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New Packages

Feature	Outline	TO-277
1.RoHS Compliant 2.“Green” Molding Compound 3.Pb-Free, 100% Matte Tin Plating 4.Withstands 260°C Solder Reflow 5.Meet Moisture Sensitivity Level (MSL) 1 Ideal for automated placement 6.Low profile height of 1.		
Feature	Outline	SOD-123S
1.RoHS Compliant 2.“Green” Molding Compound 3.Pb-Free, 100% Matte Tin Plating 4.Withstands 260°C Solder Reflow 5.Meet Moisture Sensitivity Level (MSL) 1 Ideal for automated placement 6.Low profile height of 1.4mm	Dimensions in inches and (millimeters)	
Feature	Outline	SOD-123ST
1.RoHS Compliant 2.“Green” Molding Compound 3.Pb-Free, 100% Matte Tin Plating 4.Withstands 260°C Solder Reflow 5.Meet Moisture Sensitivity Level (MSL) 1 Ideal for automated placement 6.Low profile height of 1.4mm	Dimensions in inches and (millimeters)	
Feature	Outline	SMAS
1.RoHS Compliant 2.“Green” Molding Compound 3.Pb-Free, 100% Matte Tin Plating 4.Withstands 260°C Solder Reflow 5.Meet Moisture Sensitivity Level (MSL) 1 Ideal for automated placement 6.Low profile height of 1.6mm	Dimensions in inches and (millimeters)	

MOS Rectifiers

■ Features

- * ESD>16KV(40~65V) ,ESD >10KV(100V~200V)
- * Lead-free parts meet environmental standards of MIL-STD-19500 /228
- * Suffix "G" indicates Halogen free part, ex. 100 G.
- * Excellent high temperature stability.
- * Fast switching capability.
- * Low forward voltage drop.
- * High forward current rating (IFSM)



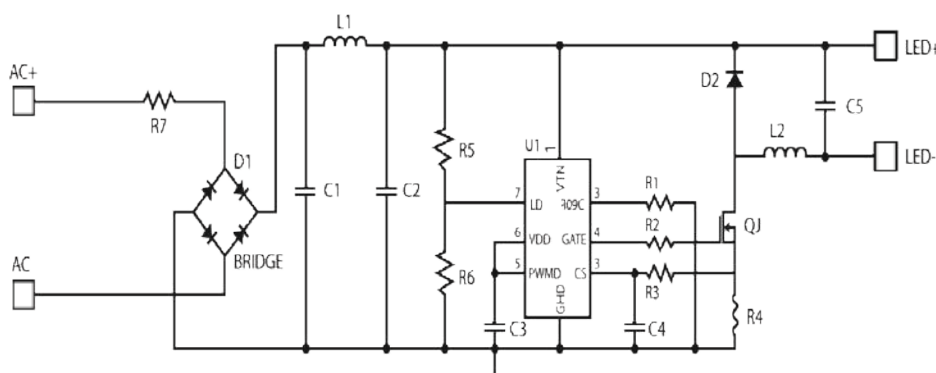
Application

AC-DC PowerSupplies

DC-DC Converter

DC-AC Inverter

Solar Power



Part Number	IO(A)	VR(V)	VF(Max)			IR(Max)			IFSM(A)	Package
			Typ(mV)	Max(mV)	IFM(A)	Typ(mA)	Max(mA)	VR(V)		
KS2060CT	20	60		700	10A @ 25°C		0.5	60V @ 25°C	150	TO-220AB ITO-220AB
			490	650	10A @125°C		100	60V @125°C		
KSP1045SG	10	45	490	550	10A @ 25°C	0.03	0.45	45V @ 25°C	180	TO-277
			470	530	10A @125°C	17	100	45V @150°C		
KSP8S60SG	8	60	460	530	8A @ 25°C	0.12	0.6	60V @ 25°C	280	TO-277
				500	8A @125°C		100	60V @125°C		
KSP10S45SG	10	45	400	420	8A @ 25°C	0.051	0.3	45V @ 25°C	275	TO-277
			420	470	10A @ 25°C	5	15	45V @100°C		
			370	410	10A @125°C	27	75	45V @150°C		
KSP10S100SG	10	100		700	10A @ 25°C		0.5	100V @ 25°C	200	TO-277
			570	630	10A @125°C		25	100V @125°C		
KSP12S120SG	12	120		800	12A @ 25°C		0.25	120V @ 25°C	250	TO-277
			630	680	12A @125°C	2	35	120V @125°C		
KSRS1045	10	45		420	8A @ 25°C	0.051	0.3	45V @ 25°C	200	DO-27
			420	470	10A @ 25°C		15	45V @100°C		
			370	410	10A @125°C	27	75	45V @150°C		

Part Number	IO(A)	VR(V)	VF(Max)			IR(Max)			IFSM(A)	Package
			Typ(mV)	Max(mV)	IFM(A)	Typ(mA)	Max(mA)	VR(V)		
KS20L100CT	20	100	710	750	10A @ 25°C	0.015	0.1	100V @ 25°C	250	TO-220AB ITO-220AB
			600	640	10A @125°C			100V @125°C		
KS20L120CT	20	120	750	790	10A @ 25°C	0.025	0.1	120V @ 25°C	180	TO-220AB ITO-220AB
			620	650	10A @125°C			120V @125°C		
KS20L200CT	20	200		860	10A @ 25°C		0.1	200V @ 25°C	180	TO-220AB ITO-220AB
			660	720	10A @125°C			200V @125°C		
KS30L40CT	30	40	450	500	15A @ 25°C	0.06	0.5	40V @ 25°C	250	TO-220AB ITO-220AB
			420	450	15A @125°C			40V @125°C		
KS30L45CT	30	45	450	500	15A @ 25°C	0.06	0.5	40V @ 25°C	250	TO-220AB ITO-220AB
			420	450	15A @125°C			40V @125°C		
KS30L50CT	30	50		550	15A @ 25°C		0.5	50V @ 25°C	260	TO-220AB ITO-220AB
				500	15A @125°C			50V @125°C		
KS30L60CT	30	60	510	600	15A @ 25°C	0.08	0.5	60V @ 25°C	250	TO-220AB ITO-220AB
			530	550	15A @125°C			60V @125°C		
KS30L120CT	30	120	780	830	15A @ 25°C	0.022	0.1	120V @ 25°C	250	TO-220AB ITO-220AB
			650	680	15A @125°C			120V @125°C		
KS20S40CT	20	40		470	10A @ 25°C		0.5	40V @ 25°C	200	TO-220AB ITO-220AB
			410	440	10A @125°C			40V @125°C		
KS20S60CT	20	60		570	10A @ 25°C		0.5	40V @ 25°C	200	TO-220AB ITO-220AB
			450	470	10A @125°C			40V @125°C		
KS40S45CT	40	445	470	520	20A @ 25°C	0.2	0.6	45V @ 25°C	280	TO-220AB ITO-220AB
				490	20A @125°C			45V @125°C		
KS40S60CT	40	60	550	600	20A @ 25°C	0.07	0.5	60V @ 25°C	280	TO-220AB ITO-220AB
			540	570	20A @125°C			60V @125°C		
KS40S100CT	40	100	670	720	20A @ 25°C		0.5	100V @ 25°C	235	TO-220AB ITO-220AB
			600	640	20A @125°C			100V @125°C		
KS40S120CT	40	120		860	20A @ 25°C		0.5	120V @ 25°C	300	TO-220AB ITO-220AB
				710	20A @125°C			120V @125°C		

The Items will be coming soon.

KSP5S45S、KSP5S60S、KS10100CT、KS20100CT、KS10L40CT、KS10L60CT、KS10L100CT、KS10L120CT
KS10L150CT、KS10L200CT、KS20L40CT、KS20L60C、KS20L150CT、KS30L100CT

Schottky Diodes

Features

- *ESD>16KV(40~65V) ,ESD >10KV(100V~200V)
- *Lead-free parts meet environmental standards of MIL-STD-19500 /228
- *Suffix "G" indicates Halogen-free part, ex. 100 G.
- *Excellent high temperature stability.
- *Fast switching capability.
- *Low forward voltage drop.
- * High forward current rating (IFSM)



Application

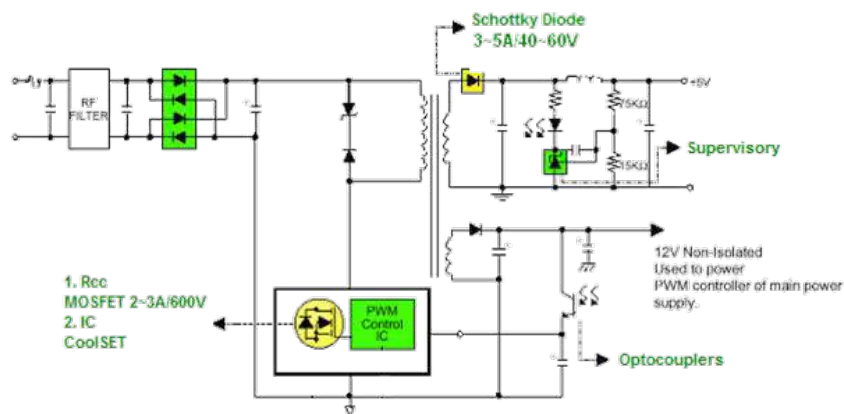
Communications

Computer

Power

Consumer

Other



Item	IO(A)	VR(V)	VF(Max) @ 25C		IR(Max) @ 25C		Package
			VFM(V)	IFM(A)	IR(uA)	VR(V)	
Small Signal	0.03~3.0	20~100	0.25~1.0	0.01~3.0	0.1~500	1.5~100	SOD-123/ SOD-323 / SOD-523 SOD-23 / SOT-323 / SOD-123S SOD-123ST
Low Power	1.0~5.0	20~200	0.45~0.9	1.0~5.0	500	20~200	DO-41 / DO-15 / DO-27S SMAS / SMA / SMB / SMC
High Power	10~30	40~60	0.55~0.7	5.0	500	40~60	TO-220AB / ITO-220AB
	10~30	100~200	0.81~0.9	5.0	100	100~200	TO-220AC / ITO-220AC TO-252 / TO-263
Low VF	0.5~3.0	20~40	0.38~0.4	0.5~3.0	1000	20~40	SOD-123S / SOD-123ST SMA / SMAS
Ultra Low VF	1.0~2.0	20~40	0.37	1.0~2.0	1000	20~40	SMA / SMAS
Super Low vf	1.0	20~40	0.33	1.0	1000	20~40	SMA / SMAS / SMB / SMC
Low VF/IR	1.0~3.0	20~200	0.4~0.85	1.0~3.0	500	20~200	SMA / SMAS / SMB / SMC
Ultra Low VF/IR	1.0~2.0	20~40	0.35~0.5	1.0~2.0	500	20~60	SMA / SMAS / SMB / SMC

Bridges

Features

- *Recommended for non-automatic applications.
- *Ideal for & save space on printed circuit board.
- *Reliable low cost construction utilizing molded plastic
- *Technology results in inexpensive product.
- *Glass passivated chip junctions.
- *Lead-free parts meet RoHS requirments.



IO(A)	VR(V)	VF(Max) @ 25C		IR(Max) @ 25C		I _{FSM} A	Package
		VFM(V)	IFM(A)	IR(uA)	VR(V)		
0.8	50~1000	1.10	0.8	5.0	50~1000	40	MDS
1.0	200~1000	0.95	1.0	10.0	200~1000	30	ABS
1.0	50~1000	1.05	1.0	10.0	50~1000	30	DBS / DF / DFS
1.0	50~1000	1.10	1.0	5.0	50~1000	30	MDS
1.5	50~1000	1.10	1.5	10.0	50~1000	30	DF / DFS
2.0	50~1000	1.10	2.0	10.0	50~1000	60	DF / DFS / KBP
3.0	50~1000	1.05	3.0	10.0	50~1000	90	D3K
4.0	50~1000	1.10	4.0	10.0	50~1000	150	KBU / D3K
4.0	50~1000	1.05	4.0	10.0	50~1000	150	GBU
4.0	50~1000	1.10	4.0	10.0	50~1000	125	GBL
6.0	50~1000	1.05	6.0	10.0	50~1000	175	GBU / GBJ
8.0	50~1000	1.10	8.0	10.0	50~1000	200	GBU / GBJ
10.0	50~1000	1.10	10.0	10.0	50~1000	200	GBU / GBJ
10.0	50~1000	1.10	10.0	10.0	50~1000	170	GBJ
15.0	50~1000	1.10	15.0	10.0	50~1000	220	GBJ
25.0	50~1000	1.10	25.0	10.0	50~1000	350	GBJ

Rectifiers

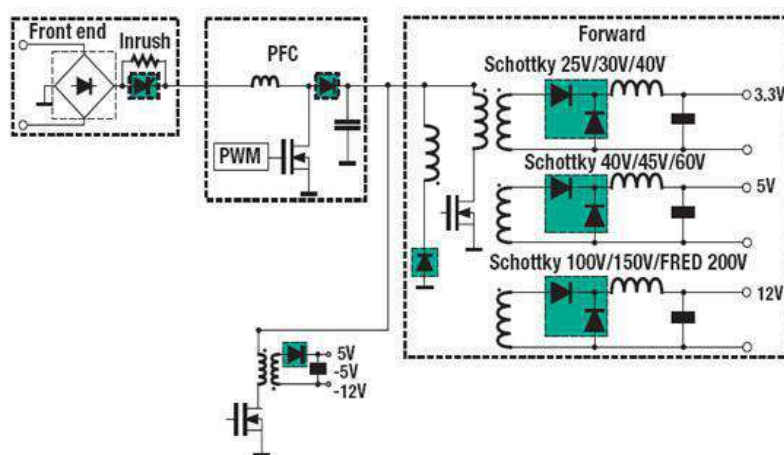
Features

- *Low profile surface mounted application in order to optimize board space.
- *High current capability.
- *High surge capability.
- *Glass passivated chip junction inside.
- *Lead-free parts meet environmental standards of MIL-STD-19500 /228



Applications

AC-DC Converter
Power Supply
Open Frame
Adaptor
Charger



Item	IO(A)	VR(V)	VF(Max) @ 25C		IR(Max) @ 25C		Trr ns	IFSM A	Package
			VFM(V)	IFM(A)	IR(uA)	VR(V)			
Standard	1.0~5.0	50~1000	1.1~1.2	1.0~5.0	5.0	50~1000		30~125	SOD-123S / SOT-123ST DO-41 / DO-15 / DO-27 SMA / SMB / SMC
Fast	1.0~6.0	50~1000	1.3	1.0~6.0	5.0	50~1000	150	30~125	SOD-123S / SOT-123ST DO-41 / DO-15 / DO-27 SMA / SMB / SMC
Ultra Fast	1.0~20	50~1000	1.0	1.0~10	5.0	50~1000	50	30~150	SOD-123S/SOD-123ST SMA / SMB / SMC / TO-252 DO-41 / DO-15 / DO-27 TO-220AC / ITO-220AC TO-220AB / ITO-220AB
Super Fast	1.0~20	50~600	0.95~1.7	1.0~10	5.0	50~600	35~50	30~150	SOD-123S/SOD-123ST SMA / SMB / SMC / TO-252 DO-41 / DO-15 / DO-27 TO-220AC / ITO-220AC TO-220AB / ITO-220AB

TVS

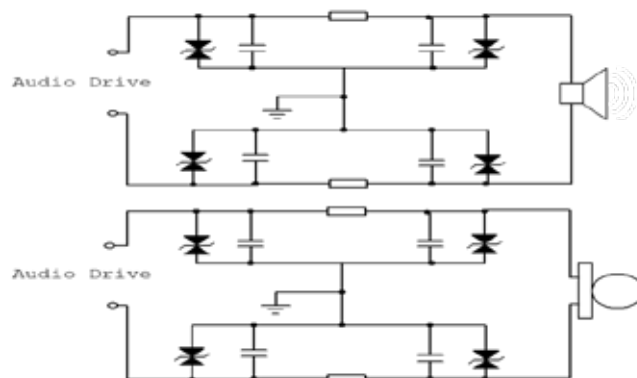
Features

- *ESD>16KV(40~65V) ,ESD >10KV(100V~200V)
- *Lead-free parts meet environmental standards of MIL-STD-19500 /228
- *Suffix "G" indicates Halogen-free part, ex. 100 G.
- *Excellent high temperature stability.
- *Fast switching capability.
- *Low forward voltage drop.
- * High forward current rating (IFSM)



