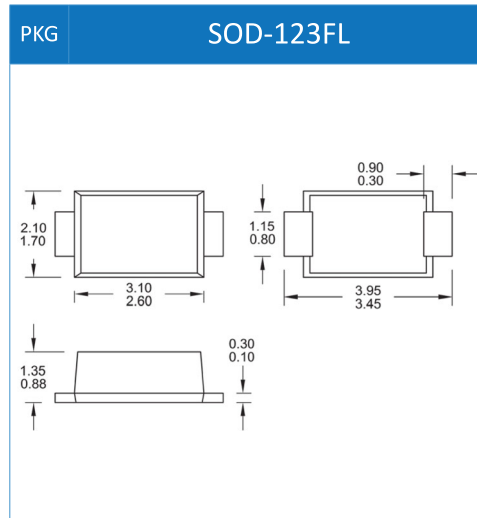
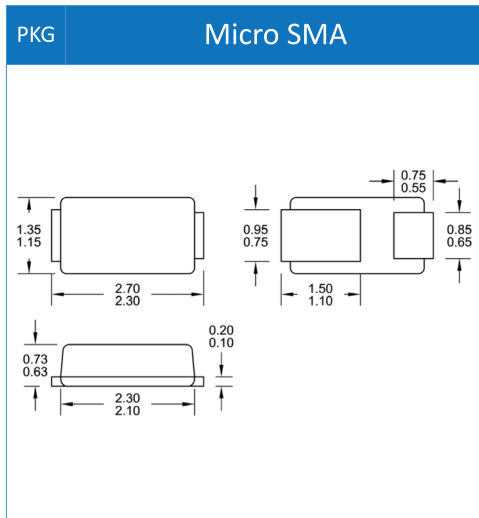
Unit: millimeter

OUTLINE DRAWINGS - DIODE



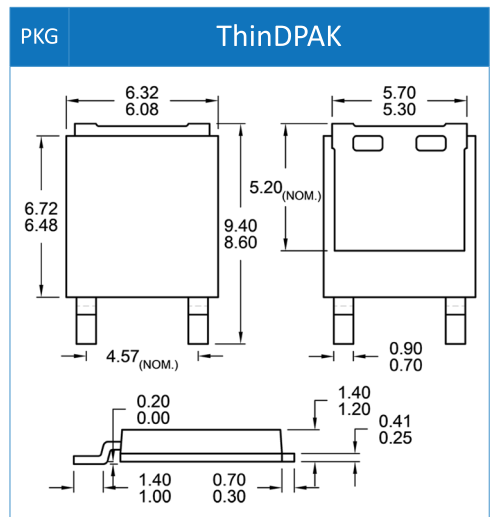
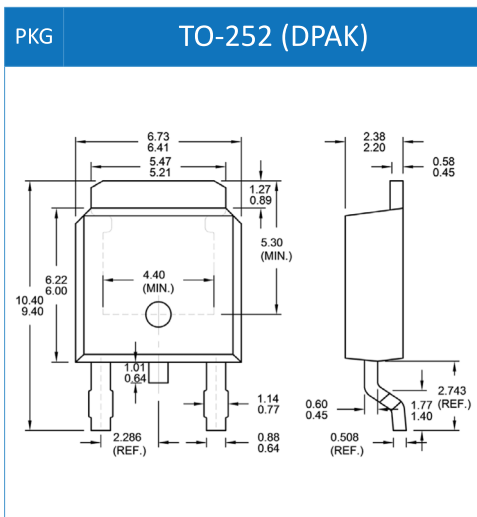
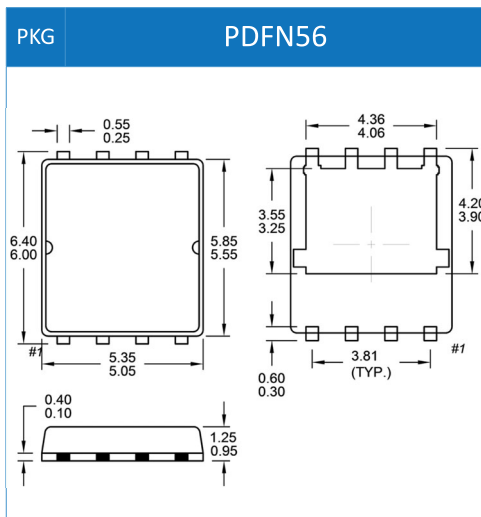
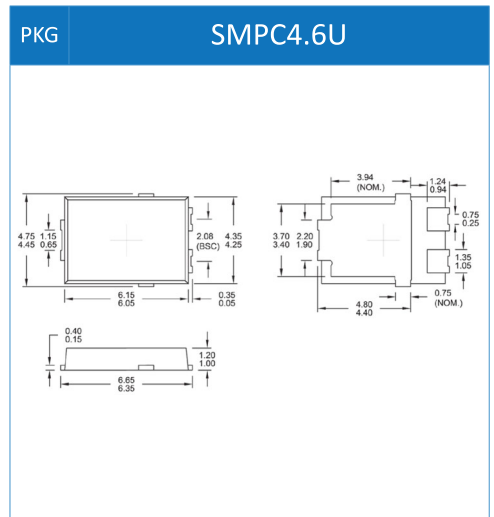
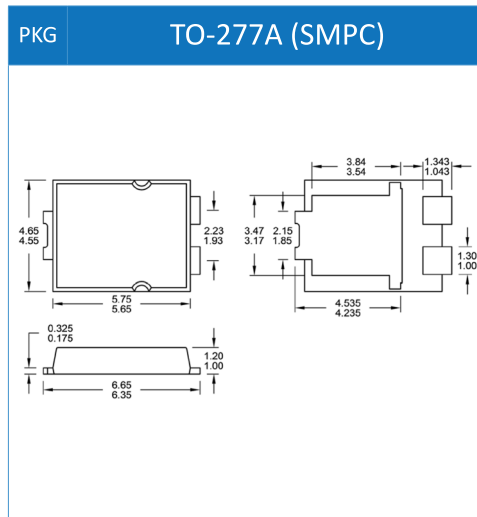
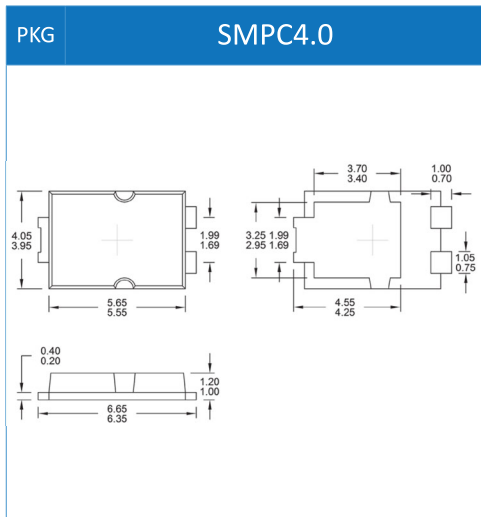
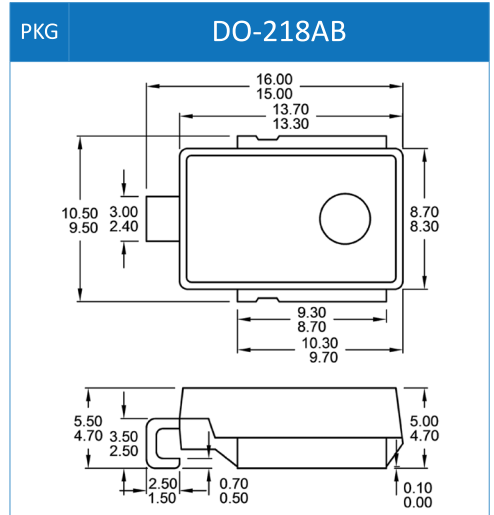
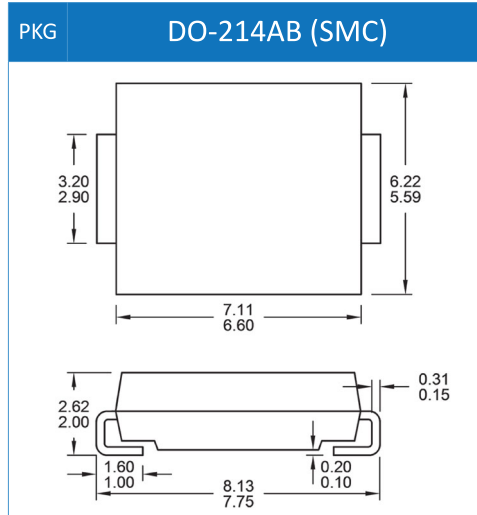
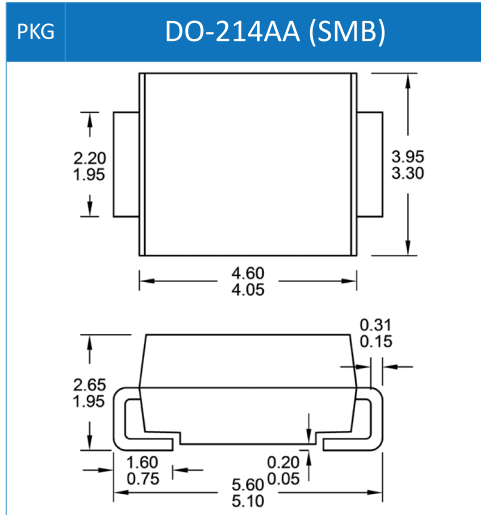
Unit: millimeter