Applications

Communications
Computer
Power
Consumer
Other

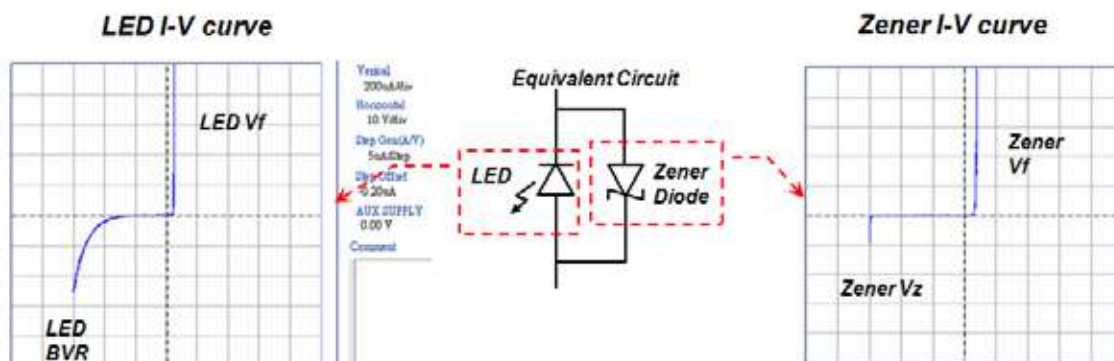
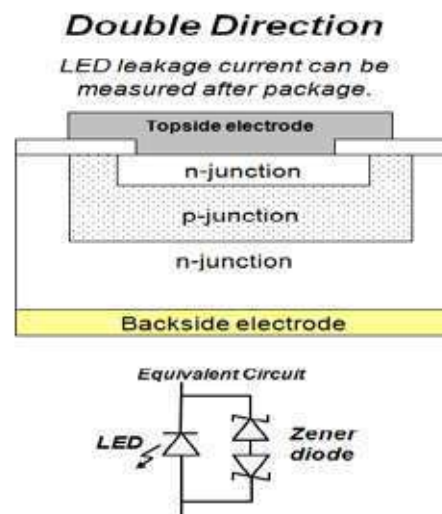
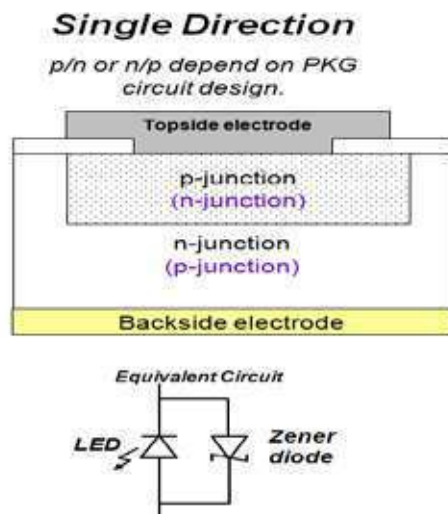


Power	Part No.	Reverse Stand-off Voltage	Breakdown Voltage		Test Current	Forward Surge	Maximum Clamping Voltage @IPP		Maximum Leakage Current I @V R RWM
		V _{RWM} (V)	Min (V)	Max (V)	IT (ma)	IFSM (A)	VC (V)	IPP(A)	
400W	P4KE	5.8~513	6.46~570	7.14~630	1~10	40	10.5~828	0.48~38.1	5~2000
	SMAJ	5~440	6.4~492	7~543	1~10	40	9.2~713	0.56~43.48	5~800
	P4SMA	5.8~513	6.46~570	7.14~630	1~10	40	10.5~828	0.48~38.1	5~1000
500W	SA	5~190	6.4~211	7~232	1~10	70	9.2~307.8	1.62~54.35	5~600
600W	P6KE	5.8~513	6.46~570	7.14~630	1~10	100	10.5~828	0.72~57.14	5~2000
	P6SMB	5.8~513	6.45~570	7.14~630	1~10	100	10.5~828	0.72~57.14	5~1000
	SMBJ	5~440	6.4~492	7~543	1~10	100	9.2~713	0.84~65.22	5~800
1.5KW	1.5KE	5.8~513	6.46~570	7.14~630	1~10	200	10.5~828	1.81~142.86	5~2000
	1.5SMV	5.8~513	6.46~570	7.14~630	1~10	200	10.5~828	1.81~142.86	5~1000
	SMCJ	5~440	6.4~492	7~543	1~10	200	9.2~713	2.1~163.04	5~1000
3.0KW	3KP	5~190	6.4~211	7~232	5~50	300	9.2~307.8	9.75~326.09	5~1000
	3.0SMCJ	5~440	6.4~492	7~543	1~10	300	9.2~713	4.21~326.09	5~1000
5.0KW	5KP	5~190	6.4~211	7~233	5~10	500	9.2~307.8	16.24~543.48	5~800
	5.0SMCJ	11~440	12.2~492	13.5~543	1	300	18.2~713	4.21~277.47	5~800

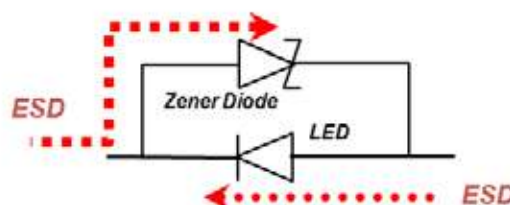
Zener Chips For LED ESD Protection

Application:

1. Paralleled the LED
2. Unity pad metal (for single wire bonding only)
3. One-way Zener diode protection



The anti-ESD ability of LED at reverse direction is much weaker than forward direction. Zener provide an ESD bypass channel to protect LED.



P on N Single Direction Zener(6mil/9mil)

- (a)BVR= 7V~10V @5mA
- (b)BVR=11V~15V @10mA
- (c)BVR=20V~40V @0.5mA(coming soon)
- (d)BVR= 45V~65V @0.5mA(coming soon)
- (e)BVR=65V~95V @0.5mA(coming soon)

N on P Single Direction Zener(6mil/9mil)

- (a)BVR=7V~10V @5mA

NPN Double Direction Zener(6mil/9mil)

- (a)BVR(Forward/Reverse)=5V~7V@5mA

Small Signal Schottky Barrier Diodes($I_o < 0.5A$)

Package(mm)	VR (V)			
	30	40		
SOD-923	WSD521D WSD520D	WSD751D		
SOD-723	WSD521G (RB521G-30) WSD520G (RB520G-30)	WSD751G (RB751G-40)		
SOD-523	WSD521S (RB521S-30) WSD520S (RB520S-30)	WSD520S-40 (RB520S-40) WSD751S (RB751S-40)		
SOD-323		WSD751H (RB751V-40) WSD501H (RB501V-40) WSD500H (RB500V-40)		
SOT-523		WSD715W (RB715W)		
SOT-323		WSD715F (RB715F) WSD717F (RB717F) WSD706F (RB706F-40) WSD451F (RB451F) WSD450F (RB450F)		
SOT-23		WSD495 (RB495D) WSD705 (RB705D) WSD425 (RB425D) WSD706 (RB706D-40) WSD421 (RB421D) WSD420 (RB420D)		

Middle Power Schottky Barrier Diodes($I_o \geq 0.5A$)

Package(mm)	VR (V)			
	20	30	40	60
SOD-323		WSD551H (RB551V-30)	MSCD304 (3A)	
SOD-123	B120W (RB161M-20)		B140W-ST (RB160M-40) B240W-ST (1A) B340W-ST (3A)	B160W (RB160M-60)
SMA	SK12A (RB161L-40) SK32A (RB051L-40)		SK14A (RB160L-40) SK24A (RB060L-40) SK34A (RB050L-40)	SK16A (RB160L-60)
SOT-323	WSD461F (RB461F)			

Switching Diodes

Package(mm)	VRM (V)			
	20	40	80	90
SOD-723				1SS400G
SOD-523			1SS400 1SS387 (85V) BAS516 (75V)	
SOD-323		1SS380		1SS355
SOD-123				CDSNC4148 (100V)
SOT-523			WAN222T (DAN222) WAP222T (DAP222)	
SOT-323	WA204U (DA204U)		WAN202U (DAN202U) WAP202U (DAP202U) WAN217U (DAN217U) WA228U (DA228U)	
SOT-23	WA204K (DA204K)		WAN202K (DAN202K) WAP202K (DAP202K) WAN217 (DAN217) WA228K (DA228K)	

SMD ZENER DIODE

ZMM55B	ZMM55C	LL52B	BZM55C	BZM55B	DL47 Series
500mW $\pm$ 2% Mini Melf	500mW $\pm$ 5% Mini Melf	500mW $\pm$ 5% Mini Melf	500mW $\pm$ 5% Micro Melf	500mW $\pm$ 2% Micro Melf	1W $\pm$ 5% Melf
ZMM55B2V0	ZMM55C2V0	LL5221B (2.4)	BZM55C2V0	BZM55B2V4	DL4728A (3.3)
ZMM55B2V4	ZMM55C2V4	LL5222B (2.5)	BZM55C2V4	BZM55B2V7	DL4729A (3.6)
ZMM55B2V7	ZMM55C2V7	LL5223B (2.7)	BZM55C2V7	BZM55B3V0	DL4730A (3.9)
ZMM55B3V0	ZMM55C3V0	LL5224B (2.8)	BZM55C3V0	BZM55B3V3	DL4731A (4.3)
ZMM55B3V3	ZMM55C3V3	LL5225B (3.0)	BZM55C3V3	BZM55B3V6	DL4732A (4.7)
ZMM55B3V6	ZMM55C3V6	LL5226B (3.3)	BZM55C3V6	BZM55B3V9	DL4733A (5.1)
ZMM55B3V9	ZMM55C3V9	LL5227B (3.6)	BZM55C3V9	BZM55B4V3	DL4734A (5.6)
ZMM55B4V3	ZMM55C4V3	LL5228B (3.9)	BZM55C4V3	BZM55B4V7	DL4735A (6.2)
ZMM55B4V7	ZMM55C4V7	LL5229B (4.3)	BZM55C4V7	BZM55B5V1	DL4736A (6.8)
ZMM55B5V1	ZMM55C5V1	LL5230B (4.7)	BZM55C5V1	BZM55B5V6	DL4737A (7.5)
ZMM55B5V6	ZMM55C5V6	LL5231B (5.1)	BZM55C5V6	BZM55B6V2	DL4738A (8.2)
ZMM55B6V2	ZMM55C6V2	LL5232B (5.6)	BZM55C6V2	BZM55B6V8	DL4739A (9.1)
ZMM55B6V8	ZMM55C6V8	LL5233B (6.0)	BZM55C6V8	BZM55B7V5	DL4740A (10)
ZMM55B7V5	ZMM55C7V5	LL5234B (6.2)	BZM55C7V5	BZM55B8V2	DL4741A (11)
ZMM55B8V2	ZMM55C8V2	LL5235B (6.8)	BZM55C8V2	BZM55B9V1	DL4742A (12)
ZMM55B9V1	ZMM55C9V1	LL5236B (7.5)	BZM55C9V1	BZM55B10	DL4743A (13)
ZMM55B10	ZMM55C10	LL5237B (8.2)	BZM55C10	BZM55B11	DL4744A (15)
ZMM55B11	ZMM55C11	LL5238B (8.7)	BZM55C11	BZM55B12	DL4745A (16)
ZMM55B12	ZMM55C12	LL5239B (9.1)	BZM55C12	BZM55B13	DL4746A (18)
ZMM55B13	ZMM55C13	LL5240B (10)	BZM55C13	BZM55B15	DL4747A (20)
ZMM55B15	ZMM55C15	LL5241B (11)	BZM55C15	BZM55B16	DL4748A (22)
ZMM55B16	ZMM55C16	LL5242B (12)	BZM55C16	BZM55B18	DL4749A (24)
ZMM55B18	ZMM55C18	LL5243B (13)	BZM55C18	BZM55B20	DL4750A (27)
ZMM55B20	ZMM55C20	LL5244B (14)	BZM55C20	BZM55B22	DL4751A (30)
ZMM55B22	ZMM55C22	LL5245B (15)	BZM55C22	BZM55B24	DL4752A (33)
ZMM55B24	ZMM55C24	LL5246B (16)	BZM55C24	BZM55B27	DL4753A (36)
ZMM55B27	ZMM55C27	LL5247B (17)	BZM55C27	BZM55B30	DL4754A (39)
ZMM55B30	ZMM55C30	LL5248B (18)	BZM55C30	BZM55B33	DL4755A (43)
ZMM55B33	ZMM55C33	LL5249B (19)	BZM55C33	BZM55B36	DL4756A (47)
ZMM55B36	ZMM55C36	LL5250B (20)	BZM55C36	BZM55B39	DL4757A (51)
ZMM55B39	ZMM55C39	LL5251B (22)	BZM55C39	BZM55B43	DL4758A (56)
ZMM55B43	ZMM55C43	LL5252B (24)	BZM55C43	BZM55B47	DL4759A (62)
ZMM55B47	ZMM55C47	LL5253B (25)	BZM55C47	BZM55B51	
ZMM55B51	ZMM55C51	LL5254B (27)	BZM55C51	BZM55B56	
ZMM55B56	ZMM55C56	LL5255B (28)	BZM55C56	BZM55B62	
ZMM55B62	ZMM55C62	LL5256B (30)	BZM55C62	BZM55B68	
ZMM55B68	ZMM55C68	LL5257B (33)	BZM55C68	BZM55B75	
ZMM55B75	ZMM55C75	LL5258B (36)	BZM55C75		
		LL5259B (39)			
		LL5260B (43)			
		LL5261B (47)			
		LL5262B (51)			
		LL5263B (56)			
		LL5264B (60)			
		LL5265B (62)			
		LL5266B (68)			
		LL5267B (75)			

SMD ZENER DIODE					
BZX84C	MMBZ5V6	BZT52C	MMSZ52	MM3Z	MM5Z
225mW ± 5% SOT-23	300mW ± 5% SOT-23	500mW ± 5% SOD-123	500mW ± 5% SOD-123	200mW ± 5% SOD-323	100mW ± 5% SOD-523
BZX84C2V4	MMBZ5V6A	BZT52C2V4	MMSZ5221B	MM3Z2V4	MM5Z2V4
BZX84C2V7	MMBZ6V2A	BZT52C2V7	MMSZ5222B	MM3Z2V7	MM5Z2V7
BZX84C3V0	MMBZ6V8A	BZT52C3V0	MMSZ5223B	MM3Z3V0	MM5Z3V0
BZX84C3V3	MMBZ9V1A	BZT52C3V3	MMSZ5224B	MM3Z3V3	MM5Z3V3
BZX84C3V6	MMBZ10VA	BZT52C3V6	MMSZ5225B	MM3Z3V6	MM5Z3V6
BZX84C3V9	MMBZ12VA	BZT52C3V9	MMSZ5226B	MM3Z3V9	MM5Z3V9
BZX84C4V3	MMBZ15VA	BZT52C4V3	MMSZ5227B	MM3Z4V3	MM5Z4V3
BZX84C4V7	MMBZ18VA	BZT52C4V7	MMSZ5228B	MM3Z4V7	MM5Z4V7
BZX84C5V1	MMBZ20VA	BZT52C5V1	MMSZ5229B	MM3Z5V1	MM5Z5V1
BZX84C5V6	MMBZ27VA	BZT52C5V6	MMSZ5230B	MM3Z5V6	MM5Z5V6
BZX84C6V2	MMBZ33VA	BZT52C6V2	MMSZ5231B	MM3Z6V2	MM5Z6V2
BZX84C6V8		BZT52C6V8	MMSZ5232B	MM3Z6V8	MM5Z6V8
BZX84C7V5		BZT52C7V5	MMSZ5233B	MM3Z7V5	MM5Z7V5
BZX84C8V2		BZT52C8V2	MMSZ5234B	MM3Z8V2	MM5Z8V2
BZX84C9V1		BZT52C9V1	MMSZ5235B	MM3Z9V1	MM5Z9V1
BZX84C10		BZT52C10	MMSZ5236B	MM3Z10V	MM5Z10V
BZX84C11		BZT52C11	MMSZ5237B	MM3Z11V	MM5Z11V
BZX84C12		BZT52C12	MMSZ5238B	MM3Z12V	MM5Z12V
BZX84C13		BZT52C13	MMSZ5239B	MM3Z13V	MM5Z13V
BZX84C15		BZT52C15	MMSZ5240B	MM3Z15V	MM5Z15V
BZX84C16		BZT52C16	MMSZ5241B	MM3Z16V	MM5Z16V
BZX84C18		BZT52C18	MMSZ5242B	MM3Z18V	MM5Z18V
BZX84C20		BZT52C20	MMSZ5243B	MM3Z20V	MM5Z20V
BZX84C22		BZT52C22	MMSZ5244B	MM3Z22V	MM5Z22V
BZX84C24		BZT52C24	MMSZ5245B	MM3Z24V	MM5Z24V
BZX84C27		BZT52C27	MMSZ5246B	MM3Z27V	MM5Z27V
BZX84C30		BZT52C30	MMSZ5247B	MM3Z30V	MM5Z30V
BZX84C33		BZT52C33	MMSZ5248B	MM3Z33V	MM5Z33V
BZX84C36		BZT52C36	MMSZ5250B	MM3Z36V	MM5Z36V
BZX84C39		BZT52C39	MMSZ5251B	MM3Z39V	MM5Z39V
BZX84C43		BZT52C43	MMSZ5252B	MM3Z43V	MM5Z43V
BZX84C47		BZT52C47	MMSZ5253B	MM3Z47V	MM5Z47V
BZX84C51		BZT52C51	MMSZ5254B	MM3Z51V	MM5Z51V
BZX84C56		BZT52C56	MMSZ5255B	MM3Z56V	MM5Z56V
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BZX84C68		BZT52C68	MMSZ5257B	MM3Z68V	MM5Z68V
BZX84C75		BZT52C75	MMSZ5258B	MM3Z75V	MM5Z75V
			MMSZ5259B		
			MMSZ5260B		
			MMSZ5261B		
			MMSZ5262B		
			MMSZ5263B		
			MMSZ5264B		
			MMSZ5265B		
			MMSZ5266B		
			MMSZ5267B		
			MMSZ5268B		
			MMSZ5269B		
			MMSZ5270B		
			MMSZ5272B		

SMD ZENER DIODE

[illegible]

DIP ZENER DIODE

1N52 Series	1N47 Series	BZX85C Series	2EZ	3EZ	1N53 Series
500mW $\pm$ 5% DO-35	1W $\pm$ 5% DO-41	1.3W $\pm$ 5% DO-41	2W $\pm$ 5% DO-41	3W $\pm$ 5% DO-15	5W $\pm$ 5% DO-15
1N5221B (2.4)	1N4728A (3.3)	BZX85C2V7	2EZ5.6D5	3EZ3.9D5	1N5338B (5.1)
1N5222B (2.5)	1N4729A (3.6)	BZX85C3V0	2EZ6.2D5	3EZ4.3D5	1N5339B (5.6)
1N5223B (2.7)	1N4730A (3.9)	BZX85C3V3	2EZ6.8D5	3EZ5.1D5	1N5340B (6.0)
1N5224B (2.8)	1N4731A (4.3)	BZX85C3V6	2EZ7.5D5	3EZ5.6D5	1N5341B (6.2)
1N5225B (3.0)	1N4732A (4.7)	BZX85C3V9	2EZ8.2D5	3EZ6.2D5	1N5342B (6.8)
1N5226B (3.3)	1N4733A (5.1)	BZX85C4V3	2EZ9.1D5	3EZ6.8D5	1N5343B (7.5)
1N5227B (3.6)	1N4734A (5.6)	BZX85C4V7	2EZ10D5	3EZ7.5D5	1N5344B (8.2)
1N5228B (3.9)	1N4735A (6.2)	BZX85C5V1	2EZ11D5	3EZ8.2D5	1N5345B (8.7)
1N5229B (4.3)	1N4736A (6.8)	BZX85C5V6	2EZ12D5	3EZ9.1D5	1N5346B (9.1)
1N5230B (4.7)	1N4737A (7.5)	BZX85C6V2	2EZ13D5	3EZ10D5	1N5347B (10)
1N5231B (5.1)	1N4738A (8.2)	BZX85C6V8	2EZ14D5	3EZ11D5	1N5348B (11)
1N5232B (5.6)	1N4739A (9.1)	BZX85C7V5	2EZ15D5	3EZ12D5	1N5349B (12)
1N5233B (6.0)	1N4740A (10)	BZX85C8V2	2EZ16D5	3EZ13D5	1N5350B (13)
1N5234B (6.2)	1N4741A (11)	BZX85C9V1	2EZ17D5	3EZ14D5	1N5351B (14)
1N5235B (6.8)	1N4742A (12)	BZX85C10	2EZ18D5	3EZ15D5	1N5352B (15)
1N5236B (7.5)	1N4743A (13)	BZX85C11	2EZ19D5	3EZ16D5	1N5353B (16)
1N5237B (8.2)	1N4744A (15)	BZX85C12	2EZ20D5	3EZ17D5	1N5354B (17)
1N5238B (8.7)	1N4745A (16)	BZX85C13	2EZ22D5	3EZ18D5	1N5355B (18)
1N5239B (9.1)	1N4746A (18)	BZX85C15	2EZ24D5	3EZ19D5	1N5356B (19)
1N5240B (10)	1N4747A (20)	BZX85C16	2EZ27D5	3EZ20D5	1N5357B (20)
1N5241B (11)	1N4748A (22)	BZX85C18	2EZ30D5	3EZ22D5	1N5358B (22)
1N5242B (12)	1N4749A (24)	BZX85C20	2EZ33D5	3EZ24D5	1N5359B (24)
1N5243B (13)	1N4750A (27)	BZX85C22	2EZ36D5	3EZ27D5	1N5360B (25)
1N5244B (14)	1N4751A (30)	BZX85C24	2EZ39D5	3EZ28D5	1N5361B (27)
1N5245B (15)	1N4752A (33)	BZX85C27		3EZ30D5	1N5362B (28)
1N5246B (16)	1N4753A (36)	BZX85C30		3EZ33D5	1N5363B (30)
1N5247B (17)	1N4754A (39)	BZX85C33		3EZ36D5	1N5364B (33)
1N5248B (18)	1N4755A (43)	BZX85C36		3EZ39D5	1N5365B (36)
1N5249B (19)	1N4756A (47)	BZX85C39			1N5366B (39)
1N5250B (20)	1N4757A (51)	BZX85C43			1N5367B (43)
1N5251B (22)	1N4758A (56)	BZX85C47			1N5368B (47)
1N5252B (24)	1N4759A (62)	BZX85C51			1N5369B (51)
1N5253B (25)		BZX85C56			
1N5254B (27)		BZX85C62			
1N5255B (28)		BZX85C68			
1N5256B (30)		BZX85C75			
1N5257B (33)					
1N5258B (36)					
1N5259B (39)					
1N5260B (43)					
1N5261B (47)					
1N5262B (51)					
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1N5264B (60)					
1N5265B (62)					
1N5266B (68)					
1N5267B (75)					

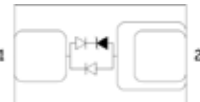
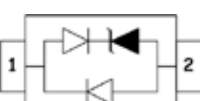
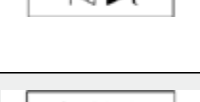
SMD Transient Voltage Suppressor

SOD-123 200W	SMA 400W	SMB 600W	SMC 1500W	SMC 3000W	SMC 5000W
UNI(BI)-POLAR	UNI(BI)-POLAR	UNI(BI)-POLAR	UNI(BI)-POLAR	UNI(BI)-POLAR	UNI(BI)-POLAR
TV02W5V0(B)-HF	TV04A5V0J(B)-G	TV06B5V0J(B)-G	TV15C5V0J(B)-G	TV30C5V0J(B)-G	TV50C5V0J(B)-G
TV02W6V0(B)-HF	TV04A6V0J(B)-G	TV06B6V0J(B)-G	TV15C6V0J(B)-G	TV30C6V0J(B)-G	TV50C6V0J(B)-G
TV02W6V5(B)-HF	TV04A6V5J(B)-G	TV06B6V5J(B)-G	TV15C6V5J(B)-G	TV30C6V5J(B)-G	TV50C6V5J(B)-G
TV02W7V0(B)-HF	TV04A7V0J(B)-G	TV06B7V0J(B)-G	TV15C7V0J(B)-G	TV30C7V0J(B)-G	TV50C7V0J(B)-G
TV02W7V5(B)-HF	TV04A7V5J(B)-G	TV06B7V5J(B)-G	TV15C7V5J(B)-G	TV30C7V5J(B)-G	TV50C7V5J(B)-G
TV02W8V0(B)-HF	TV04A8V0J(B)-G	TV06B8V0J(B)-G	TV15C8V0J(B)-G	TV30C8V0J(B)-G	TV50C8V0J(B)-G
TV02W8V5(B)-HF	TV04A8V5J(B)-G	TV06B8V5J(B)-G	TV15C8V5J(B)-G	TV30C8V5J(B)-G	TV50C8V5J(B)-G
TV02W9V0(B)-HF	TV04A9V0J(B)-G	TV06B9V0J(B)-G	TV15C9V0J(B)-G	TV30C9V0J(B)-G	TV50C9V0J(B)-G
TV02W100(B)-HF	TV04A100J(B)-G	TV06B100J(B)-G	TV15C100J(B)-G	TV30C100J(B)-G	TV50C100J(B)-G
TV02W110(B)-HF	TV04A110J(B)-G	TV06B110J(B)-G	TV15C110J(B)-G	TV30C110J(B)-G	TV50C110J(B)-G
TV02W120(B)-HF	TV04A120J(B)-G	TV06B120J(B)-G	TV15C120J(B)-G	TV30C120J(B)-G	TV50C120J(B)-G
TV02W130(B)-HF	TV04A130J(B)-G	TV06B130J(B)-G	TV15C130J(B)-G	TV30C130J(B)-G	TV50C130J(B)-G
TV02W140(B)-HF	TV04A140J(B)-G	TV06B140J(B)-G	TV15C140J(B)-G	TV30C140J(B)-G	TV50C140J(B)-G
TV02W150(B)-HF	TV04A150J(B)-G	TV06B150J(B)-G	TV15C150J(B)-G	TV30C150J(B)-G	TV50C150J(B)-G
TV02W160(B)-HF	TV04A160J(B)-G	TV06B160J(B)-G	TV15C160J(B)-G	TV30C160J(B)-G	TV50C160J(B)-G
TV02W170(B)-HF	TV04A170J(B)-G	TV06B170J(B)-G	TV15C170J(B)-G	TV30C170J(B)-G	TV50C170J(B)-G
TV02W180(B)-HF	TV04A180J(B)-G	TV06B180J(B)-G	TV15C180J(B)-G	TV30C180J(B)-G	TV50C180J(B)-G
TV02W190(B)-HF	TV04A200J(B)-G	TV06B200J(B)-G	TV15C200J(B)-G	TV30C200J(B)-G	TV50C200J(B)-G
TV02W200(B)-HF	TV04A220J(B)-G	TV06B220J(B)-G	TV15C220J(B)-G	TV30C220J(B)-G	TV50C220J(B)-G
TV02W220(B)-HF	TV04A240J(B)-G	TV06B240J(B)-G	TV15C240J(B)-G	TV30C240J(B)-G	TV50C240J(B)-G
TV02W240(B)-HF	TV04A260J(B)-G	TV06B260J(B)-G	TV15C260J(B)-G	TV30C260J(B)-G	TV50C260J(B)-G
TV02W260(B)-HF	TV04A280J(B)-G	TV06B280J(B)-G	TV15C280J(B)-G	TV30C280J(B)-G	TV50C280J(B)-G
TV02W280(B)-HF	TV04A300J(B)-G	TV06B300J(B)-G	TV15C300J(B)-G	TV30C300J(B)-G	TV50C300J(B)-G
TV02W300(B)-HF	TV04A330J(B)-G	TV06B330J(B)-G	TV15C330J(B)-G	TV30C330J(B)-G	TV50C330J(B)-G
TV02W330(B)-HF	TV04A360J(B)-G	TV06B360J(B)-G	TV15C360J(B)-G	TV30C360J(B)-G	TV50C360J(B)-G
TV02W360(B)-HF	TV04A400J(B)-G	TV06B400J(B)-G	TV15C400J(B)-G	TV30C400J(B)-G	TV50C400J(B)-G
TV02W400(B)-HF	TV04A430J(B)-G	TV06B430J(B)-G	TV15C430J(B)-G	TV30C430J(B)-G	TV50C430J(B)-G
TV02W430(B)-HF	TV04A450J(B)-G	TV06B450J(B)-G	TV15C450J(B)-G	TV30C450J(B)-G	TV50C450J(B)-G
TV02W450(B)-HF	TV04A480J(B)-G	TV06B480J(B)-G	TV15C480J(B)-G	TV30C480J(B)-G	TV50C480J(B)-G
TV02W480(B)-HF	TV04A510J(B)-G	TV06B510J(B)-G	TV15C510J(B)-G	TV30C510J(B)-G	TV50C510J(B)-G
TV02W510(B)-HF	TV04A540J(B)-G	TV06B540J(B)-G	TV15C540J(B)-G	TV30C540J(B)-G	TV50C540J(B)-G
TV02W540(B)-HF	TV04A580J(B)-G	TV06B580J(B)-G	TV15C580J(B)-G	TV30C580J(B)-G	TV50C580J(B)-G
TV02W580(B)-HF	TV04A600J(B)-G	TV06B600J(B)-G	TV15C600J(B)-G	TV30C600J(B)-G	TV50C600J(B)-G
TV02W600(B)-HF	TV04A640J(B)-G	TV06B640J(B)-G	TV15C640J(B)-G	TV30C640J(B)-G	TV50C640J(B)-G
TV02W640(B)-HF	TV04A700J(B)-G	TV06B700J(B)-G	TV15C700J(B)-G	TV30C700J(B)-G	TV50C700J(B)-G
TV02W700(B)-HF	TV04A750J(B)-G	TV06B750J(B)-G	TV15C750J(B)-G	TV30C750J(B)-G	TV50C750J(B)-G
TV02W750(B)-HF	TV04A780J(B)-G	TV06B780J(B)-G	TV15C780J(B)-G	TV30C780J(B)-G	TV50C780J(B)-G
TV02W780(B)-HF	TV04A850J(B)-G	TV06B850J(B)-G	TV15C850J(B)-G	TV30C850J(B)-G	TV50C850J(B)-G
TV02W800(B)-HF	TV04A900J(B)-G	TV06B900J(B)-G	TV15C900J(B)-G	TV30C900J(B)-G	TV50C900J(B)-G
TV02W850(B)-HF	TV04A101J(B)-G	TV06B101J(B)-G	TV15C101J(B)-G	TV30C101J(B)-G	TV50C101J(B)-G
TV02W900(B)-HF	TV04A111J(B)-G	TV06B111J(B)-G	TV15C111J(B)-G	TV30C111J(B)-G	TV50C111J(B)-G
TV02W101(B)-HF	TV04A121J(B)-G	TV06B121J(B)-G	TV15C121J(B)-G	TV30C121J(B)-G	TV50C121J(B)-G
TV02W111(B)-HF	TV04A131J(B)-G	TV06B131J(B)-G	TV15C131J(B)-G	TV30C131J(B)-G	TV50C131J(B)-G
TV02W121(B)-HF	TV04A151J(B)-G	TV06B151J(B)-G	TV15C151J(B)-G	TV30C151J(B)-G	TV50C151J(B)-G
TV02W131(B)-HF	TV04A161J(B)-G	TV06B161J(B)-G	TV15C161J(B)-G	TV30C161J(B)-G	TV50C161J(B)-G
TV02W141(B)-HF	TV04A171J(B)-G	TV06B171J(B)-G	TV15C171J(B)-G	TV30C171J(B)-G	TV50C171J(B)-G
TV02W151(B)-HF	TV04A181J(B)-G	TV06B181J(B)-G	TV15C181J(B)-G	TV30C181J(B)-G	TV50C181J(B)-G
TV02W161(B)-HF	TV04A191J(B)-G	TV06B191J(B)-G	TV15C191J(B)-G	TV30C191J(B)-G	TV50C191J(B)-G
TV02W171(B)-HF	TV04A201J(B)-G	TV06B201J(B)-G	TV15C201J(B)-G	TV30C201J(B)-G	TV50C201J(B)-G
TV02W181(B)-HF	TV04A221J(B)-G	TV06B221J(B)-G	TV15C221J(B)-G	TV30C221J(B)-G	TV50C221J(B)-G
TV02W191(B)-HF	TV04A251J(B)-G	TV06B251J(B)-G	TV15C251J(B)-G	TV30C251J(B)-G	TV50C251J(B)-G
	TV04A301J(B)-G	TV06B301J(B)-G	TV15C301J(B)-G	TV30C301J(B)-G	TV50C301J(B)-G
	TV04A351J(B)-G	TV06B351J(B)-G	TV15C351J(B)-G	TV30C351J(B)-G	TV50C351J(B)-G
	TV04A401J(B)-G	TV06B401J(B)-G	TV15C401J(B)-G	TV30C401J(B)-G	TV50C401J(B)-G
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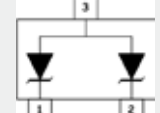
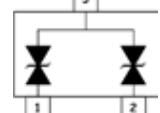
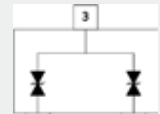
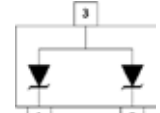
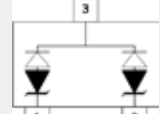
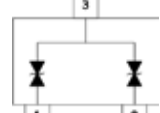
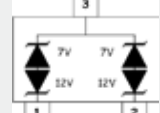
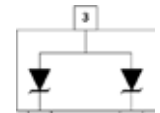
DIP Transient Voltage Suppressor