OUTLINE DRAWINGS - RECTIFIER



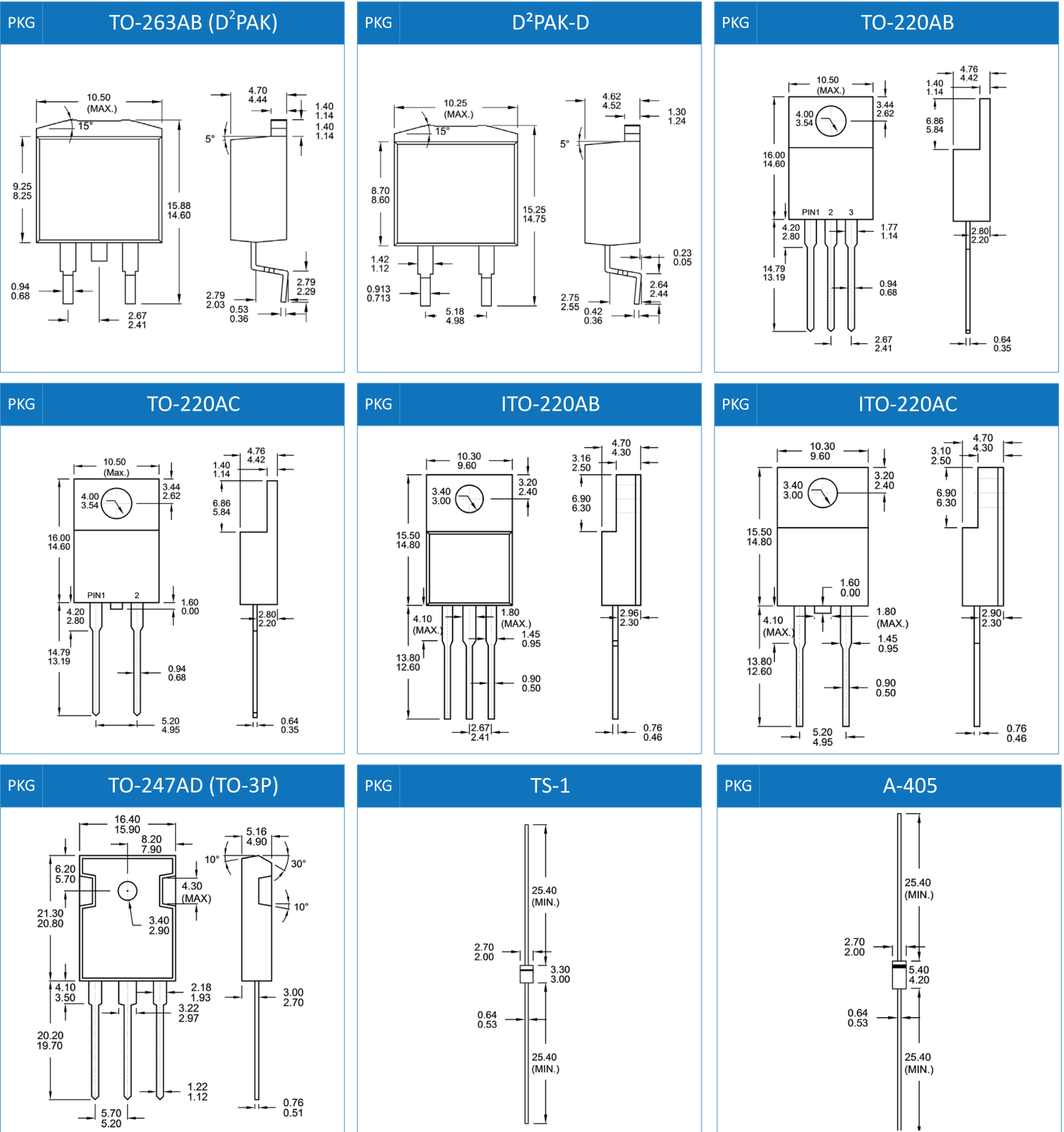
Unit: millimeter

OUTLINE DRAWINGS - RECTIFIER



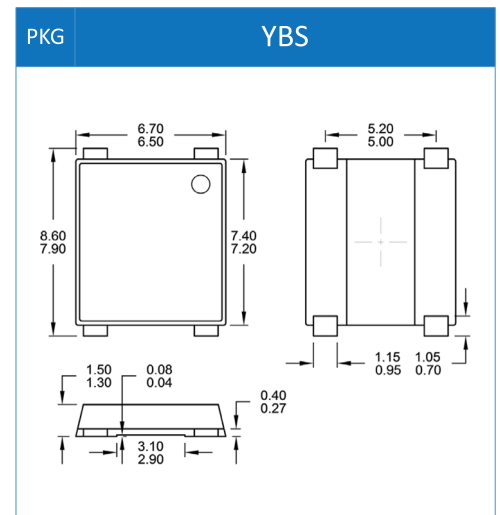
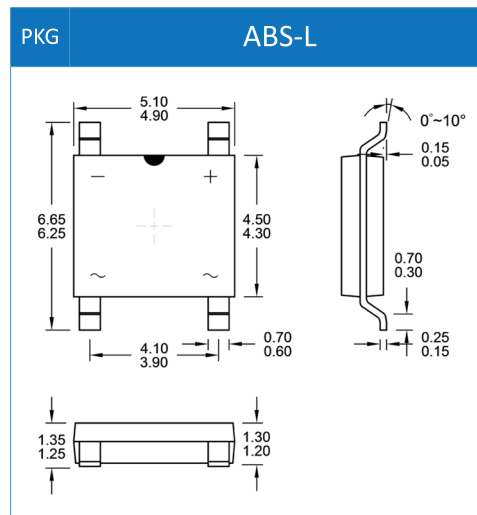
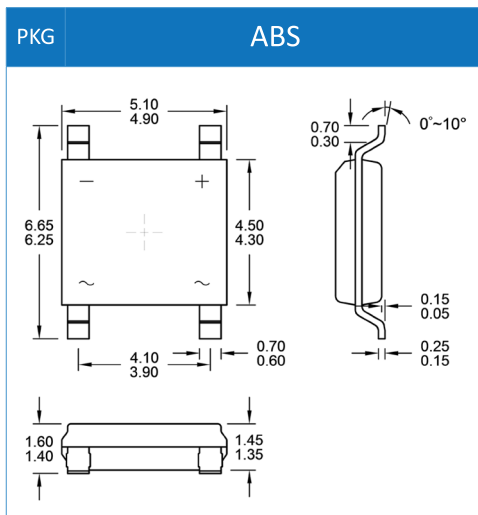
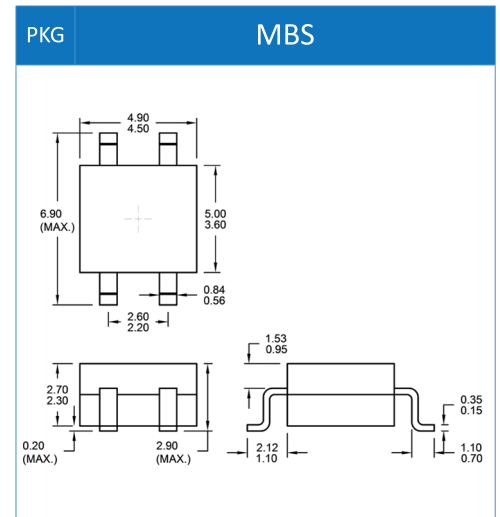
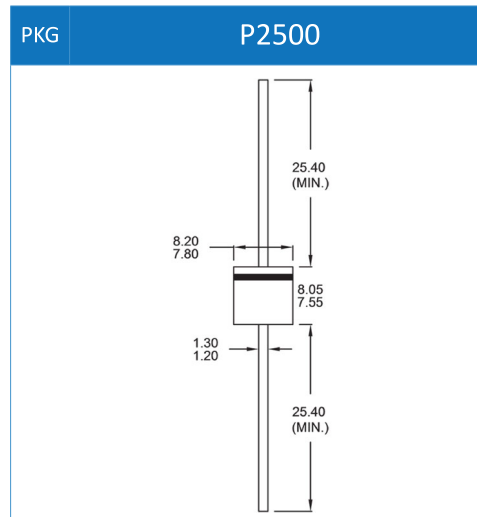
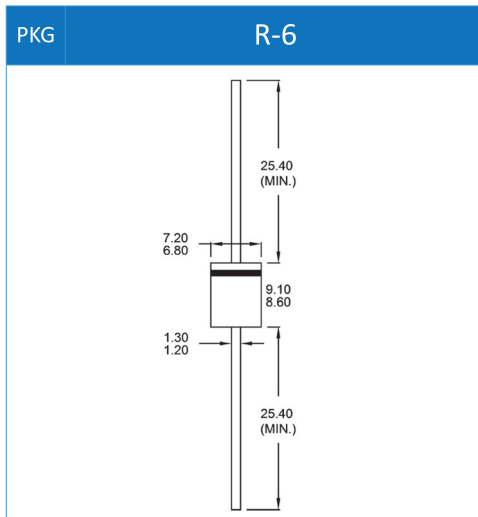
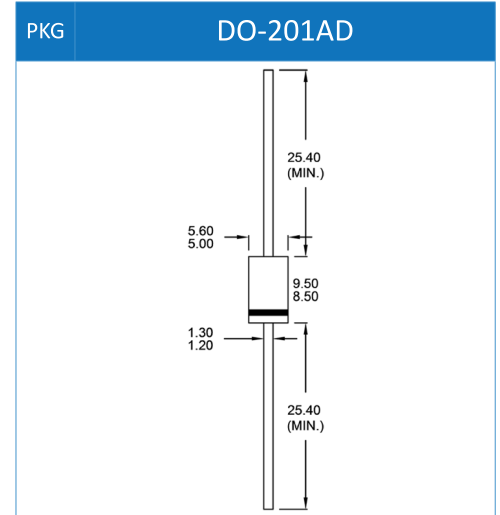
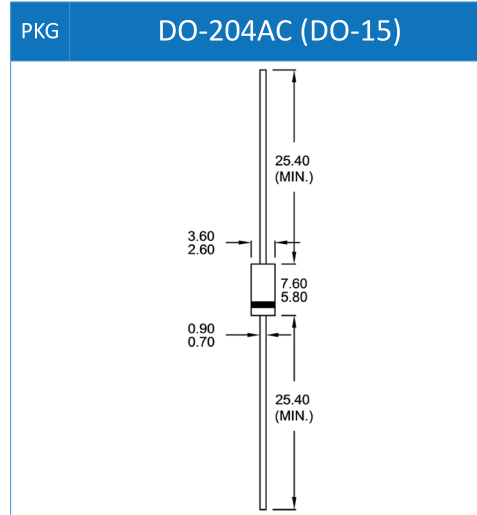
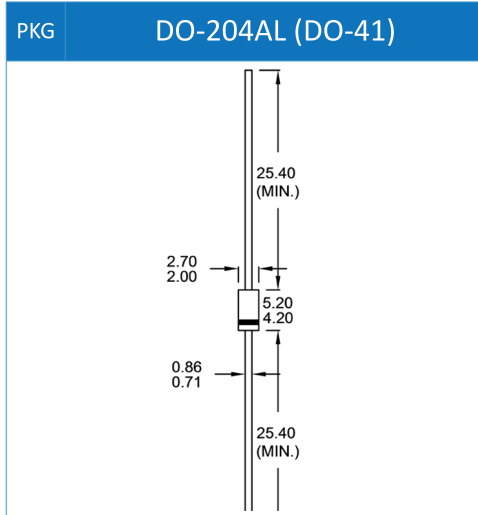
Unit: millimeter