P4KE 400W	P6KE 600W	1.5KE 1500W	3KP 3000W	5KP 5000W	
UNI-POLAR	BI-POLAR	UNI-POLAR	BI-POLAR	UNI-POLAR	
P4KE6.8(C)A-G	P6KE6.8(C)A-G	1.5KE6.8(C)A-G	5KP5.0(C)A-G	5KP5.0(C)A-G	
P4KE7.5(C)A-G	P6KE7.5(C)A-G	1.5KE7.5(C)A-G	5KP6.0(C)A-G	5KP6.0(C)A-G	
P4KE8.2(C)A-G	P6KE8.2(C)A-G	1.5KE8.2(C)A-G	5KP6.5(C)A-G	5KP6.5(C)A-G	
P4KE9.1(C)A-G	P6KE9.1(C)A-G	1.5KE9.1(C)A-G	5KP7.0(C)A-G	5KP7.0(C)A-G	
P4KE10(C)A-G	P6KE10(C)A-G	1.5KE10(C)A-G	5KP7.5(C)A-G	5KP7.5(C)A-G	
P4KE11(C)A-G	P6KE11(C)A-G	1.5KE11(C)A-G	5KP8.0(C)A-G	5KP8.0(C)A-G	
P4KE12(C)A-G	P6KE12(C)A-G	1.5KE12(C)A-G	5KP8.5(C)A-G	5KP8.5(C)A-G	
P4KE13(C)A-G	P6KE13(C)A-G	1.5KE13(C)A-G	5KP9.0(C)A-G	5KP9.0(C)A-G	
P4KE15(C)A-G	P6KE15(C)A-G	1.5KE15(C)A-G	5KP10(C)A-G	5KP10(C)A-G	
P4KE16(C)A-G	P6KE16(C)A-G	1.5KE16(C)A-G	5KP11(C)A-G	5KP11(C)A-G	
P4KE18(C)A-G	P6KE18(C)A-G	1.5KE18(C)A-G	5KP12(C)A-G	5KP12(C)A-G	
P4KE20(C)A-G	P6KE20(C)A-G	1.5KE20(C)A-G	5KP13(C)A-G	5KP13(C)A-G	
P4KE22(C)A-G	P6KE22(C)A-G	1.5KE22(C)A-G	5KP14(C)A-G	5KP14(C)A-G	
P4KE24(C)A-G	P6KE24(C)A-G	1.5KE24(C)A-G	5KP15(C)A-G	5KP15(C)A-G	
P4KE27(C)A-G	P6KE27(C)A-G	1.5KE27(C)A-G	5KP16(C)A-G	5KP16(C)A-G	
P4KE30(C)A-G	P6KE30(C)A-G	1.5KE30(C)A-G	5KP17(C)A-G	5KP17(C)A-G	
P4KE33(C)A-G	P6KE33(C)A-G	1.5KE33(C)A-G	5KP18(C)A-G	5KP18(C)A-G	
P4KE36(C)A-G	P6KE36(C)A-G	1.5KE36(C)A-G	5KP20(C)A-G	5KP20(C)A-G	
P4KE39(C)A-G	P6KE39(C)A-G	1.5KE39(C)A-G	5KP22(C)A-G	5KP22(C)A-G	
P4KE43(C)A-G	P6KE43(C)A-G	1.5KE43(C)A-G	5KP24(C)A-G	5KP24(C)A-G	
P4KE47(C)A-G	P6KE47(C)A-G	1.5KE47(C)A-G	5KP26(C)A-G	5KP26(C)A-G	
P4KE51(C)A-G	P6KE51(C)A-G	1.5KE51(C)A-G	5KP28(C)A-G	5KP28(C)A-G	
P4KE56(C)A-G	P6KE56(C)A-G	1.5KE56(C)A-G	5KP30(C)A-G	5KP30(C)A-G	
P4KE62(C)A-G	P6KE62(C)A-G	1.5KE62(C)A-G	5KP33(C)A-G	5KP33(C)A-G	
P4KE68(C)A-G	P6KE68(C)A-G	1.5KE68(C)A-G	5KP36(C)A-G	5KP36(C)A-G	
P4KE75(C)A-G	P6KE75(C)A-G	1.5KE75(C)A-G	5KP40(C)A-G	5KP40(C)A-G	
P4KE82(C)A-G	P6KE82(C)A-G	1.5KE82(C)A-G	5KP43(C)A-G	5KP43(C)A-G	
P4KE91(C)A-G	P6KE91(C)A-G	1.5KE91(C)A-G	5KP45(C)A-G	5KP45(C)A-G	
P4KE100(C)A-G	P6KE100(C)A-G	1.5KE100(C)A-G	5KP48(C)A-G	5KP48(C)A-G	
P4KE110(C)A-G	P6KE110(C)A-G	1.5KE110(C)A-G	5KP51(C)A-G	5KP51(C)A-G	
P4KE120(C)A-G	P6KE120(C)A-G	1.5KE120(C)A-G	5KP54(C)A-G	5KP54(C)A-G	
P4KE130(C)A-G	P6KE130(C)A-G	1.5KE130(C)A-G	5KP58(C)A-G	5KP58(C)A-G	
P4KE150(C)A-G	P6KE150(C)A-G	1.5KE150(C)A-G	5KP60(C)A-G	5KP60(C)A-G	
P4KE160(C)A-G	P6KE160(C)A-G	1.5KE160(C)A-G	5KP64(C)A-G	5KP64(C)A-G	
P4KE170(C)A-G	P6KE170(C)A-G	1.5KE170(C)A-G	5KP70(C)A-G	5KP70(C)A-G	
P4KE180(C)A-G	P6KE180(C)A-G	1.5KE180(C)A-G	5KP75(C)A-G	5KP75(C)A-G	
P4KE200(C)A-G	P6KE200(C)A-G	1.5KE200(C)A-G	5KP78(C)A-G	5KP78(C)A-G	
P4KE220(C)A-G	P6KE220(C)A-G	1.5KE220(C)A-G	5KP85(C)A-G	5KP85(C)A-G	
P4KE250(C)A-G	P6KE250(C)A-G	1.5KE250(C)A-G	5KP90(C)A-G	5KP90(C)A-G	
P4KE300(C)A-G	P6KE300(C)A-G	1.5KE300(C)A-G	5KP100(C)A-G	5KP100(C)A-G	
P4KE350(C)A-G	P6KE350(C)A-G	1.5KE350(C)A-G	5KP110(C)A-G	5KP110(C)A-G	
P4KE380(C)A-G	P6KE380(C)A-G	1.5KE380(C)A-G	5KP120(C)A-G	5KP120(C)A-G	
P4KE400(C)A-G	P6KE400(C)A-G	1.5KE400(C)A-G	5KP130(C)A-G	5KP130(C)A-G	
P4KE440(C)A-G	P6KE440(C)A-G	1.5KE440(C)A-G	5KP150(C)A-G	5KP150(C)A-G	
P4KE500(C)A-G	P6KE500(C)A-G	1.5KE500(C)A-G	5KP160(C)A-G	5KP160(C)A-G	
P4KE520(C)A-G	P6KE520(C)A-G	1.5KE520(C)A-G	5KP170(C)A-G	5KP170(C)A-G	
P4KE550(C)A-G	P6KE550(C)A-G	1.5KE550(C)A-G	5KP180(C)A-G	5KP180(C)A-G	
P4KE600(C)A-G	P6KE600(C)A-G	1.5KE600(C)A-G	5KP190(C)A-G	5KP190(C)A-G	

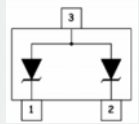
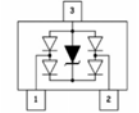
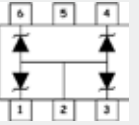
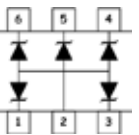
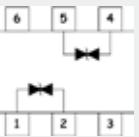
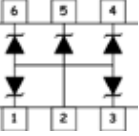
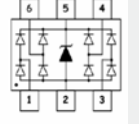
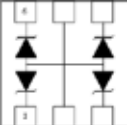
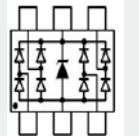
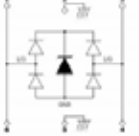
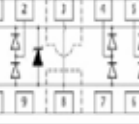
ESD / TVS Arrays

Part Number	Peak Power Dissipation(W) tp=8*20us	Reverse Stand-off Voltage	Max. Clamping Voltage	Peak Pulse Current	Off-State Capacitance 1M Hz Zero DC Bias	Package	Circuit Figure
		Vrwm(V)	Vc(Max)	Vc@A	Co pF		
KWDA0501CP	100W	5.0	18.0	5.0	35.0	DFN1006	
KWULC0501P	50W	5.0	12.0	1.0	0.5	DFN1006	
KWESDA33CP	100W	3.3	12.0	8.0	10.0	DFN1006	
KWESDA05CP		5.0	20.0	5.0	10.0		
KWESDA08CP		8.0	25.0	4.0	7.0		
KWULC0501T	100W	6.0	15.0	2.0	0.7	SOD-523	
KWESDA33CT	100W	3.3	12.0	8.0	10	SOD-523	
KWESDA05CT		5.0	20.0	5.0	10		
KWESDA08CT		8.0	25.0	4.0	7		
KWDA3.3T1	200W	3.3	14.1	11.2	200.0	SOD-523	
KWDA05T1		5.0	18.6	9.4	110.0		
KWDA08T1		8.0	19.5	8.8	70.0		
KWDA12T1		12.0	17.0	5.0	60.0		
KWDA15T1		15.0	22.0	5.0	50.0		
KWDA24T1		24.0	32.0	5.0	25.0		
KWDA0301	450W	3.0	17.0	25.0	450.0	SOD-123	
KWDA0501		5.0	20.0	24.0	200.0		
KWDA0801		8.0	25.0	23.0	100.0		
KWDA1201		12.0	28.0	22.0	75.0		
KWDA1501		15.0	33.0	18.0	68.0		
KWDA1801		18.0	45.0	14.0	57.0		
KWDA2401		24.0	50.0	12.0	50.0		
KWDA3601		36.0	69.0	7.0	40.0		
KWBLC03C	350W	3.3	13.9	8.0	0.4	SOD-323	
KWBLC05C		5.0	18.3	8.0	0.4		
KWBLC08C		8.0	18.5	8.0	0.4		
KWBLC12C		12.0	28.6	6.0	0.4		
KWBLC15C		15.0	31.8	5.0	0.4		
KWBLC24C		24.0	56.0	3.0	0.4		
KWBLC36C		36.0	79.0	2.0	0.4		
KWBLC33	350W	3.3	18.3	8.0	0.4	SOD-323	
KWBLC05		5.0	18.5	8.0	0.4		
KWBLC12		12.0	28.6	6.0	0.4		
KWLC3301CW	350W	3.3	17.8	22.0	5.0	SOD-323	
KWLC0501CW		5.0	22.0	20.0	5.0		
KWLC0801CW		8.0	22.5	12.0	1.0		
KWLC1201CW		12.0	28.3	8.0	1.0		
KWLC1501CW		15.0	32.3	6.0	1.0		
KWLC2401CW		24.0	56.5	5.0	1.0		

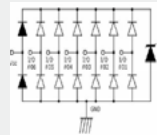
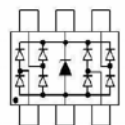
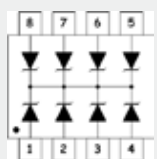
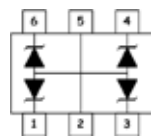
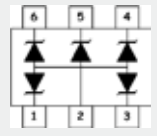
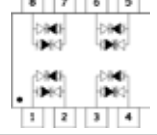
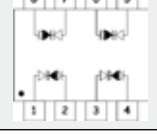
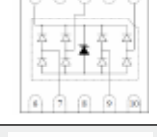
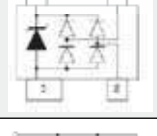
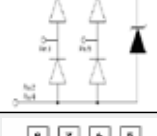
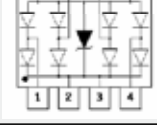
ESD / TVS Arrays

Part Number	Peak Power Dissipation(W) tp=8*20us	Reverse Stand-off Voltage	Max. Clamping Voltage	Peak Pulse Current	Off-State Capacitance 1M Hz Zero DC Bias	Package	Circuit Figure
		Vrwm(V)	Vc(Max)	Vc@A	Co pF		
KWESD3Z3.3T1G	350W	3.0	10.5	20.0	450.0	SOD-323	
KWESD3Z5.0T1G		5.0	18.0	17.0	300.0		
KWESD3Z12T1G		12.0	32.0	11.0	130.0		
KWESD3Z15T1G		15.0	38.0	10.0	120.0		
KWESD3Z24T1G		24.0	52.0	7.0	80.0		
KWESD3Z36T1G		36.0	75.0	5.0	30.0		
KWESD3Z3.3BT1G	350W	3.3	10.5	20.0	450.0	SOD-323	
KWESD3Z05BT1G		5.0	18.0	17.0	200.0		
KWESD3Z08BT1G		8.0	24.0	12.0	100.0		
KWESD3Z12BT1G		12.0	32.0	11.0	75.0		
KWESD3Z15BT1G		15.0	38.0	10.0	68.0		
KWESD3Z18BT1G		18.0	45.0	9.0	57.0		
KWESD3Z24BT1G		24.0	52.0	7.0	50.0		
KWESD3Z36BT1G		36.0	75.0	5.0	40.0		
KWDA6.8FVT3	50W	5.0	22.0	2.0	22	SOT-723	
KWAZ5V6T3	100W	3.3	17.0	5.0	13	SOT-523	
KWM3.3LC	100W	3.3	12.0	2.5	12	SOT-23	
KWM5.0LC	100W	5.0	15.0	2.5	10		
KWAZ5V6D3	100W	5.0	17.0	5.0	30	SOT-23	
KWLC05C	300W	5.0	12.0	17.0	1.0	SOT-23	
KWDA0502C	100W	5.0	17.0	6.0	30.0	SOT-23	
KWM712	400W	12V/7V	26V/12V	12A/17A	55.0	SOT-23	
KWOT03C	400W	3.0	8.5	5.0	120.0	SOT-23	
KWOT05C		5.0	9.8	5.0	110.0		
KWOT08C		8.0	15.0	5.0	70.0		
KWOT12C		12.0	17.0	5.0	60.0		
KWOT15C		15.0	22.0	5.0	50.0		
KWOT24C		24.0	32.0	3.0	25.0		
KWOT36C		36.0	55.0	1.0	20.0		

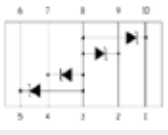
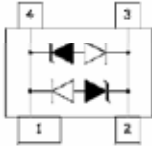
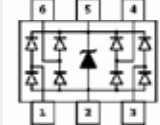
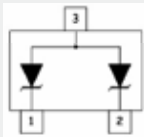
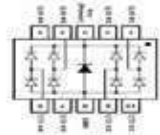
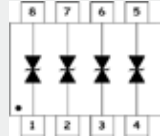
ESD / TVS Arrays

Part Number	Peak Power Dissipation(W) tp=8*20us	Reverse Stand-off Voltage	Max. Clamping Voltage	Peak Pulse Current	Off-State Capacitance 1M Hz Zero DC Bias	Package	Circuit Figure
		Vrwm(V)	Vc(Max)	Vc@A	Co pF		
KWULC0502T3	100W	5.0	25.0	3.0	0.7	SOT-523	
KWLC05CU	100W	5.0	20.0	2.0	1.2	SOT-323	
KWDA3304T6 KWDA0504T6 KWDA1204T6	100W	3.3 5.0 12.0	13.0 12.0 28.0	6.0 5.0 3.0	35 30 25	SOT-563	
KWDA3305T6 KWDA0505T6 KWDA1205T6	100W	3.3 5.0 12.0	13.0 12.0 28.0	6.0 5.0 3.0	35 30 25	SOT-563	
KWESDA12JT6	100W	9.0	25.0	4.0	3	SOT-563	
KWDA05CW	100W	5.0	12.5	5.0	50	SOT-363	
KWCLAMP0504F	100W	5.0	20.0	3.0	1.2	SOT-363	
KWESDA0504NL	40W	5.0	35.0	1.0	9.0	DFN1510P6	
KWUSB2.0-5	80W	5.0	25.0	1.0	1	SOT-26	
KWULC0502N	100W	5.0	20.0	3.0	0.8	DFN1510P6	
KWCLAMP0524P	150W	5.0	15.0	1.0	0.8	SLP2510P8	

ESD / TVS Arrays

Part Number	Peak Power Dissipation(W) tp=8*20us	Reverse Stand-off Voltage	Max. Clamping Voltage	Peak Pulse Current	Off-State Capacitance 1M Hz Zero DC Bias	Package	Circuit Figure
		Vrwm(V)	Vc(Max)	Vc@A	Co pF		
KWULC0568M	200W	5.0	23.0	3.0	1.0	MSOP-08	
KWSRV05-4	300W	5.0	17.5	2.0	1.2	SOT-26	
KWMDA03C-7 KWMDA05C-7 KWMDA08C-7 KWMDA12C-7 KWMDA15C-7 KWMDA24C-7	300W	3.3 5.0 8.0 12.0 15.0 24.0	10.5 20.0 24.0 35.0 40.0 56.0	20.0 17.0 14.0 12.0 10.0 5.0	450.0 350.0 190.0 120.0 75.0 50.0	SOP-08	
KWMS3.3 KWMS05 KWMS12 KWMS15 KWMS24	350W	3.3 5.0 12.0 15.0 24.0	14.0 15.0 27.0 30.0 46.0	25.0 24.0 15.0 12.0 8.0	250.0 200.0 90.0 70.0 50.0	SOT-26	
KWMS3.3C KWMS05C KWMS12C KWMS15C KWMS24C	350W	3.3 5.0 12.0 15.0 24.0	14.0 15.0 27.0 30.0 46.0	25.0 24.0 15.0 12.0 8.0	250.0 200.0 90.0 70.0 50.0	SOT-26	
KWLVU2.8-8	600W	2.8	17.0	27.0	5.0	SOP-08	
KWD10608P	400W	2.8	15.0	27.0	2.0	SOP-08	
KWCS2201-33	450W	3.3	16.0	25.0	3.8	DFN2.6*2.6-10L	
KWSR05	300W	5.0	25.0	3.0	1.0	SOT-143	
KWLC0502KDT5	100W	5.0	23.0	5.0	1.5	SOT-553	
KWRDA3.3-4 KWRDA05-4 KWRDA12-4	500W	3.3 5.0 12.0	20.0 22.0 30.0	25.0 23.0 28.0	5.0 5.0 5.0	SOP-08	

ESD / TVS Arrays

Part Number	Peak Power Dissipation(W) tp=8*20us	Reverse Stand-off Voltage	Max. Clamping Voltage	Peak Pulse Current	Off-State Capacitance 1M Hz Zero DC Bias	Package	Circuit Figure
		Vrwm(V)	Vc(Max)	Vc@A	Co pF		
KWULC3304P10	100W	3.3	15.0	8.0	0.5	DFN2510P10	
KWULC0504P10	100W	5.0	18.0	8.0	0.5		
KWPL33C	350W	3.3	20.0	23.0	3.0	SOT-143	
KWPL05C		5.0	24.0	22.0	3.0		
KWPL08C		8.0	26.0	20.0	3.0		
KWPL12C		12.0	34.0	12.0	3.0		
KWPL15C		15.0	40.0	10.0	3.0		
KWPL24C		24.0	60.0	6.0	3.0		
KWPL36C		36.0	75.0	4.0	3.0		
KWDA2.5CBP	150W	2.5	13.0	10.0	20.0	DFN1006BP	
KWDA3.3CBP	150W	3.3	15.0	10.0	20.0		
KWDA0301P	200W	3.0	15.0	17.0	200.0	DFN1006	
KWDA0501P		5.0	16.0	16.0	110.0		
KWDA0801P		8.0	18.0	13.0	70.0		
KWDA1201P		12.0	28.0	7.0	60.0		
KWDA1501P		15.0	32.0	6.0	50.0		
KWDA2401P		24.0	55.0	3.0	25.0		
KWLC3304KEDT6	300W	3.3	15.0	4.0	2.0	SOT-26	
KWDA3301CW	100W	3.3	15.0	5.0	35.0	SOD-323	
KWDA0501CW		5.0	17.5	5.0	30.0		
KWDA03W	100W	3.3	14.0	6.0	40.0	SOT-23	
KWDA05W		5.0	17.0	5.0	35.0		
KWDA12W		12.0	26.0	3.0	25.0		
KWCLAMP0514M	100W	5.0	20.0	2.0	1.0	MSOP-10	
KWMDA3.3C	500W	3.3	17.0	25.0	450.0	SOP-08	
KWMDA05C		5.0	23.0	24.0	300.0		
KWMDA08C		8.0	28.0	20.0	290.0		
KWMDA12C		12.0	32.0	18.0	100.0		
KWMDA15C		15.0	35.0	17.0	80.0		
KWMDA24C		24.0	52.0	12.0	50.0		
KWMDA36C		36.0	75.0	7.0	40.0		

Transient Voltage Suppressor Diode Arrays

Part No.	Diode Breakdown voltage		Leakage Current		Capactiance		Clamping Voltage	Peak ESD Voltage Capability	Package Power	Case
	VBD(V)		IL(μA)		CT(pF)		VC	VPV	PD	
	Min.	Typ.	Typ.	Max.	Typ.	Max.	V	kV	mW	
CTAN143V3-G	4.0	-	-	50.0	-	350.0	8.0	16	600	NSOIC-14
CTAN145V0-G	6.0	-	-	10.0	-	350.0	10.0			
CTAN1412V-G	13.3	-	-	1.0	-	120.0	20.0			
CTAN1415V-G	16.7	-	-	1.0	-	75.0	24.0			
CTAN1424V-G	26.7	-	-	1.0	-	50.0	43.0			
CTAN1436V-G	37.0	-	-	1.0	-	40.0	40.0			
CTBN083V3-G	4.0	-	-	50.0	-	350.0	8.0	16	400	NSOIC-8
CTBN085V0-G	6.0	-	-	10.0	-	350.0	10.0			
CTBN0812V-G	13.3	-	-	1.0	-	120.0	20.0			
CTBN0815V-G	16.7	-	-	1.0	-	75.0	24.0			
CTBN0824V-G	26.7	-	-	1.0	-	50.0	43.0			
CTBN0836V-G	37.0	-	-	1.0	-	40.0	40.0			
CTCN083V3-G	4.0	-	-	50.0	-	350.0	8.0	16	400	NSOIC-8
CTCN085V0-G	6.0	-	-	10.0	-	350.0	10.0			
CTCN0812V-G	13.3	-	-	1.0	-	120.0	20.0			
CTCN0815V-G	16.7	-	-	1.0	-	75.0	24.0			
CTCN0824V-G	26.7	-	-	1.0	-	50.0	43.0			
CTCN0836V-G	37.0	-	-	1.0	-	40.0	40.0			
CTDS063V3-G	4.0	-	-	50.0	-	350.0	8.0	16	225	SOT-23-6
CTDS065V0-G	6.0	-	-	10.0	-	350.0	10.0			
CTDS0612V-G	13.3	-	-	1.0	-	120.0	20.0			
CTDS0615V-G	16.7	-	-	1.0	-	75.0	24.0			
CTDS0624V-G	26.7	-	-	1.0	-	50.0	43.0			
CTDS0636V-G	37.0	-	-	1.0	-	40.0	40.0			
CTES033V3-G	4.0	-	-	50.0	-	350.0	8.0	16	225	SOT-23-3
CTES035V0-G	6.0	-	-	10.0	-	350.0	10.0			
CTES0312V-G	13.3	-	-	1.0	-	120.0	20.0			
CTES0315V-G	16.7	-	-	1.0	-	75.0	24.0			
CTES0324V-G	26.7	-	-	1.0	-	50.0	43.0			
CTES0336V-G	37.0	-	-	1.0	-	40.0	40.0			
CSRS045V0-G	6.0	-	-	5.0	-	5.0	-	16	225	SOT-23-6
CSRS065V0-G	6.0	-	-	5.0	-	5.0	-			SOT-23-6
CSRS085V0-G	6.0	-	-	5.0	-	5.0	-			SOT-143

Transient Voltage Suppressor Diode Arrays

Part No.	Diode Breakdown voltage		Leakage Current		Capactiance		Clamping Voltage	Peak ESD Voltage Capability	Package Power	Case
	VBD(V)		IL(μA)		CT(pF)		VC	VPV	PD	
	Min.	Typ.	Typ.	Max.	Typ.	Max.	V	kV	mW	
CPDER5V0	5.1	7.0	±0.1	±0.2	15	20	±7.0	16	100	0503
CPDER12V	14.0	17.0	±0.1	±0.2	12	-	±17			
CPDERV24	25.0	28.0	±0.1	±0.2	10	-	±25			
CPDER36V	38.0	40.0	±0.1	±0.2	5	-	±40			
CPDU5V0	5.1	7.0	±0.1	±0.2	15	20	±7.0	16	100	0603
CPDU12V	14.0	17.0	±0.1	±0.2	12	-	±17			
CPDUV24	25.0	28.0	±0.1	±0.2	10	-	±25			
CPDU36V	38.0	40.0	±0.1	±0.2	5	-	±40			
CPDF5V0	5.1	7.0	±0.1	±0.2	15	20	±7.0	16	100	1005
CPDF12V	14.0	17.0	±0.1	±0.2	12	-	±17			
CPDFV24	25.0	28.0	±0.1	±0.2	10	-	±25			
CPDF36V	38.0	40.0	±0.1	±0.2	5	-	±40			
CPDK5V0	5.1	7.0	±0.1	±0.2	15	20	±7.0	16	100	1406
CPDK12V	14.0	17.0	±0.1	±0.2	12	-	±17			
CPDKV24	25.0	28.0	±0.1	±0.2	10	-	±25			
CPDK36V	38.0	40.0	±0.1	±0.2	5	-	±40			
CPDER5V0U	5.1	7.0	±0.1	±0.2	24	30	9.0	15	150	0503
CPDU5V0U	5.1	7.0	±0.1	±0.2	24	30	9.0	15	150	0603
CPDF5V0U	5.1	7.0	±0.1	±0.2	24	30	9.0	15	150	1005
CPDK5V0U	5.1	7.0	±0.1	±0.2	24	30	9.0	15	150	1406

ESD Transient Suppressor Diode Arrays

Part No.	Diode Breakdown voltage		Leakage Current		Capactiance		Clamping Voltage	Peak ESD Voltage Capability	Package Power	Case
	VBD(V)		IL(μA)		CT(pF)		VC	VPV	PD	
	Min.	Typ.	Typ.	Max.	Typ.	Max.	V	kV	mW	
CDAAQ20-G	7.2	-	0.1	2.0	1	5.0	-	16	1000	QSOP-20
CDA2Q20-G	7.2	-	0.1	2.0	1	5.0	-		1000	QSOP-20
CDA3S06-G	7.2	-	0.1	2.0	1	5.0	-		225	SOT23-6
CDA4S14-G	7.2	-	0.1	2.0	1	5.0	-		225	SOT-143
CDA5Q24-G	7.2	-	0.1	2.0	1	5.0	-		1000	QSOP-24
CDA6N08-G	7.2	-	0.1	2.0	1	5.0	-		400	NSOIC-8
CDA7Q24-G	7.2	-	0.1	2.0	1	5.0	-		1000	QSOP-24
CDA8S03-G	7.2	-	0.1	2.0	1	5.0	-		225	SOT-23
CDA9N08-G	7.2	-	0.1	2.0	1	5.0	-		400	NSOIC-8
CEAS035V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	225	SOT-23
CEAS0312V-G	14.0	17.0	0.1	2.0	12	-	±17		225	SOT-23
CEAS0324V-G	25.0	28.0	0.1	2.0	10	-	±25		225	SOT-23
CEAS0336V-G	38.0	40.0	0.1	2.0	5	-	±40		225	SOT-23
CEBS065V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	225	SOT-23-6
CEBS0612V-G	14.0	17.0	0.1	2.0	12	-	±17		225	SOT-23-6
CEBS0624V-G	25.0	28.0	0.1	2.0	10	-	±25		225	SOT-23-6
CEBS0636V-G	38.0	40.0	0.1	2.0	5	-	±40		225	SOT-23-6
CECS065V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	225	SOT-23-6
CECS0612V-G	14.0	17.0	0.1	2.0	12	-	±17		225	SOT-23-6
CECS0624V-G	25.0	28.0	0.1	2.0	10	-	±25		225	SOT-23-6
CECS0636V-G	38.0	40.0	0.1	2.0	5	-	±40		225	SOT-23-6
CEDS055V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	225	SOT-23-5
CEDS0512V-G	14.0	17.0	0.1	2.0	12	-	±17		225	SOT-23-5
CEDS0524V-G	25.0	28.0	0.1	2.0	10	-	±25		225	SOT-23-5
CEDS0536V-G	38.0	40.0	0.1	2.0	5	-	±40		225	SOT-23-5
CEEN085V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	400	NSOIC-8
CEEN145V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0		600	NSOIC-14
CEEN165V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0		800	SOIC-16
CEEN0824V-G	25.0	28.0	0.1	2.0	15	-	±28		400	SOIC-8
CEEN1424V-G	25.0	28.0	0.1	2.0	15	-	±28		600	SOIC-14
CEEN1624V-G	25.0	28.0	0.1	2.0	15	-	±28		800	SOIC-16
CEFN085V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	400	NSOIC-8
CEFN145V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0		600	NSOIC-14
CEFN165V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0		800	NSOIC-16
CEFQ205V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0		-	QSOP-20
CEFW205V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0		1200	WSOIC-20
CEFN0824V-G	25.0	28.0	0.1	2.0	15	-	±28		400	NSOIC-8
CEFN1424V-G	25.0	28.0	0.1	2.0	15	-	±28		600	NSOIC-14
CEFN1624V-G	25.0	28.0	0.1	2.0	15	-	±28		800	NSOIC-16
CEFQ2024V-G	25.0	28.0	0.1	2.0	15	-	±28		-	QSOP-20
CEFW2024V-G	25.0	28.0	0.1	2.0	15	-	±28		1200	WSOIC-20
CLCN085V0-G	5.5	-	-	2.0	5	-	-	16	400	NSOIC-8
CLCS145V0-G	6.0	-	0.1	2.0	5	-	±13		225	SOT-143
CLCS1424V-G	25.0	28.0	0.1	2.0	15	-	±28		225	SOT-143
CLCS1436V-G	38.0	-	0.1	2.0	5	-	±46		225	SOT-143
CLCS1448V-G	50.0	-	0.1	2.0	5	-	±58		225	SOT-143
CLPS145V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	225	SOT-143
CPDT5V0-G	5.1	7.0	0.1	2.0	15	20.0	±7.0	16	225	SOT-23
CPDT5V0U-G	6.1	7.0	0.1	1.0	45	60.0	8.0	-	225	SOT-23
CPDT5-5V0U-G	6.1	7.0	0.1	1.0	45	60.0	8.0	-	225	SOT-23-5
CPDT6-5V0U-G	6.1	7.0	0.1	1.0	45	60.0	8.0	-	225	SOT-23-6
CPDV5-5V0U-G	6.1	7.0	0.1	1.0	54	60.0	8.0	-	225	SOT-353
CPDV6-5V0U-G	6.1	7.0	0.1	1.0	45	60.0	8.0	-	225	SOT-363
CPDV3-5V0U-G	6.1	7.0	0.1	1.0	54	60.0	8.0	-	225	SOT-323
CPDH3-5V0U-G	6.1	7.0	0.1	1.0	45	60.0	8.0	-	225	SOT-523
CPDH6-5V0U-G	6.1	7.0	0.1	1.0	45	60.0	8.0	-	225	SOT-563