OUTLINE DRAWINGS - RECTIFIER



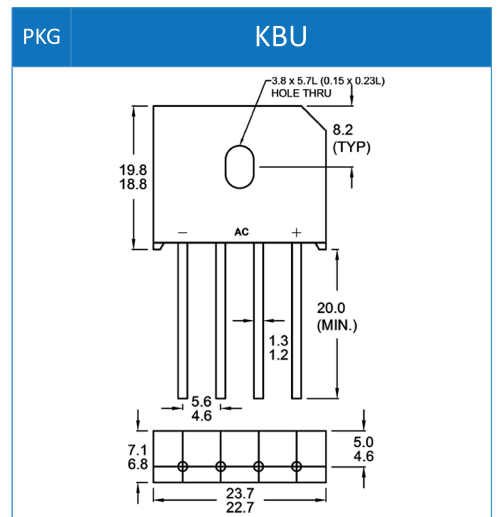
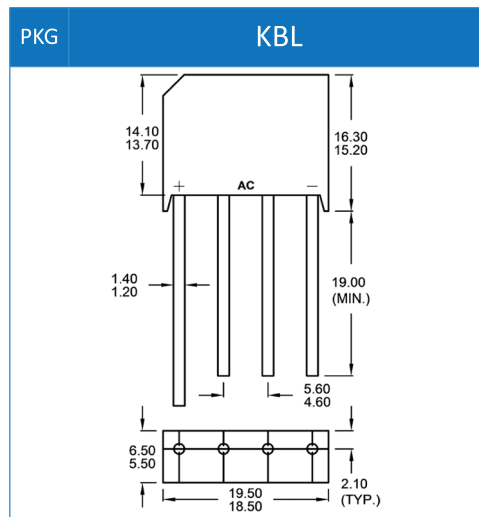
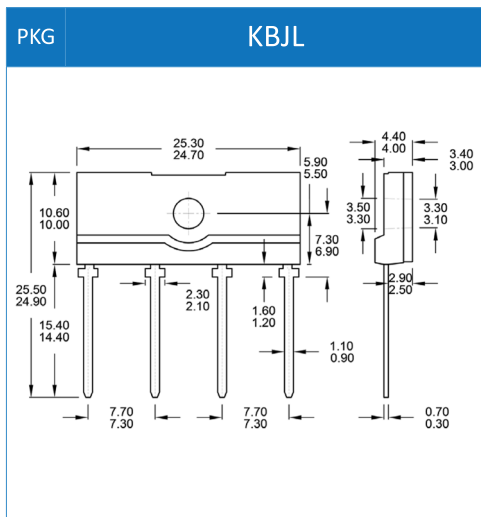
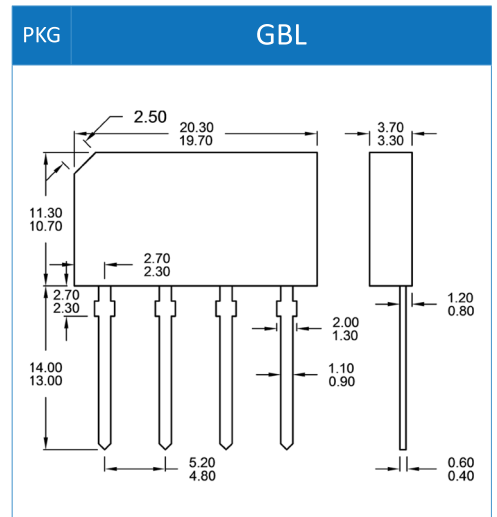
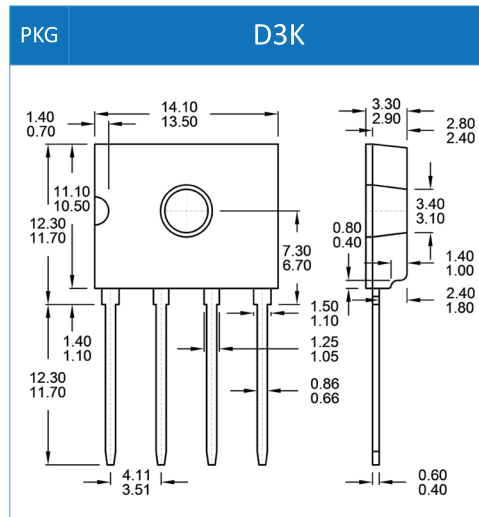
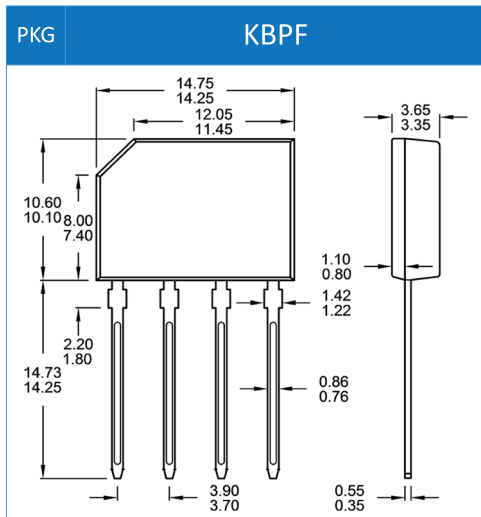
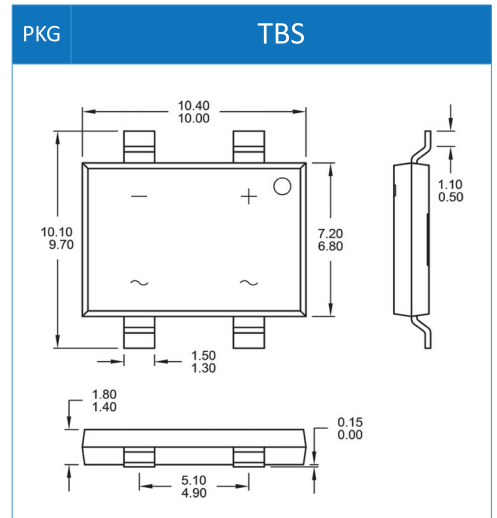
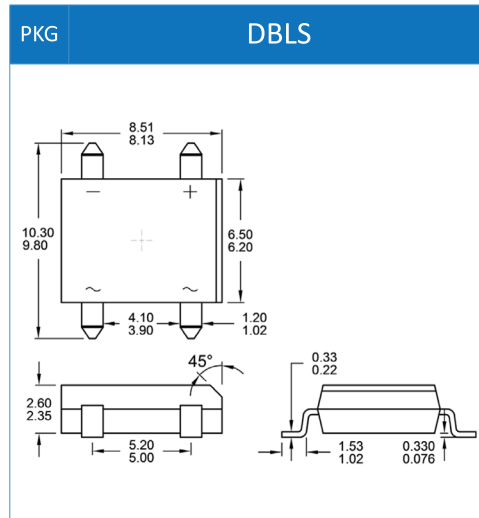
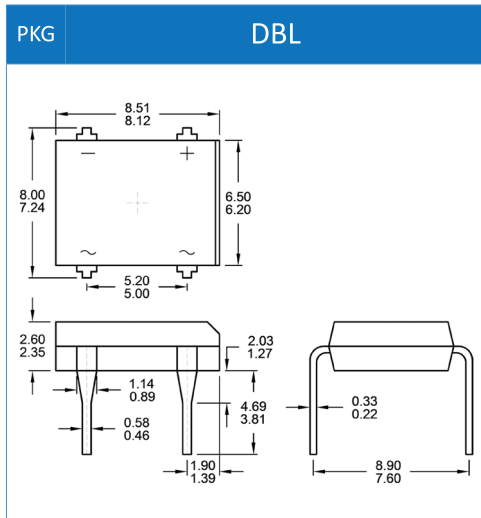
Unit: millimeter