TVS / ESD Protection Diode

Part No.	VRWM (V)	VBR (V)	PPK (8/20μs) (W)	C (pF) Typ	IR @VRWM (μA)	Brief Description	Package
WOST04	4.0	5.0	300	300	20	Single TVS	SOT-23
WOST05	5.0	6.0		220	20		
WOST08	8.0	8.5		190	5.0		
WOST12	12.0	13.3		150	1.0		
WOST04C	4.0	5.0	300	600	20	Dual TVS	SOT-23
WOST05C	5.0	6.1		420	20		
WOST08C	8.0	8.5		190	5.0		
WOST12C	12.0	13.3		150	1.0		
WOST15C	15.0	16.7		100	1.0		
ESDA5V3	3.0	5.3 ~ 5.9	300	220	2.0	Dual TVS	SOT-23
ESDA6V1	5.25	6.1 ~ 7.2		140	20		
ESDA14V2	12.0	14.2 ~ 15.8		90	5.0		
ESDA25	24.0	25.0 ~ 30.0		50	1.0		
WOSD05	5.0	6.0	300	350	10	Single TVS	SOD-323
WOSD12	12.0	13.3		150	1.0		
ESD5Z2.5	2.5	4.0	200	145	6.0	Single TVS	SOD-523
ESD5Z3.3	3.3	5.0		105	0.05		
ESD5Z5.0	5.0	6.2		80	0.05		
ESD5Z6.0	6.0	6.8		70	0.01		
ESD5Z7.0	7.0	7.5		65	0.01		
ESD5Z5.0C	5	5.6	200	80	1.0	Bidirectional TVS	SOD-523
ESD7Z3.3	3.3	5.0	150	80	2.5	Single TVS	SOD-723
ESD7Z5.0	5.0	6.2		65	1.0		
ESD9D3.3	3.3	5.0	100	80	2.5	Single TVS	SOD-923
ESD9D5.0	5.0	6.2		65	1.0		
ESD9D3.3C	3.3	5.0	100	25	1.0	Bidirectional TVS	SOD-923
ESD9D5.0C	5.0	6.2		15	1.0		
WSLVU2.8	2.8	---	400	3.5	1.0	Ultralow Capacitance & Low Voltage TVS	SOT-23
WSLVU2.8-4	2.8	---	400	10	1.0	Ultralow Capacitance & Low Voltage TVS Array	SOP-8
WSLVU2.8-8	2.8	---	400	10	1.0	Ultralow Capacitance & Low Voltage TVS Array	SOP-8
WGBLC03C	3.3	4.0 ~ 7.0	350	3.0	5.0	Ultralow Capacitance Bidirectional TVS Array	SOD-323
WGBLC05C	5.0	6.0 ~ 9.8			5.0		
WGBLC08C	8.0	8.5 ~ 13.4			2.0		
WGBLC12C	12.0	13.3 ~ 19.0			1.0		
WGBLC15C	15.0	16.7 ~ 24.0			1.0		
WGBLC18C	18.0	20.0 ~ 29.0			1.0		
WGBLC24C	24.0	26.7 ~ 43.0			1.0		
WGBLC03	3.3	4.0 ~ 7.0	350	3.0	5.0	Ultralow Capacitance Unidirectional TVS Array	SOD-323
WGBLC05	5.0	6.0 ~ 9.8			5.0		
WGBLC08	8.0	8.5 ~ 13.4			2.0		
WGBLC12	12.0	13.3 ~ 19.0			1.0		
WGBLC15	15.0	16.7 ~ 24.0			1.0		
WGBLC18	18.0	20.0 ~ 29.0			1.0		
WGBLC24	24.0	26.7 ~ 43.0			1.0		
ESD6A5V6W6	3.3	5.2 ~ 6.0	75	45	1.0	Quad TVS Array	SOT-363
ESD6A6V8W6	5.0	6.4 ~ 7.2		40	1.0		
ESDA6V1W6	5.0	6.1 ~ 7.2	100	50	1.0	5-Line TVS Array	SOT-363
ESDA6V1W5	5.0	6.1 ~ 7.2	150	90	1.0	Quad TVS Array	SOT-353
WGSMF05C	5.0	6.2 ~ 7.2	100	54	0.5	5-Line TVS Array	SOT-563
ESDA5V6V5	-	5.32 ~ 5.88	100	90	1.0	Quad TVS Array	SOT-553
ESDA6V2V5		5.89 ~ 6.51		80	0.5		
ESDA6V8V5		6.46 ~ 7.14		70	1.0		
ESDA5V6AV5	-	5.3 ~ 5.9	20	15	1.0	Low Capacitance Quad TVS Array	SOT-553
WGRV05-4	5.0	6.0	500	3.5	5.0	Low Capacitance 4-Line TVS Array	SOT-26

SWITCHING DIODE / SCHOTTKY DIODE

SMD SWITCHING DIODES			SMD SWITCHING DIODES		
Micro Melf			SOD-123		
Part No.	V	mA	Part No.	V	mA
MCL4148	75	100	CDSNC4148 (1206)	75	150
Mini Melf			1N4148W		
Part No.	V	mA	1N4448W	100	150
LL4148	100	150	BAV19W	100	250
RLS245 (Rohm RLS245)	250	200	BAV20W	120	200
SOT-23			BAV21W	200	200
Part No.	V	mA		250	200
BAL99	70	100	SOD-323		
BAS16	75	200	Part No.	V	mA
BAS19	120	200	1N4148WS	100	250
BAS21	250	200	1N4448WS	100	250
BAS21S	250	200	BAV16WS	100	150
BAS21C	250	200	BAS16H	75	200
BAS116	75	200	BAS19H	120	200
BAV70 (Rohm BAV70)	70	200	BAS20H	200	200
BAV74	50	200	BAS21H	250	200
BAV99 (Rohm BAV99)	70	215	MMBL4148H	100	200
BAV199	70	215	MMBL4448H	100	250
BAW56 (Rohm BAW56)	70	200	MMBL914H	100	200
MMBD914	100	200	1SS355 (Rohm 1SS355)	80	100
MMBD4148 A/C/S	100	200	1SS380 (Rohm 1SS380)	35	100
MMBD2836	75	100	SOD-523		
MMBD2838	75	100	Part No.	V	mA
MMBD7000	100	200	1SS400 (Rohm 1SS400)	80	100
MMBD2004 A/C/S	300	225	1SS387	85	100
MMBD3004 A/C/S	350	225	BAS516	75	250
WAN202K (Rohm DAN202K)	80	100	SMD SMALL SIGNAL SCHOTTKY DIODES		
WAP202K (Rohm DAP202K)	80	100	Micro Melf		
WAN217 (Rohm DAN217)	80	100	Part No.	V	mA
WA228K (Rohm DA228K)	80	100	MCL85S	30	600
WA204K (Rohm DA204K)	20	100	Mini Melf		
1SS181/184/187/190/193/196/226	80	100	Part No.	V	A
			LL103A	40	1
			LL103B	30	1
			LL103C	20	1
SOT-323			SOD-123		
Part No.	V	mA	Part No.	V	mA
BAS16W	75	200	B0520W	20	500
BAV70W	75	200	B0530W	30	500
BAV99W	75	200	B0545W	45	500
BAW56W	75	200	B140W (Rohm RB160M-30)	40	1000
WAN202U (Rohm DAN202U)	80	100	B160W	60	1000
WAP202U (Rohm DAP202U)	80	100	SD340T (NEW)	40	3000
WAN217U (Rohm DAN217U)	80	100	BAT42W	30	200
WA228U (Rohm DA228U)	80	100	BAT43W	30	200
WA204U (Rohm DA204U)	20	100	SD103AW	40	350
MMBD4448W	100	250	SD103BW	30	350
SOT-523			SD103CW	20	350
Part No.	V	mA	SOD-323		
BAS16T	85	150	Part No.	V	mA
BAV70T	85	75	WSD551H (Rohm RB551V-30)	20	500
BAV99T	85	75	WSD751H (Rohm RB751V-40)	30	30
BAW56T	85	75	WSD500H (Rohm RB500V-40)	40	100
MMBD4448HT A/C/S	80	500	WSD501H (Rohm RB501V-40)	40	100
SOT-363			BAS70WS	70	70
Part No.	V	mA	BAT54H	30	200
MMBD4448HADW	100	250	BAT42WS	30	200
MMBD4448HAQW	100	250	BAT43WS	30	200
MMBD4448HSDW	100	250	BAS40WS	40	200
MMBD4448HCDW	100	250	WSD723H	30	300
MMBD4448HTW	100	250	SOT-363 / Multi-Chip		
SOT-363 / Multi-Chip			Part No.	V	mA
Part No.	V	mA	SD103AWS	40	350
BAV99DW	75	2000	SD103BWS	30	350
BAV70DW	75	2000	SD103CWS	20	350
BAW56DW	75	2000	BAT60B	10	3000
BAV756DW	75	2000	MSCD304	40	3000
BAV99BRW	75	2000	1SS357	40	100
BAW567DW	75	2000	B120WS	20	1000
BAS16TDW	75	150	B140WS	40	1000
			B160WS	60	1000

SCHOTTKY DIODE

SMD SMALL SIGNAL SCHOTTKY DIODES			SMD SCHOTTKY RECTIFIERS		
SOD-523			SMA		
Part No.	V	mA	Part No.	V	A
WSD751S (Rohm RB751S-40)	30	30	SK12A	20	1
WSD520S (Rohm RB520S-30)	30	200	SK14A	40	1
WSD521S (Rohm RB521S-30)	30	200	SK16A	60	1
SOD-723			SK110A	100	1
Part No.	V	mA	SK115A	150	1
WSD751G	40	30	SK120A	200	1
WSD521G (Rohm RB521G-30)	30	100			
WSD520G	30	100	SK22A	20	2
SC-59			SK24A	40	2
Part No.	V	mA	SK26A	60	2
WSD495 (Rohm RB495D)	25	400	SK210A	100	2
WSD411 (Rohm RB411D)	20	500	SK215A	150	2
WSD400 (Rohm RB400D)	40	500	SK220A	200	2
WSD491 (Rohm RB491D)	20	1000			
WSD490	40	1000	SK32A	20	3
SOT-23			SK34A / SK34S	40	3
Part No.	V	mA	SK36A	60	3
WSD705 (Rohm RB705D)	40	30	SK310A	100	3
WSD706 (Rohm RB706D-40)	40	30	SK315A	150	3
WSD420 (Rohm RB420D)	40	100	SK320A	200	3
WSD421 (Rohm RB421D)	40	100			
WSD425 (Rohm RB425D)	40	100	SK52A	20	5
BAT54	30	200	SK54A	40	5
BAT54S	30	200	SK56A	60	5
BAT54C	30	200	SK510A	100	5
BAT54A	30	200	SK515A	150	5
BAS40	40	200	SK520A	200	5
BAS40-04	40	200			
BAS40-05	40	200	SMB		
BAS40-06	40	200	Part No.	V	A
BAS70	70	200	SK22B	20	2
BAS70-04	70	200	SK24B	40	2
BAS70-05	70	200	SK26B	60	2
BAS70-06	70	200	SK210B	100	2
WBD301	30		SK215B	150	2
SOT-323			SK220B	200	2
Part No.	V	mA			
WSD715F (Rohm RB715F)	40	30	SK32B	20	3
WSD717F (Rohm RB717F)	40	30	SK34B	40	3
WSD706F (Rohm RB706F-40)	40	30	SK36B	60	3
WSD450F (Rohm RB450F)	40	100	SK310B	100	3
WSD451F (Rohm RB451F)	40	100	SK315B	150	3
BAT54W	30	200	SK320B	200	3
BAT54SW	30	200			
BAT54CW	30	200	SK52B	20	5
BAT54AW	30	200	SK54B	40	5
WSD461F (Rohm RB461F)	20	700	SK56B	60	5
BAS40W	40	200	SK510B	100	5
BAS40W-04	40	200	SK515B	150	5
BAS40W-05	40	200	SK520B	200	5
BAS40W-06	40	200			
BAS70W	70	70	SMC		
BAS70W-04	70	70	Part No.	V	A
BAS70W-05	70	70	SK32C	20	3
BAS70W-06	70	70	SK34C	40	3
SOT-523			SK36C	60	3
Part No.	V	mA	SK310C	100	3
BAS40T	40	200	SK315C	150	3
BAS40T-04T	40	200	SK320C	200	3
BAS40T-05T	40	200			
BAS40T-06T	40	200	SK52C	20	5
BAT54T	30	200	SK54C	40	5
BAT54AT	30	200	SK56C	60	5
BAT54CT	30	200	SK510C	100	5
BAT54ST	30	200	SK515C	150	5
WSD715W	40	30	SK520C	200	5

RECTIFIERS

SMD LOW VF SCHOTTKY RECTIFIERS			DIP SCHOTTKY RECTIFIERS		
SOD-123			DO-41		
Part No.	V	A	Part No.	V	A
B0520LW ~ B0540LW	20~40	0.5	1N5817	20	1
B120LW ~ B160LW	20~60	1	1N5818	30	1
B240LW	40	2	1N5819	40	1
SOD-323			DO-201AD		
Part No.	V	A	Part No.	V	A
B0520LWS ~ B0540LWS	20~40	0.5	1N5820	20	3
B120LWS ~ B160LWS	20~60	1	1N5821	30	3
			1N5822	40	3
SMA			SMD GENERAL PURPOSE RECTIFIERS		
Part No.	V	A	SOD-123		
SL12A ~ SL14A	20~40	1	Part No.	V	A
SL22A ~ SL26A	20~60	2	GF1AS	50	1
SL32A ~ SL34A	20~40	3	GF1BS	100	1
SMB			GF1DS	200	1
Part No.	V	A	GF1GS	400	1
SL22B ~ SL24B	20~40	2	GF1JS	600	1
SL32B ~ SL34B	20~40	3	GF1KS	800	1
			GF1MS	1000	1
SMD SUPER LOW VF SCHOTTKY			SMA		
SOD-123			Part No.	V	A
Part No.	V	A	M1	50	1
B0520LLW ~ B0530LLW	20~30	0.5	M2	100	1
B120LW ~ B130LW	20~30	1	M3	200	1
SOD-323			M4	400	1
Part No.	V	A	M5	600	1
B0520LLWS ~ B0530LLWS	20~30	0.5	M6	800	1
B120LLWS ~ B130LLWS	20~30	1	M7	1000	1
SMA			SMB		
Part No.	V	A	Part No.	V	A
SLL12A ~ SLL14A	20~40	1	S2A	50	2
SLL22A ~ SLL24A	20~40	2	S2B	100	2
SLL32A ~ SLL34A	20~40	3	S2D	200	2
SMB			S2G	400	2
Part No.	V	A	S2J	600	2
SLL22B ~ SLL24B	20~40	2	S2K	800	2
SLL32B ~ SLL34B	20~40	3	S2M	1000	2
DIP SCHOTTKY RECTIFIERS			SMC		
TO-220AB			Part No.	V	A
Part No.	V	A	S3A	50	3
MBR1020CT	20	10	S3B	100	3
MBR1030CT	30	10	S3D	200	3
MBR1040CT	40	10	S3G	400	3
MBR1050CT	50	10	S3J	600	3
MBR1060CT	60	10	S3K	800	3
MBR1080CT	80	10	S3M	1000	3
MBR10100CT	100	10			
MBR10150CT	150	10			
MBR10200CT	200	10			
			SMD FAST RECOVERY RECTIFIERS		
			SOD-123		
MBR2020CT	20	20	Part No.	V	A
MBR2030CT	30	20	FF1AS	50	1
MBR2040CT	40	20	FF1BS	100	1
MBR2050CT	50	20	FF1DS	200	1
MBR2060CT	60	20	FF1GS	400	1
MBR2080CT	80	20	FF1JS	600	1
MBR20100CT	100	20	FF1KS	800	1
MBR20150CT	150	20	FF1MS	1000	1
MBR20200CT	200	20			
			SMA		
MBR3020CT	20	30	Part No.	V	A
MBR3030CT	30	30	RS1A	50	1
MBR3040CT	40	30	RS1B	100	1
MBR3050CT	50	30	RS1D	200	1
MBR3060CT	60	30	RS1G	400	1
MBR3080CT	80	30	RS1J	600	1
MBR30100CT	100	30	RS1K	800	1
MBR30150CT	150	30	RS1M	1000	1

RECTIFIERS

SMD FAST RECOVERY RECTIFIERS			SMD SUPERFAST RECOVERY RECTIFIERS		
SMB			SMA		
Part No.	V	A	Part No.	V	A
FR2A	50	2	ES1A	50	1
FR2B	100	2	ES1B	100	1
FR2D	200	2	ES1C	150	1
FR2G	400	2	ES1D	200	1
FR2J	600	2	ES1E	300	1
FR2K	800	2	ES1G	400	1
FR2M	1000	2	ES1J	600	1
SMC			SMB		
Part No.	V	A	Part No.	V	A
FR3A	50	3	ES2A	50	2
FR3B	100	3	ES2B	100	2
FR3D	200	3	ES2C	150	2
FR3G	400	3	ES2D	200	2
FR3J	600	3	ES2E	300	2
FR3K	800	3	ES2G	400	2
FR3M	1000	3	ES2J	600	2
SMD ULTRAFAST RECOVERY RECTIFIERS			SMC		
SOD-123			Part No.	V	A
Part No.	V	A	ES3A	50	3
UF1AS	50	1	ES3B	100	3
UF1BS	100	1	ES3C	150	3
UF1DS	200	1	ES3D	200	3
UF1GS	400	1	ES3E	300	3
UF1JS	600	1	ES3G	400	3
UF1KS	800	1	ES3J	600	3
UF1MS	1000	1			
SMA			DIP GENERAL PURPOSE RECTIFIERS		
DO-41			Part No.	V	A
Part No.	V	A	1N4001(G)	50	1
US1A / US2A	50	1 / 2	1N4002(G)	100	1
US1B / US2B	100	1 / 2	1N4003(G)	200	1
US1D / US2D	200	1 / 2	1N4004(G)	400	1
US1G / US2G	400	1 / 2	1N4005(G)	600	1
US1J / US2J	600	1 / 2	1N4006(G)	800	1
US1K / US2K	800	1 / 2	1N4007(G)	1000	1
US1M / US2M	1000	1 / 2			
SMB			DO-15		
Part No.	V	A	Part No.	V	A
UF2A	50	2	PS200	50	2
UF2B	100	2	PS201	100	2
UF2D	200	2	PS202	200	2
UF2G	400	2	PS204	400	2
UF2J	600	2	PS206	600	2
UF2K	800	2	PS208	800	2
UF2M	1000	2	PS20100	1000	2
SMC			DO-201AD		
Part No.	V	A	Part No.	V	A
UF3A	50	3	1N5400(G)	50	3
UF3B	100	3	1N5401(G)	100	3
UF3D	200	3	1N5402(G)	200	3
UF3G	400	3	1N5403(G)	300	3
UF3J	600	3	1N5404(G)	400	3
UF3K	800	3	1N5405(G)	500	3
UF3M	1000	3	1N5406(G)	600	3
			1N5407(G)	800	3
			1N5408(G)	1000	3

RECTIFIERS

DIP FAST RECOVERY RECTIFIERS			DIP ULTRAFAST RECOVERY RECTIFIERS		
DO-41			DO-201AD		
Part No.	V	A	Part No.	V	A
FR101(G)	50	1	UF300(G)	50	3
FR102(G)	100	1	UF301(G)	100	3
FR103(G)	200	1	UF302(G)	200	3
FR104(G)	400	1	UF304(G)	400	3
FR105(G)	600	1	UF306(G)	600	3
FR106(G)	800	1	UF308(G)	800	3
FR107(G)	1000	1	UF3010(G)	1000	3
DO-15			DIP SUPERFAST RECOVERY RECTIFIERS		
Part No.	V	A	DO-41		
Part No.	V	A	Part No.	V	A
FR151(G)	50	1.5	SF11(G)	50	1
FR152(G)	100	1.5	SF12(G)	100	1
FR153(G)	200	1.5	SF13(G)	150	1
FR154(G)	400	1.5	SF14(G)	200	1
FR155(G)	600	1.5	SF15(G)	300	1
FR156(G)	800	1.5	SF16(G)	400	1
FR157(G)	1000	1.5	SF17(G)	600	1
FR201(G)	50	2	DO-15		
FR202(G)	100	2	Part No.	V	A
FR203(G)	200	2	SF21(G)	50	2
FR204(G)	400	2	SF22(G)	100	2
FR205(G)	600	2	SF23(G)	150	2
FR206(G)	800	2	SF24(G)	200	2
FR207(G)	1000	2	SF25(G)	300	2
DO-201AD			SF26(G)	400	2
Part No.	V	A	SF27(G)	600	2
FR301(G)	50	3	DO-201AD		
FR302(G)	100	3	Part No.	V	A
FR303(G)	200	3	SF31(G)	50	3
FR304(G)	400	3	SF32(G)	100	3
FR305(G)	600	3	SF33(G)	150	3
FR306(G)	800	3	SF34(G)	200	3
FR307(G)	1000	3	SF35(G)	300	3
DIP ULTRAFAST RECOVERY RECTIFIERS			SF36(G)	400	3
DO-41			SF37(G)	600	3
Part No.	V	A	SMD BRIDGE RECTIFIERS		
UF100(G)	50	1	MDI		
UF101(G)	100	1	Part No.	V	A
UF102(G)	200	1	B1S	100	0.8
UF104(G)	400	1	B2S	200	0.8
UF106(G)	600	1	B4S	400	0.8
UF108(G)	800	1	B6S	600	0.8
UF1010(G)	1000	1	B8S	800	0.8
DO-15			B10S	1000	0.8
Part No.	V	A	ABS		
UF150(G)	50	1.5	Part No.	V	A
UF151(G)	100	1.5	ABS05	50	1
UF152(G)	200	1.5	ABS1	100	1
UF154(G)	400	1.5	ABS2	200	1
UF156(G)	600	1.5	ABS4	400	1
UF158(G)	800	1.5	ABS6	600	1
UF1510(G)	1000	1.5	ABS8	800	1
DO-15			ABS10	1000	1
Part No.	V	A			
UF200(G)	50	2			
UF201(G)	100	2			
UF202(G)	200	2			
UF204(G)	400	2			
UF206(G)	600	2			
UF208(G)	800	2			
UF2010(G)	1000	2			

BRIDGE RECTIFIERS

SMD BRIDGE RECTIFIERS			DIP BRIDGE RECTIFIERS		
SDIP			GBJ		
Part No.	V	A	Part No.	V	A
DB101S	50	1	GBJ6005	50	6
DB102S	100	1	GBJ601	100	6
DB103S	200	1	GBJ602	200	6
DB104S	400	1	GBJ604	400	6
DB105S	600	1	GBJ606	600	6
DB106S	800	1	GBJ608	800	6
DB107S	1000	1	GBJ610	1000	6
DB151S	50	1.5	GBJ8005	50	8
DB152S	100	1.5	GBJ801	100	8
DB153S	200	1.5	GBJ802	200	8
DB154S	400	1.5	GBJ804	400	8
DB155S	600	1.5	GBJ806	600	8
DB156S	800	1.5	GBJ808	800	8
DB157S	1000	1.5	GBJ810	1000	8
DIP BRIDGE RECTIFIERS			GBJ10005	50	10
DIP			GBJ1001	100	10
Part No.	V	A	GBJ1002	200	10
DB101	50	1	GBJ1004	400	10
DB102	100	1	GBJ1006	600	10
DB103	200	1	GBJ1008	800	10
DB104	400	1	GBJ1010	1000	10
DB105	600	1			
DB106	800	1	GBJ15005	50	15
DB107	1000	1	GBJ1501	100	15
			GBJ1502	200	15
DB151	50	1.5	GBJ1504	400	15
DB152	100	1.5	GBJ1506	600	15
DB153	200	1.5	GBJ1508	800	15
DB154	400	1.5	GBJ1510	1000	15
DB155	600	1.5			
DB156	800	1.5	GBJ20005	50	20
DB157	1000	1.5	GBJ2001	100	20
			GBJ2002	200	20
KBPM			GBJ2004	400	20
Part No.	V	A	GBJ2006	600	20
KBP005M	50	1.5	GBJ2008	800	20
KBP01M	100	1.5	GBJ2010	1000	20
KBP02M	200	1.5			
KBP04M	400	1.5			
KBP06M	600	1.5	GBJ25005	50	25
KBP08M	800	1.5	GBJ2501	100	25
KBP10M	1000	1.5	GBJ2502	200	25
			GBJ2504	400	25
2KBP005M	50	2	GBJ2506	600	25
2KBP01M	100	2	GBJ2508	800	25
2KBP02M	200	2	GBJ2510	1000	25
2KBP04M	400	2			
2KBP06M	600	2			
2KBP08M	800	2			
2KBP10M	1000	2			
GBL					
Part No.	V	A			
GBL005	50	4			
GBL01	100	4			
GBL02	200	4			
GBL04	400	4			
GBL06	600	4			
GBL08	800	4			
GBL10	1000	4			

TRANSISTORS

NPN DIGITAL TRANSISTORS			PNP SMALL SIGNAL TRANSISTORS		
SC-89			SOT-23		
Part No.	VCEO	IC(mA)	Part No.	VCEO	IC(mA)
DTC114EE (R1:10KΩ R2:10KΩ)	50	100	2SA1036K	-32	-500
DTC124EE (R1:22KΩ R2:22KΩ)	50	100	2SA1037AK	-50	-150
DTC144EE (R1:47KΩ R2:47KΩ)	50	100	2SA812	-50	-100
DTC114YE (R1:10KΩ R2:47KΩ)	50	100	2SB1197	-32	-800
DTC114TE (R1:10KΩ R2:∞)	50	100	A1015LT1	-50	-150
DTC143TE (R1:4.7KΩ R2:∞)	50	100	A733LT1	-50	-100
DTC123EE (R1:2.2KΩ R2:2.2KΩ)	50	100	BC807-16	-45	-500
DTC143EE (R1:4.7KΩ R2:4.7KΩ)	50	100	BC807-25	-45	-500
DTC143ZE (R1:4.7KΩ R2:47KΩ)	50	100	BC807-40	-45	-500
DTC124XE (R1:22KΩ R2:47KΩ)	50	100	BC808	-25	-800
DTC123JE (R1:2.2KΩ R2:47KΩ)	50	100	BC856A	-65	-100
DTC115EE (R1:100KΩ R2:100KΩ)	50	100	BC856B	-65	-100
DTC144WE (R1:47KΩ R2:22KΩ)	50	100	BC857A	-45	-100
			BC857B	-45	-100
			BC858A	-30	-100
			BC858B	-30	-100
			BC858C	-30	-100
SOT-23					
Part No.	VCEO	IC(mA)			
MMUN2211 (R1:10KΩ R2:10KΩ)	50	100	FMMT591	-60	-1000
MMUN2212 (R1:22KΩ R2:22KΩ)	50	100	KTA1298	-30	-800
MMUN2213 (R1:47KΩ R2:47KΩ)	50	100	KTA1504	-50	-150
MMUN2214 (R1:10KΩ R2:47KΩ)	50	100	KTA1505	-30	-500
MMUN2215 (R1:10KΩ R2:∞)	50	100	MMBT2907	-40	-600
MMUN2216 (R1:4.7KΩ R2:∞)	50	100	MMBT2907A	-60	-600
MMUN2230 (R1:10KΩ R2:1.0KΩ)	50	100	MMBT3906	-40	-200
MMUN2231 (R1:2.2KΩ R2:2.2KΩ)	50	100	MMBT4403	-40	-600
MMUN2232 (R1:4.7KΩ R2:4.7KΩ)	50	100	MMBT5401	-150	-500
MMUN2233 (R1:4.7KΩ R2:47KΩ)	50	100	MMBTA55	-60	-500
MMUN2234 (R1:22KΩ R2:47KΩ)	50	100	MMBTA56	-80	-500
MMUN2235 (R1:2.2KΩ R2:47KΩ)	50	100	MMBTA63	-30	-500
MMUN2238 (R1:2.2KΩ R2:∞)	50	100	MMBTA64	-30	-500
MMUN2241 (R1:100KΩ R2:∞)	50	100	MMBTA92	-300	-500
DTC143ECA (R1:4.7KΩ R2:4.7KΩ)	50	100	MMBTA94	-400	-300
DTD123Y (R1:2.2KΩ R2:10KΩ)	50	100	MSB709	-45	-100
			S9012LT1	-25	-500
			S9015LT1	-45	-100
			SS8550LT1	-25	-1500
SOT-323					
Part No.	VCEO	IC(mA)			
MUN5211 (R1:10KΩ R2:10KΩ)	50	100			
MUN5212 (R1:22KΩ R2:22KΩ)	50	100			
MUN5213 (R1:47KΩ R2:47KΩ)	50	100			
MUN5214 (R1:10KΩ R2:47KΩ)	50	100			
MUN5215 (R1:10KΩ R2:∞)	50	100			
MUN5216 (R1:4.7KΩ R2:∞)	50	100			
MUN5230 (R1:1.0KΩ R2:1.0KΩ)	50	100			
MUN5231 (R1:2.2KΩ R2:2.2KΩ)	50	100			
MUN5232 (R1:4.7KΩ R2:4.7KΩ)	50	100			
MUN5233 (R1:4.7KΩ R2:47KΩ)	50	100			
MUN5234 (R1:22KΩ R2:47KΩ)	50	100			
MUN5235 (R1:2.2KΩ R2:47KΩ)	50	100			
MUN5236 (R1:100KΩ R2:100KΩ)	50	100			
MUN5237 (R1:47KΩ R2:22KΩ)	50	100			
SOT-723					
Part No.	VCEO	IC(mA)			
DTC114EM (R1:10KΩ R2:10KΩ)	50	100			
DTC124EM (R1:22KΩ R2:22KΩ)	50	100			
DTC144EM (R1:47KΩ R2:47KΩ)	50	100			
DTC114YM (R1:10KΩ R2:47KΩ)	50	100			
DTC114TM (R1:10KΩ R2:∞)	50	100			
DTC143TM (R1:4.7KΩ R2:∞)	50	100			
DTC123EM (R1:2.2KΩ R2:2.2KΩ)	50	100			
DTC143EM (R1:4.7KΩ R2:4.7KΩ)	50	100			
DTC143ZM (R1:4.7KΩ R2:47KΩ)	50	100			
DTC124XM (R1:22KΩ R2:47KΩ)	50	100			
DTC123JM (R1:2.2KΩ R2:47KΩ)	50	100			
DTC115EM (R1:100KΩ R2:100KΩ)	50	100			
DTC144WM (R1:47KΩ R2:22KΩ)	50	100			
DTC144TM (R1:47KΩ R2:∞)	50	100			

TRANSISTORS

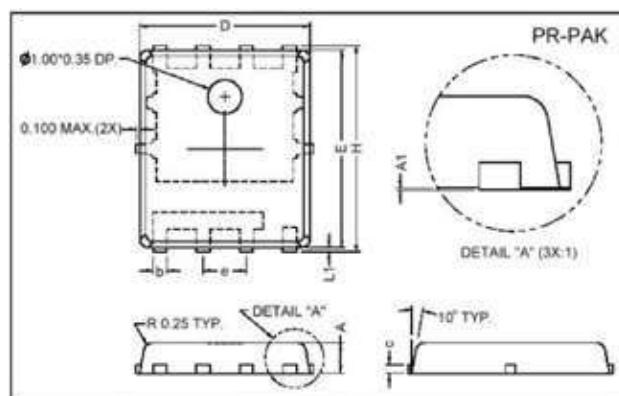
PNP SMALL SIGNAL TRANSISTORS				PNP DIGITAL TRANSISTORS			
SOT-723				SOT-23			
Part No.	VCEO	IC(mA)		Part No.	VCEO	IC(mA)	
2SA2030	-12	-500		MMUN2111 (R1:10KΩ R2:10KΩ)	-50	-100	
				MMUN2112 (R1:22KΩ R2:22KΩ)	-50	-100	
				MMUN2113 (R1:47KΩ R2:47KΩ)	-50	-100	
SC-59				MMUN2114 (R1:10KΩ R2:47KΩ)	-50	-100	
Part No.	VCEO	IC(mA)		MMUN2115 (R1:10KΩ R2:∞)	-50	-100	
2SB624	-30	-700		MMUN2116 (R1:4.7KΩ R2:∞)	-50	-100	
2SB1197K	-32	-800		MMUN2130 (R1:1.0KΩ R2:1.0KΩ)	-50	-100	
				MMUN2131 (R1:2.2KΩ R2:2.2KΩ)	-50	-100	
				MMUN2132 (R1:4.7KΩ R2:4.7KΩ)	-50	-100	
SC-89				MMUN2133 (R1:4.7KΩ R2:47KΩ)	-50	-100	
Part No.	VCEO	IC(mA)		MMUN2134 (R1:22KΩ R2:47KΩ)	-50	-100	
2SA1774	-50	-150		SOT-323			
				Part No.	VCEO	IC(mA)	
				MUN5111 (R1:10KΩ R2:10KΩ)	-50	-100	
SOT-89				MUN5112 (R1:22KΩ R2:22KΩ)	-50	-100	
Part No.	VCEO	IC(mA)		MUN5113 (R1:47KΩ R2:47KΩ)	-50	-100	
KM1188	-32	-2000		MUN5114 (R1:10KΩ R2:47KΩ)	-50	-100	
KM1213	-50	-2000		MUN5115 (R1:10KΩ R2:∞)	-50	-100	
KM1386	-20	-5000		MUN5116 (R1:4.7KΩ R2:∞)	-50	-100	
KM2907A	-60	-600		MUN5130 (R1:1.0KΩ R2:1.0KΩ)	-50	-100	
KM5401	-150	-600		MUN5131 (R1:2.2KΩ R2:2.2KΩ)	-50	-100	
KM772	-30	-3000		MUN5132 (R1:4.7KΩ R2:4.7KΩ)	-50	-100	
KMBCX53	-80	-1000		MUN5133 (R1:4.7KΩ R2:47KΩ)	-50	-100	
				MUN5134 (R1:22KΩ R2:47KΩ)	-50	-100	
TO-252				MUN5135 (R1:2.2KΩ R2:47KΩ)	-50	-100	
Part No.	VCEO	IC(A)		MUN5136 (R1:100KΩ R2:100KΩ)	-50	-100	
KJ1386	-20	-5		MUN5137 (R1:47KΩ R2:22KΩ)	-50	-100	
KJ1952	-60	-5		SOT-723			
KJ772	-30	-3		Part No.	VCEO	IC(mA)	
				DTA114EM (R1:10KΩ R2:10KΩ)	-50	-100	
				DTA124EM (R1:22KΩ R2:22KΩ)	-50	-100	
				DTA144EM (R1:47KΩ R2:47KΩ)	-50	-100	
PNP DIGITAL TRANSISTORS				DTA114YM (R1:10KΩ R2:47KΩ)	-50	-100	
SOT-89				DTA114TM (R1:10KΩ R2:∞)	-50	-100	
Part No.	VCEO	IC(mA)		DTA143TM (R1:4.7KΩ R2:∞)	-50	-100	
DTA114EE (R1:10KΩ R2:10KΩ)	-50	-100		DTA123EM (R1:2.2KΩ R2:2.2KΩ)	-50	-100	
DTA124EE (R1:22KΩ R2:22KΩ)	-50	-100		DTA143EM (R1:4.7KΩ R2:4.7KΩ)	-50	-100	
DTA144EE (R1:47KΩ R2:47KΩ)	-50	-100		DTA143ZM (R1:4.7KΩ R2:47KΩ)	-50	-100	
DTA114YE (R1:10KΩ R2:47KΩ)	-50	-100		DTA124XM (R1:22KΩ R2:47KΩ)	-50	-100	
DTA114TE (R1:10KΩ R2:∞)	-50	-100		DTA123JM (R1:2.2KΩ R2:47KΩ)	-50	-100	
DTA143TE (R1:4.7KΩ R2:∞)	-50	-100		DTA115EM (R1:100KΩ R2:100KΩ)	-50	-100	
DTA123EE (R1:2.2KΩ R2:2.2KΩ)	-50	-100		DTA144WM (R1:47KΩ R2:22KΩ)	-50	-100	
DTA143EE (R1:4.7KΩ R2:4.7KΩ)	-50	-100		NPN / PNP SMALL SIGNAL TRANSISTORS			
DTA143ZE (R1:4.7KΩ R2:47KΩ)	-50	-100		SOT-363			
DTA124XE (R1:22KΩ R2:47KΩ)	-50	-100		Part No.	VCEO	IC(mA)	
DTA123JE (R1:2.2KΩ R2:47KΩ)	-50	-100		MBT3946DW	40	200	
DTA115EE (R1:100KΩ R2:100KΩ)	-50	-100		W4601DW	50	150	
DTA144WE (R1:47KΩ R2:47KΩ)	-50	-100		BC846BPDW	65	100	
				BC847BPDW	45	100	
				BC848BPDW	30	100	
				MMDT2227DW	40/60	600	
NPN / NPN SMALL SIGNAL TRANSISTORS				SOT-363			
SOT-363				Part No.	VCEO	IC(mA)	
				MBT3904DW	40	200	
				MBT2222ADW	40	600	
				BC846BDW	65	100	
				BC847BDW	45	100	
				BC848BDW	30	100	
				W4501DW	50	150	
				BC847S	45	200	
PNP / PNP SMALL SIGNAL TRANSISTORS				SOT-363			
SOT-363				Part No.	VCEO	IC(mA)	
				MBT3906DW	40	200	
				MBT2907ADW	60	600	
BC857BDW	45	100		W4401DW	50	150	
BC858BDW	30	100		BC856BDW	65	100	