OUTLINE DRAWINGS - RECTIFIER



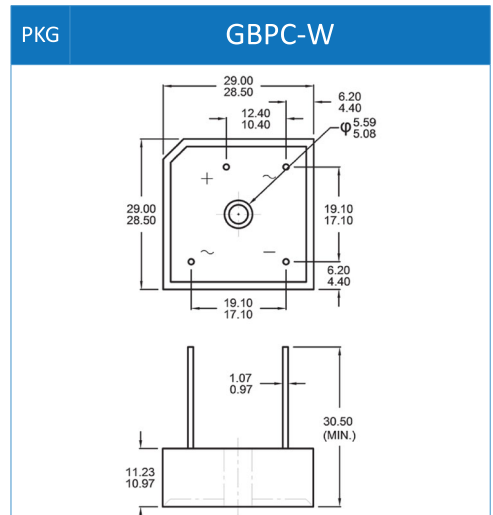
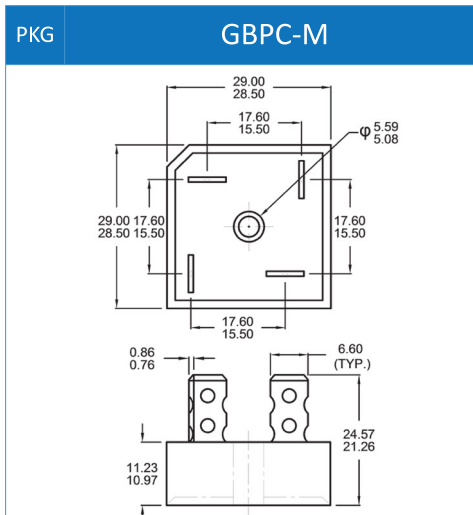
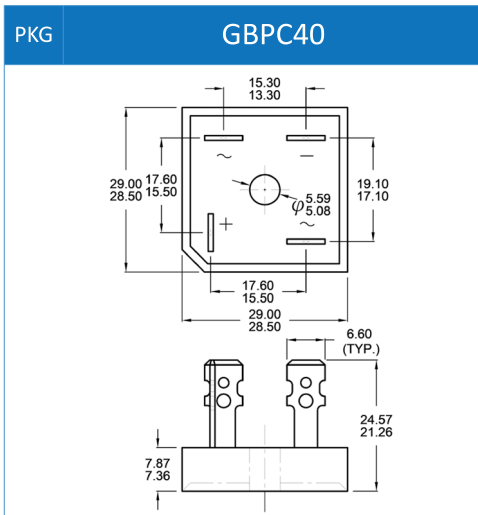
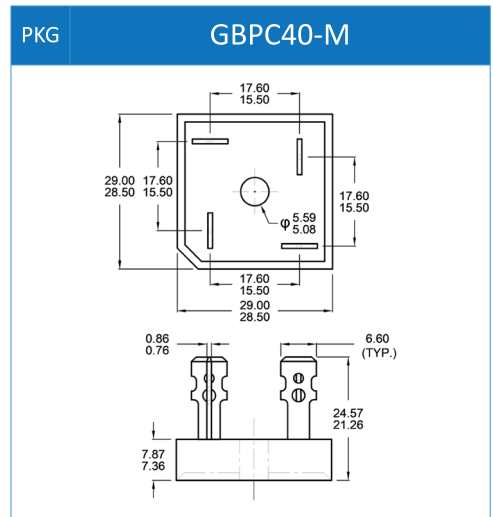
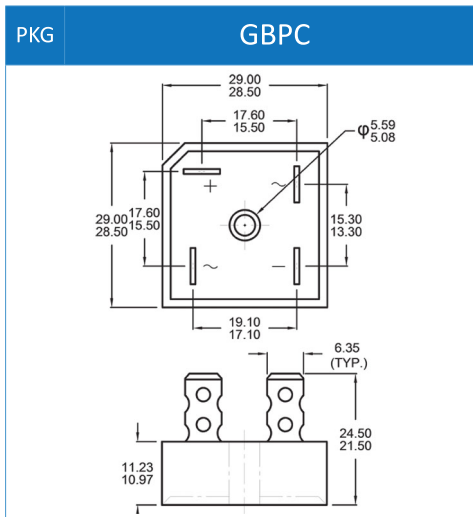
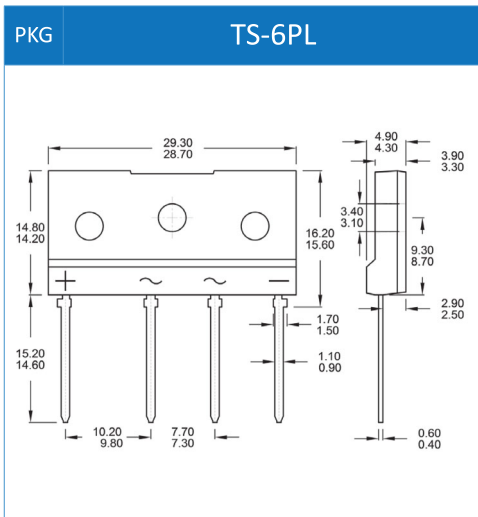
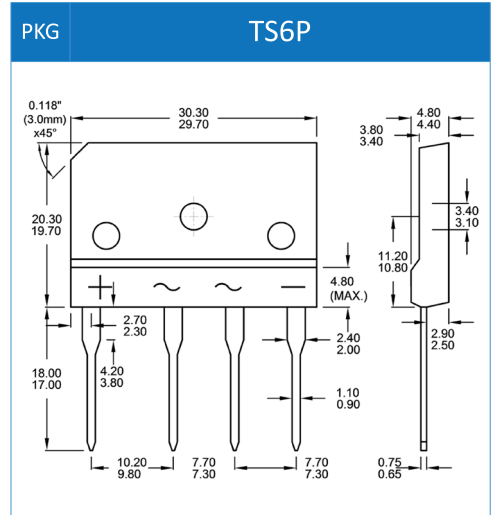
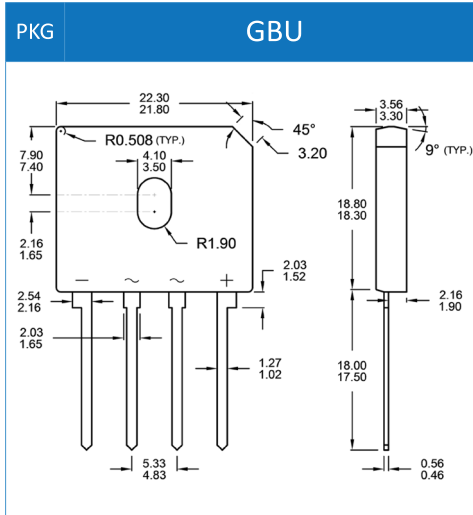
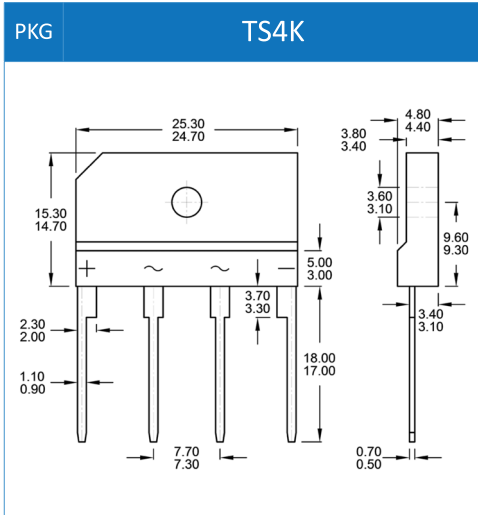
Unit: millimeter

OUTLINE DRAWINGS - RECTIFIER



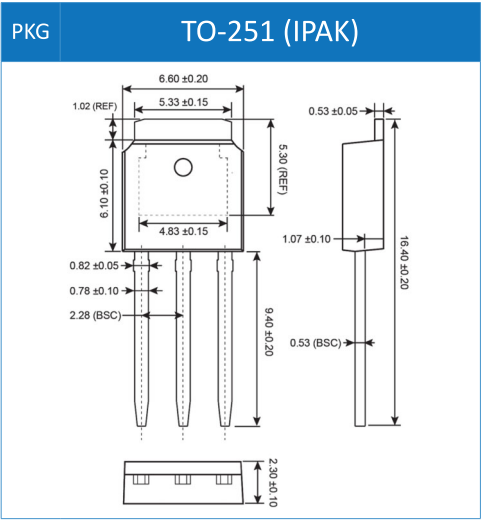
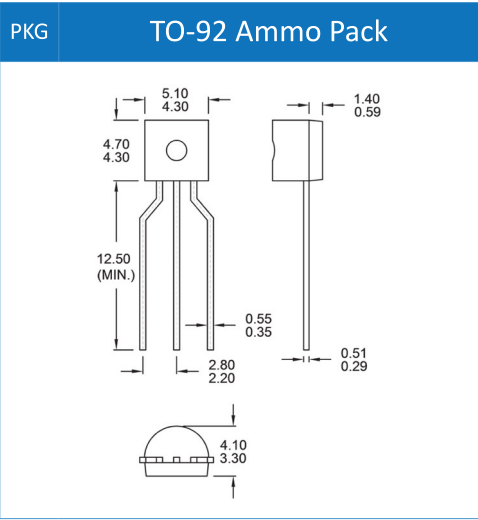
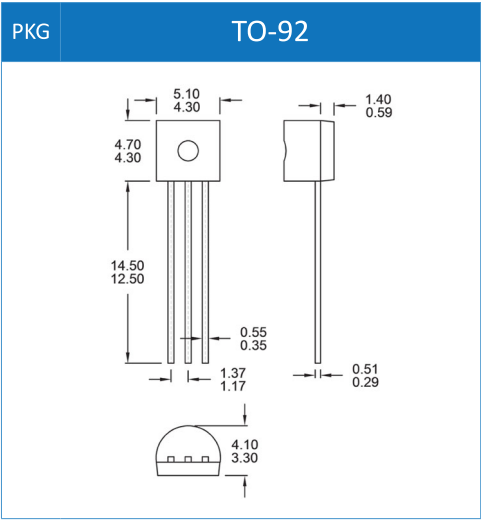
Unit: millimeter

OUTLINE DRAWINGS - RECTIFIER



Unit: millimeter

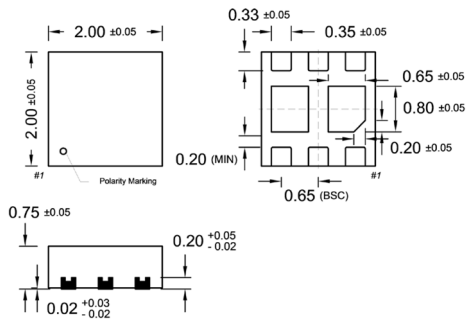
OUTLINE DRAWINGS - TRANSISTOR



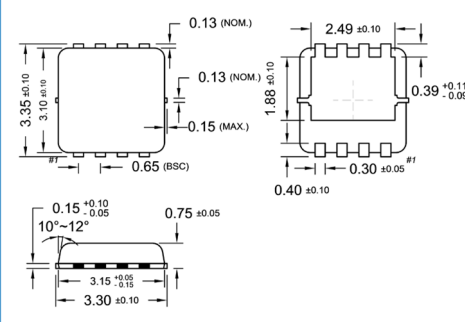
Unit: millimeter

OUTLINE DRAWINGS - MOSFET

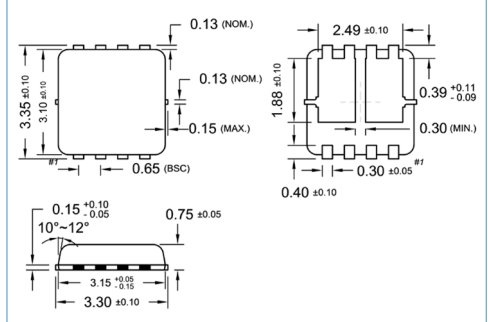
PKG TDFN2x2



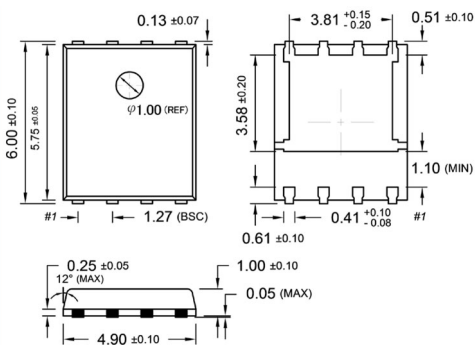
PKG PDFN33



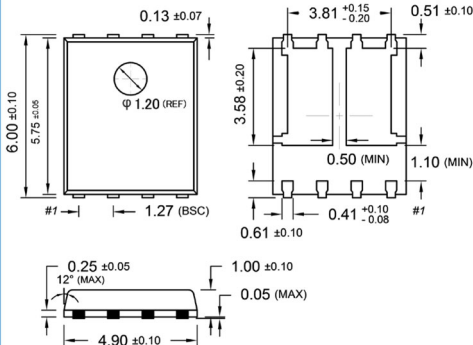
PKG PDFN33 Dual



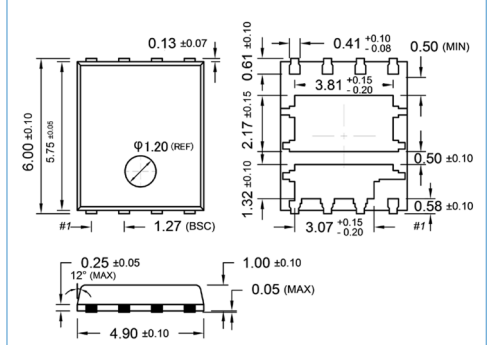
PKG PDFN56



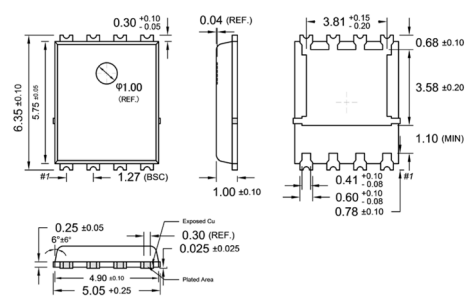
PKG PDFN56 Dual



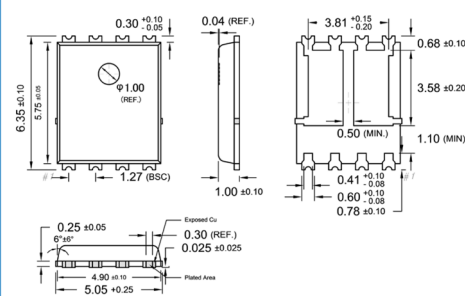
PKG PDFN56 Aysm



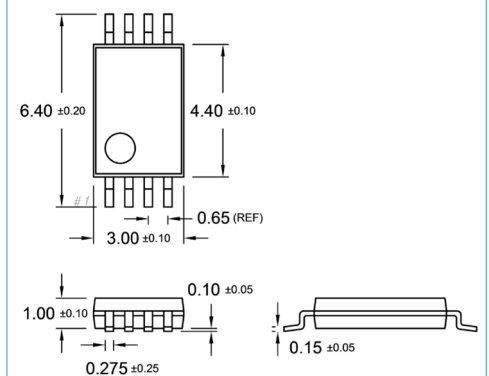
PKG PDFN56U



PKG PDFN56U Dual



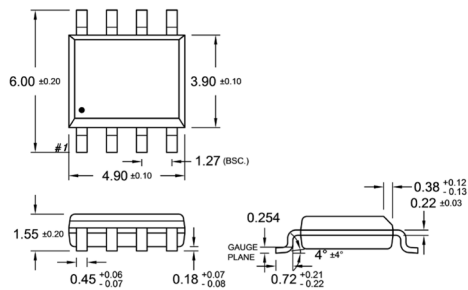
PKG TSSOP-8



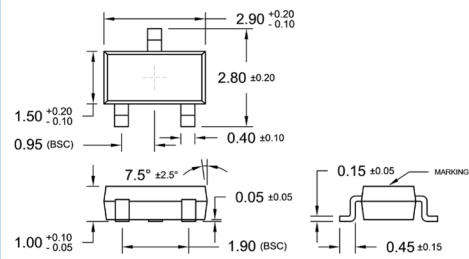
Unit: millimeter

OUTLINE DRAWINGS - MOSFET

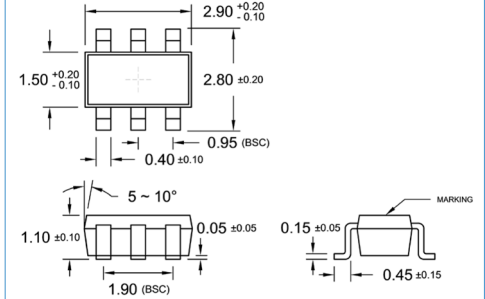
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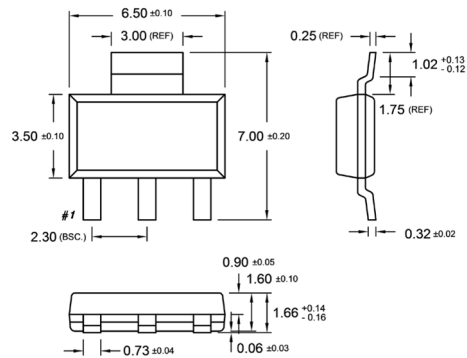
PKG SOT-23



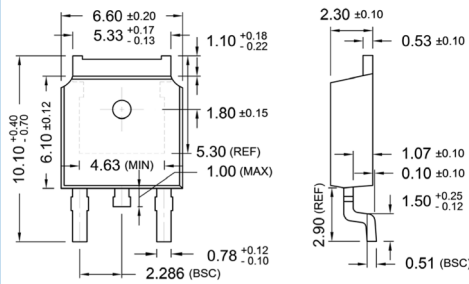
PKG SOT-26



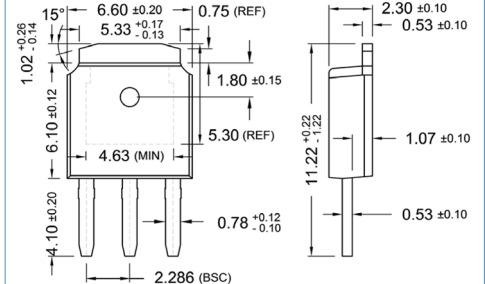
PKG SOT-223



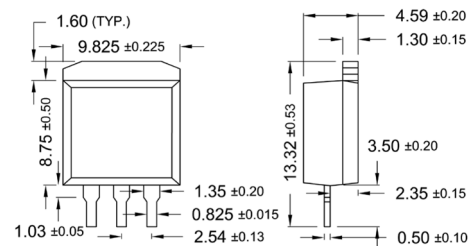
PKG	TO-252 (DPAK)
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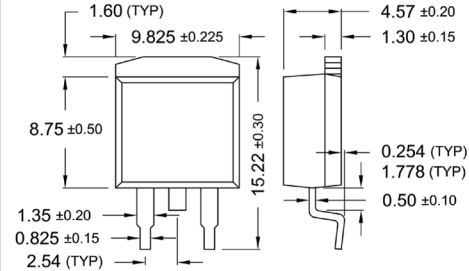
PKG TO-251S (IPAK SL)



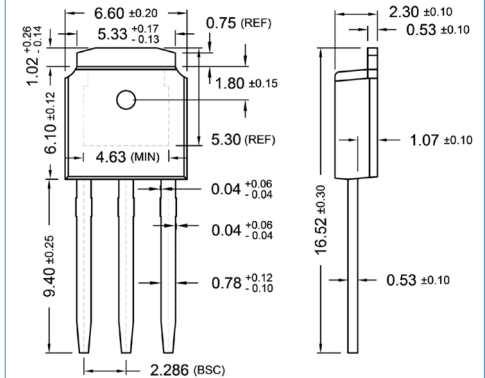
PKG TO-262S (I²PAK SL)



PKG TO-263 (D²PAK)

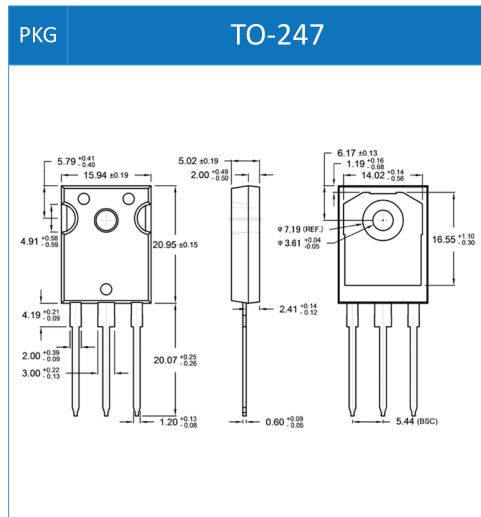
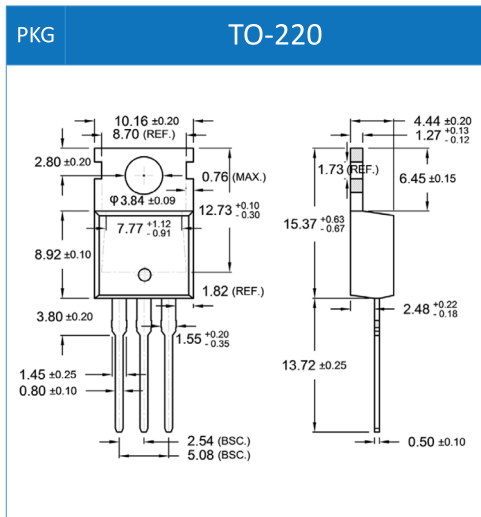
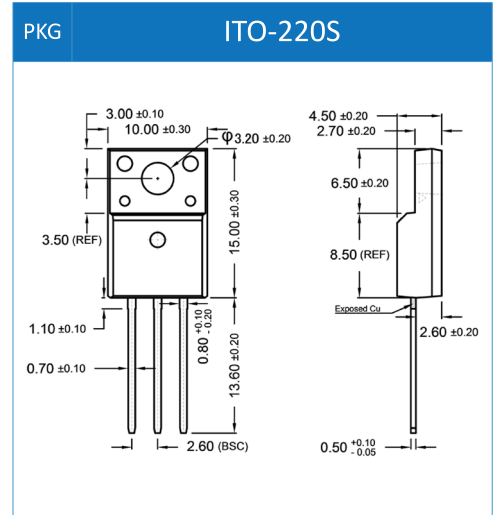
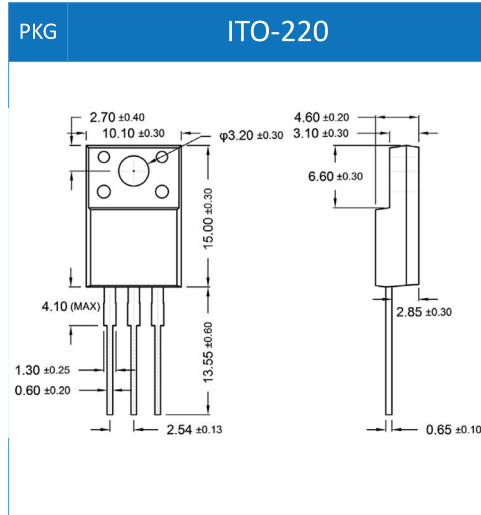
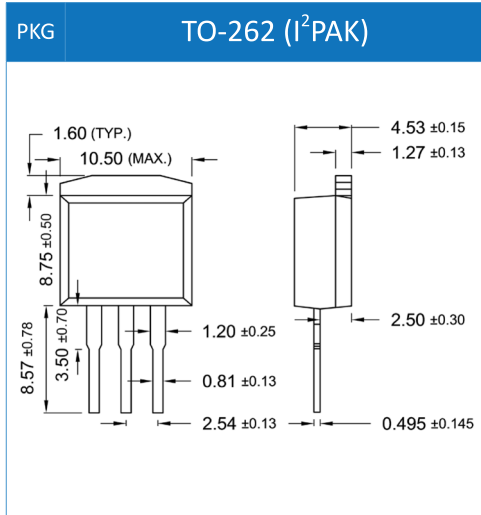


PKG TO-251 (IPAK)



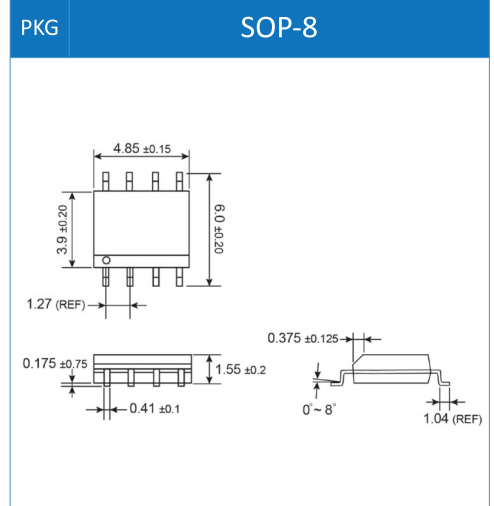
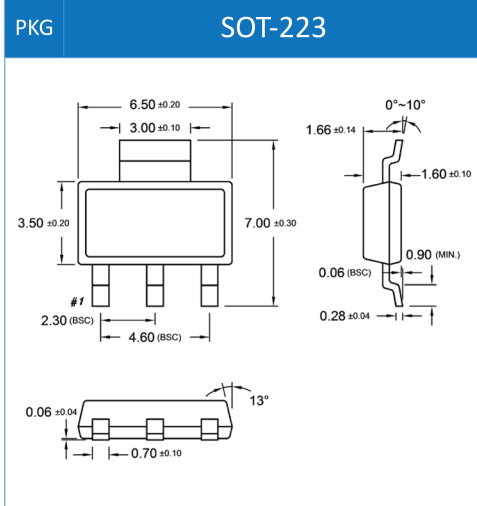
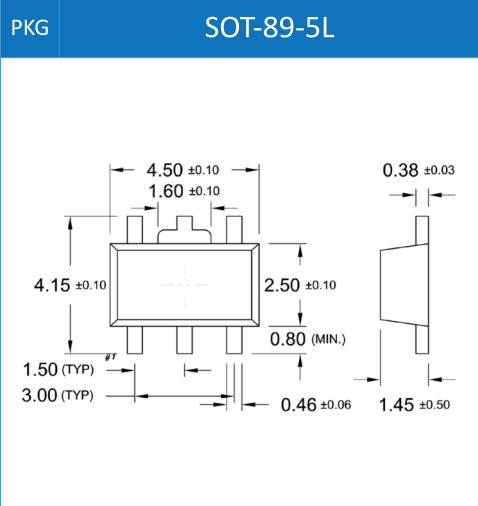
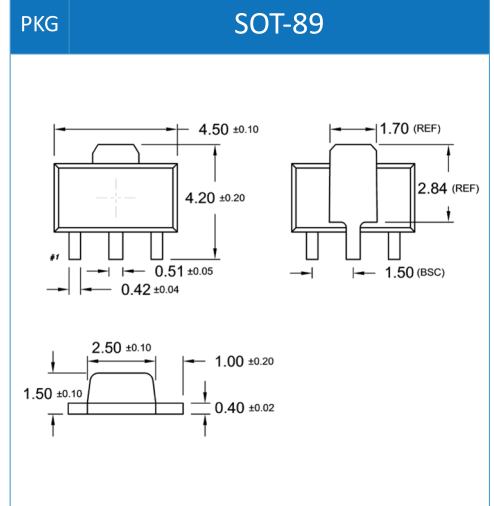
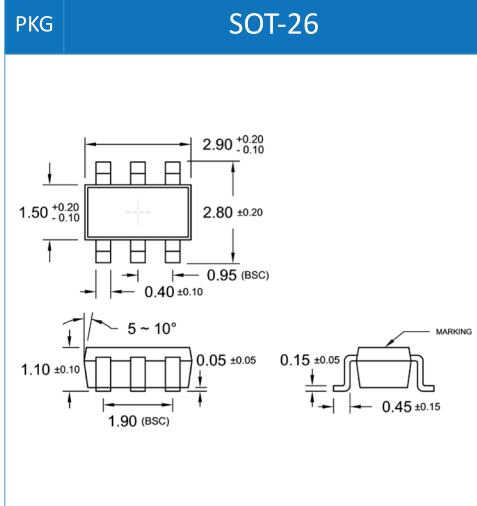
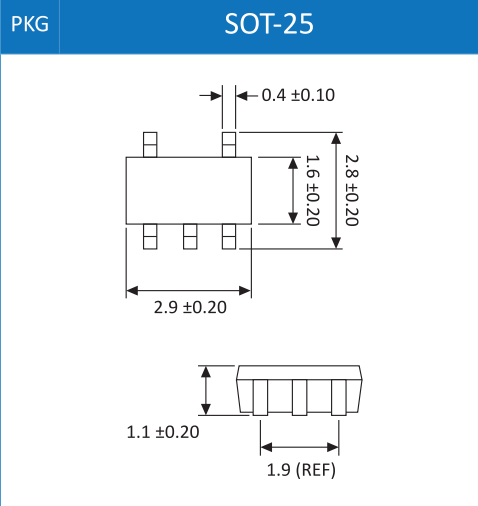
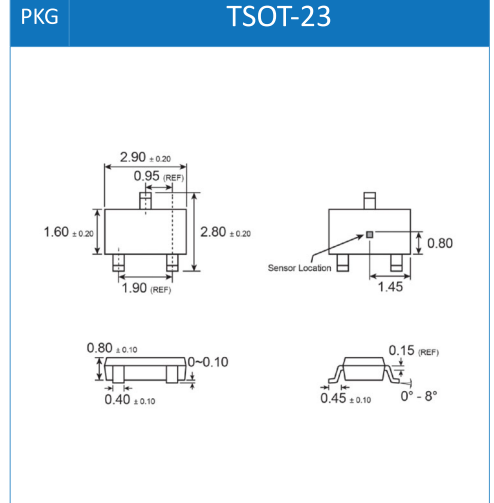
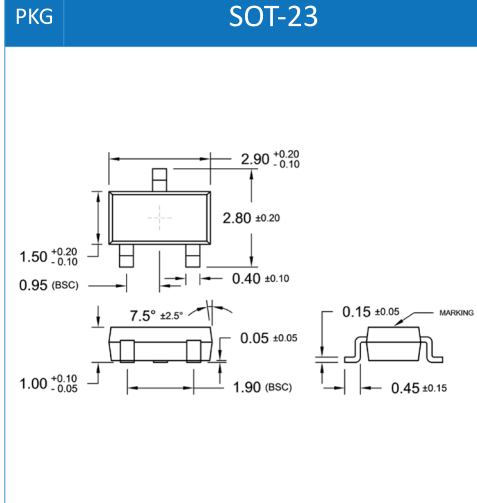
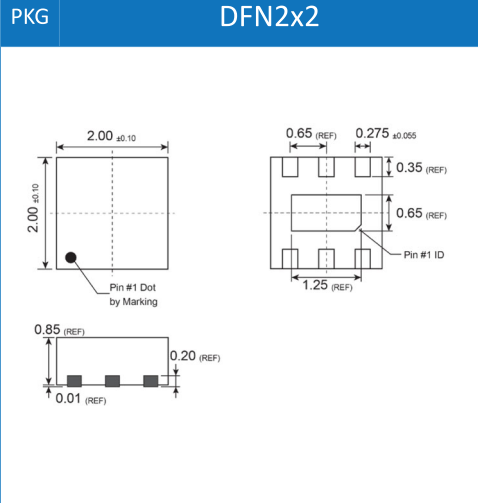
Unit: millimeter

OUTLINE DRAWINGS - MOSFET



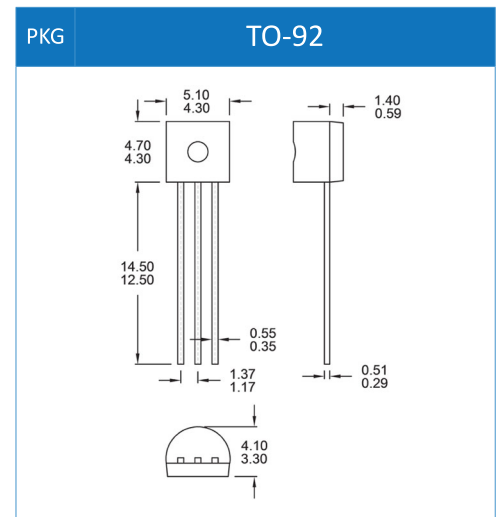
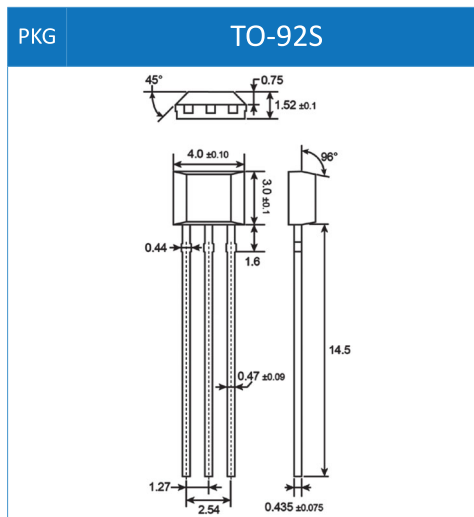
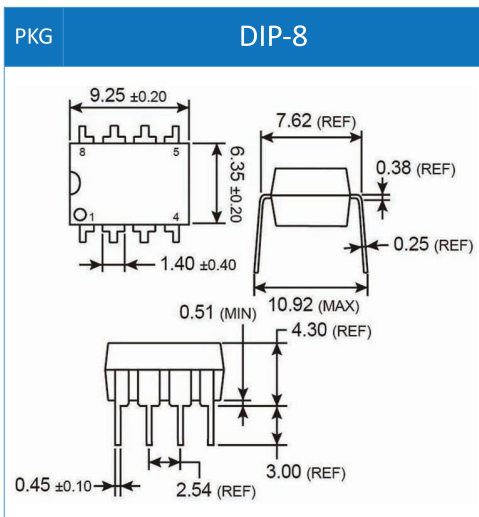
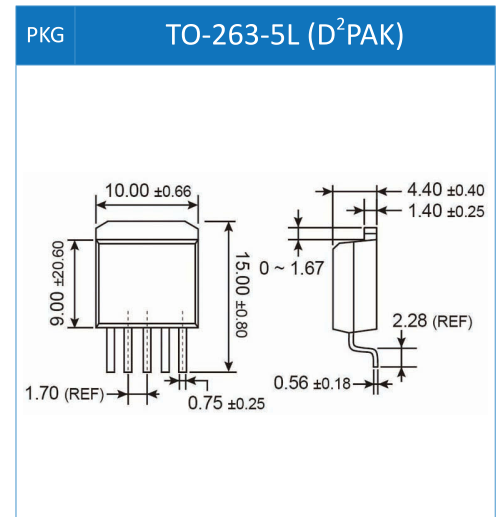
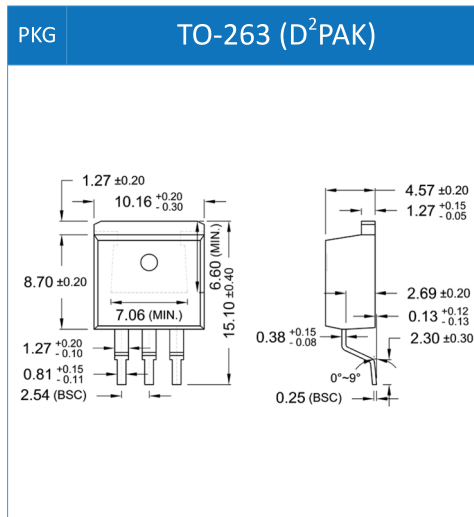
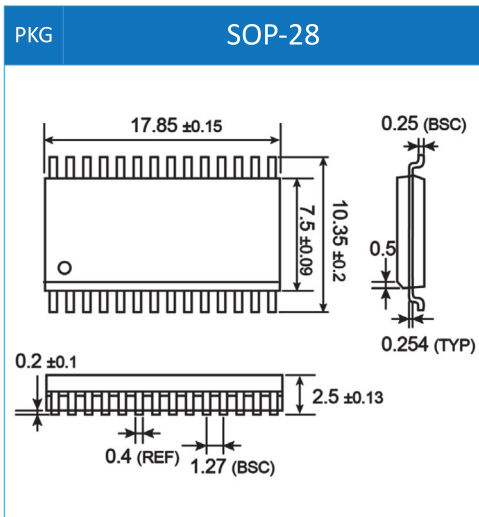
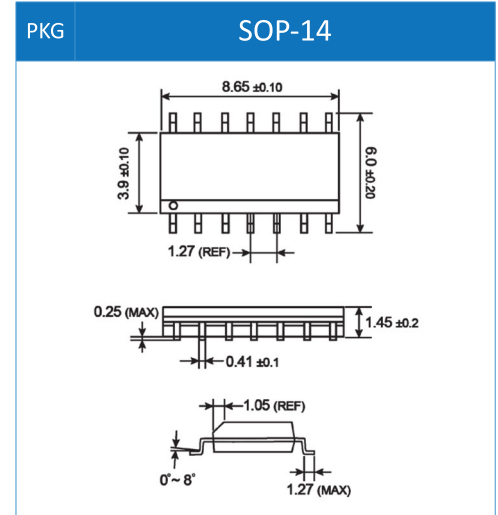
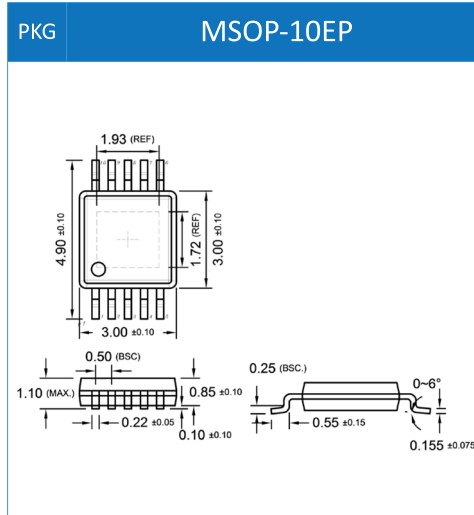
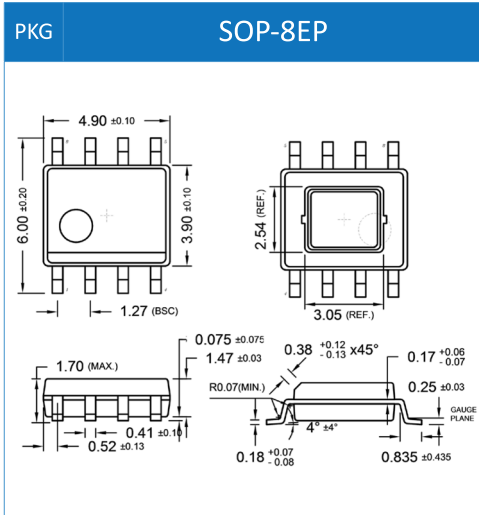
Unit: millimeter

OUTLINE DRAWINGS - IC

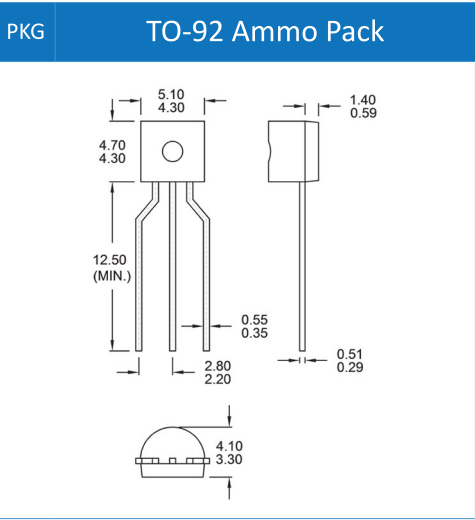


Unit: millimeter

OUTLINE DRAWINGS - IC



Unit: millimeter



Unit: millimeter

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