POWER MOSFETS

POWER MOSFETS			POWER MOSFETS		
SOT-23			TSOP-6		
N-CHANNEL			DUAL P-CHANNEL		
Part No.	VDSS	ID(A)	Part No.	VDSS	ID(A)
K2302	20	3.2	KTT6801	-30	-2.3
K2302S	20	2.5	KTT4443	-30	-2.3
K2306A	30	5	COMPLEMENTARY N-P CHANNEL		
K3400	30	5.8	Part No.	VDSS	ID(A)
K5402	30	4	KTT3585	20	3.5
K5406	30	3.6		-20	-2.5
K3402	30	4.2		30	3.4
K2310A	60	3	KTT6601	-30	-2.3
K2328	100	1.5	KTT6602	30	3.3
K2328S	100	1.2		-30	-2.3
K2325	250	0.38	KT6604S	20	3.6
2N7002	60	0.115		-20	-3.0
2N7002E	60	0.115	SOT-89		
BSS123	100	0.17	N-CHANNEL		
BSS138	50	0.2	Part No.	VDSS	ID(A)
			KM0410S	100	2.2
			KM0410S	100	3.5
P-CHANNEL					
Part No.	VDSS	ID(A)	P-CHANNEL		
K2301S	-20	-2	Part No.	VDSS	ID(A)
K2301	-20	-2.6	KM2305A	-30	-3.2
K2305	-20	-4.2			
K5403	-30	-2.6			
K2305A	-30	-3.2	SOT-223		
K3401	-30	-4.2	N-CHANNEL		
K5409	-30	-2.6	Part No.	VDSS	ID(A)
K3403	-30	-3.7	KL9971	60	5
K3407	-30	-4.1		100	3.5
K2329S	-100	-1.2	KL0410	100	3
			KL0410S	200	1.9
			KL0220	250	0.9
			KL2625		
SOT-323					
N-CHANNEL					
Part No.	VDSS	ID(A)			
KS7400	30	2.5			
2N7002W	60	0.115			
BSS138W	50	0.2	P-CHANNEL		
2N7002EW	60	0.115	Part No.	VDSS	ID(A)
SRK7002W	60	0.115	KL9575	-60	-4
				-100	-1.5
			KL0411S		
P-CHANNEL					
Part No.	VDSS	ID(A)	SOP-8		
KS7401	-30	-2	N-CHANNEL		
BSS84W	-50	-0.13	Part No.	VDSS	ID(A)
			KSC4404	30	8.5
			KSC6618	30	7
TSOP-6			KSC6680	30	11.5
N-CHANNEL			KSC9914	40	7
Part No.	VDSS	ID(A)	KSC9475	60	6.9
			KSC0410	100	3.8
KTT2604	30	5.5			
KTT3434	30	6.1			
			DUAL N-CHANNEL		
			Part No.	VDSS	ID(A)
DUAL N-CHANNEL			KSS9946	30	5
Part No.	VDSS	ID(A)	KSS4228	30	6.8
KTT6800	30	3.4	KSS4224	30	10
KTT6802E	30	3.3	KSS9904	40	2.5
			KSS9971	60	5
P-CHANNEL					
Part No.	VDSS	ID(A)	TO-251		
KTT2605	-30	-4	N-CHANNEL		
			Part No.	VDSS	ID(A)
			KI05N10	100	5
			KI03N65	650	3
			KI04N65	650	4

POWER MOSFETS

POWER MOSFETS			POWER MOSFETS		
SOP-8			PR-PAK		
COMPLEMENTARY N-P CHANNEL			N-CHANNEL		
Part No.	VDSS	ID(A)	Part No.	VDSS	ID(A)
KSS5509A	30	6.1	KPR6506N03	30	65
	-30	-4.8	KPR1084N03	30	108
KSS4501	30	7	KPR12N10	100	12
	-30	-5.3	KPR22N10	100	22
KSS4503	30	6.9	KPR45N10	100	45
	-30	-6.3			
KSS4504	40	7	PR-PAK		
	-40	-6.5	P-CHANNEL		
KSS4510	100	3	Part No.	VDSS	ID(A)
	-100	-2.5	KPR5P06	60	5
KSS4511	100	2.5			
	-100	-2.5			
P-CHANNEL			SPR-PAK		
Part No.	VDSS	ID(A)	Part No.	VDSS	ID(A)
KSC4403	-30	-6.1	KSPR7N10	100	7.5
KSC9435	-30	-5.3	KSPR18N10	100	18
KSC9435BDY	-30	-5.3			
KSC4435	-30	-8			
KSC9915	-60	-6.5			
KSC9575	-60	-4			
DUAL P-CHANNEL					
Part No.	VDSS	ID(A)			
KSS4801	-30	-5			
KSS4953	-30	-5			
KSS9905	-40	-6.5			
TO-252					
N-CHANNEL					
Part No.	VDSS	ID(A)			
KJ3055	30	15			
KJ408	30	18			
KJ95N03	30	96			
KJ9964	40	23			
KJ9971	60	25			
KJ9973	60	14			
KJ2504	100	5			
KJ2504S	100	5.4			
KJ15N10	100	15			
KJ25N10	100	25			
KJ50N10	100	50			
KJ2508	250	3.3			
KJ02N65	650	2			
KJ03N65	650	3			
KJ04N65	650	4			
P-CHANNEL					
Part No.	VDSS	ID(A)			
KJ9435	-30	-20			
KJ405	-30	-18			
KJ6679	-30	-75			
KJ9965	-40	-23			
KJ9575	-60	-15			
KJ2505S	-100	-5			
KJ12P10	-100	-12			
TO-263					
N-CHANNEL					
Part No.	VDSS	ID(A)			
KU50N10	100	54			



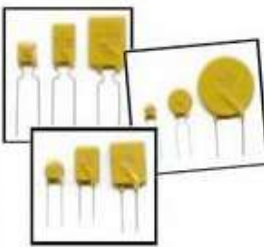
HV Power MOSFET

Part No	Type	VDSS	Current	RDS(ON) 50% ID (Ω)Max.	RDS(ON) 50% ID (Ω)Typ.	Package
		V	A			
KPM01N651D	N	650	1	11	9.35	TO-252
KPM02N651D	N	650	2	5.5	4.7	TO-252
KPM04N651D	N	650	3.5	3.5	3.2	TO-252
KPM01N601D	N	600	1	12	8.5	TO-252
KPM02N601D	N	600	2	4.4	4	TO-252
KPM03N601D	N	600	3	4	3.4	TO-252
KPM04N601D	N	600	4.5	2.5	2.4	TO-252
KPM04N602D	N	600	4	3	2.6	TO-252
KPM01N651D1	N	650	1	12	9.5	TO-251
KPM02N651D1	N	650	2	5	4.6	TO-251
KPM04N651D1	N	650	4	3.5	3	TO-251
KPM01N601D1	N	600	1	12	8.5	TO-251
KPM02N601D1	N	600	2	5	4	TO-251
KPM04N602D1	N	600	4	3	2.6	TO-251
KPM01N501D1	N	500	1.2	5.6	4.48	TO-251
KPM02N401D1	N	400	2.5	4	3.4	TO-251
KPM03N801PF	N	800	3	4.5	3.5	TO-220F
KPM06N801PF	N	800	6	1.65	1.5	TO-220F
KPM08N701PF	N	700	8	0.9	0.75	TO-220F
KPM01N651PF	N	650	1	12	9.5	TO-220F
KPM02N651PF	N	650	2	5.5	4.7	TO-220F
KPM03N651PF	N	650	3	4.5	3.8	TO-220F
KPM04N651PF	N	650	4	3.5	3	TO-220F
KPM04N652PF	N	650	4.5	2.8	2.4	TO-220F
KPM05N651PF	N	650	5.5	2.5	2.1	TO-220F
KPM06N651PF	N	650	6	1.5	1.28	TO-220F
KPM07N651PF	N	650	6.9	1.3	1.1	TO-220F
KPM07N652PF	N	650	7.4	1.2	1	TO-220F
KPM09N651PF	N	650	9		0.91	TO-220F
KPM10N651PF	N	650	10	0.9	0.77	TO-220F
KPM12N651PF	N	650	12	0.83	0.71	TO-220F
KPM14N651PF	N	650	14	0.65	0.55	TO-220F
KPM02N601PF	N	600	2	4.4	4	TO-220F
KPM03N601PF	N	600	3	4	3.4	TO-220F
KPM04N601PF	N	600	4.5	2.8	2.4	TO-220F
KPM04N602PF	N	600	4	3	2.6	TO-220F
KPM05N601PF	N	600	5.5	2	1.76	TO-220F
KPM06N601PF	N	600	6	1.1	1	TO-220F
KPM06N602PF	N	600	6	1.2	1	TO-220F
KPM07N601PF	N	600	6.9	1.1	0.9	TO-220F
KPM07N602PF	N	600	7.4	1	0.85	TO-220F
KPM10N601PF	N	600	10	0.75	0.6	TO-220F
KPM12N601PF	N	600	12	0.65	0.55	TO-220F
KPM14N600PF	N	600	14	0.55	0.5	TO-220F
KPM05N501PF	N	500	4.5	1.5	1.2	TO-220F
KPM08N501PF	N	500	8	0.85	0.72	TO-220F
KPM13N501PF	N	500	13	0.48	0.39	TO-220F
KPM15N501PF	N	500	15	0.4	0.34	TO-220F
KPM03N401PF	N	400	3.5	2.8	2.4	TO-220F
KPM04N401PF	N	400	4.5	2.2	1.9	TO-220F
KPM05N401PF	N	400	5.5	1	0.85	TO-220F
KPM10N401PF	N	400	10	0.55	0.49	TO-220F
KPM19N401PF	N	400	19	0.24	0.2	TO-220F

PPTC Resettable Fuse

(PTC Thermistor, Current Limiter, PTC VARIABLE RESISTER, Variable Resistance PTC Thermistor, Variable Resistor)

Radial Leaded (For Telecom & Electronic Equipment)

Product	Hold Current	Rated Voltage	Max. Current	Temperature Range	Application	RoHS 2002/95/EC	Lead Free
FRX	0.05A~3.75A	60V _{DC}	40A	-40°C to 85°C	Wide Variety of Electronic Equipment	 	
FRK	0.05A~5.00A	60V _{DC}	40A	-40°C to 85°C	Wide Variety of Electronic Equipment		
FRX90V	0.10A~3.75A	72V _{DC} ~90V _{DC}	40A	-40°C to 85°C	Wide Variety of Electronic Equipment		
FRU	0.90A~9.00A	30V _{DC}	40A	-40°C to 85°C	Wide Variety of Electronic Equipment		
FRT	0.50A~2.50A	36V _{DC}	40A	-40°C to 85°C	Wide Variety of Electronic Equipment		
FRG	2.50A~14.00A	16V _{DC}	100A	-40°C to 85°C	Wide Variety of Electronic Equipment		
FHT	0.50A~15.00A	16V _{DC} ~30V _{DC}	40A~100A	-40°C to 125°C	Wide Variety of Electronic Equipment		
FUSB	0.75A~2.50A	16V _{DC} ~30V _{DC}	40A	-40°C to 85°C	Low Voltage USB Equipment		
FBR	0.10A~0.90A	90V _{DC}	40A	-40°C to 85°C	Cable/Telephone Electronic		
FRH	0.08A~0.18A	100V/250V/600V _{DC}	3A~10A	-40°C to 85°C	Telecommunication and Net Work		
FRHV	0.08A~0.18A	100V/250V/600V _{DC}	3A~10A	-40°C to 85°C	Wide Variety of Electronic Equipment		
FRVL	0.10A~3.75A	120V _{AC/DC}	2A~20A	-40°C to 85°C	Line Voltage application		
FRA	0.10A~3.75A	120V _{AC/DC}	2A~15A	-40°C to 85°C	Wide Variety of Electronic Equipment		
FRV	0.05A~2.00A	240V _{AC/DC}	1A~20A	-40°C to 85°C	Line Voltage application		

Surface Mount (For High Density Board)

Product	Hold Current	Rated Voltage	Max. Current	Temperature Range	Application	RoHS 2002/95/EC	HF Halogen Free
FSMD2920	0.30A~3.00A	6V~60V _{DC}	10A~40A	-40°C to 85°C	All High-Density Board		
FSMD1812	0.10A~3.00A	6V~60V _{DC}	10A~100A	-40°C to 85°C	All High-Density Board		
FSMD1210	0.05A~1.50A	6V~60V _{DC}	10A~100A	-40°C to 85°C	All High-Density Board		
FSMD1206	0.05A~2.00A	6V~60V _{DC}	10A~100A	-40°C to 85°C	All High-Density Board		
FSMD0805	0.10A~1.00A	6V~15V _{DC}	40~100A	-40°C to 85°C	All High-Density Board		
FSMD0603	0.05A~0.20A	9V~15V _{DC}	40A	-40°C to 85°C	All High-Density Board		

PPTC Resettable Fuse

(PTC Thermistor, Current Limiter, PTC VARIABLE RESISTER, Variable Resistance PTC Thermistor, Variable Resistor)

Radial Leaded (For Telecom & Electronic Equipment)

Product	Hold Current	Rated Voltage	Max. Current	Temperature Range	Application	RoHS 2002/95/EC HF Halogen Free
FVT	1.10A~2.40A	16V _{DC}	100A	-40°C to 85°C	Rechargeable battery packs, Lithium cell and battery packs	
FVL	1.70A~2.30A	12V _{DC}	100A	-40°C to 85°C	Rechargeable battery packs, Lithium cell and battery packs	
FSR	1.20A~4.20A	15V _{DC} ~30V _{DC}	100A	-40°C to 85°C	Rechargeable battery packs	
FLR	1.90A~7.30A	15V _{DC} ~20V _{DC}	100A	-40°C to 85°C	Rechargeable battery packs	
FLT	0.70A~3.40A	24V _{DC}	100A	-40°C to 85°C	Rechargeable battery packs	

Lo Rho Surface Mount (For High Density Board)

Product	Hold Current	Rated Voltage	Max. Current	Temperature Range	Application	RoHS 2002/95/EC HF Halogen Free
Lo Rho FSMD1812	1.40A~3.70A	6V _{DC}	100A	-40°C to 85°C	All High-Density Board	
Lo Rho FSMD1210	1.75A~3.50A	6V _{DC}	100A	-40°C to 85°C	All High-Density Board	
Lo Rho FSMD1206	1.10A~2.00A	6V _{DC}	100A	-40°C to 85°C	All High-Density Board	
Lo Rho FSMD0805	0.75A~1.25A	6V _{DC}	100A	-40°C to 85°C	All High-Density Board	
Lo Rho FSMD0603	0.25A~0.75A	6V~9V _{DC}	100A	-40°C to 85°C	All High-Density Board	

Lo Rho Surface Mount (For Rechargeable Battery Packs)

Product	Hold Current	Rated Voltage	Max. Current	Temperature Range	Application	RoHS 2002/95/EC HF Halogen Free
FSL	1.40A~4.50A	6V _{DC}	50A	-40°C to 85°C	Rechargeable battery packs, Lithium cell and battery packs	



High Accuracy NTC Thermistors

Part number	Package	R25 (Ω)	Tolerance (%)
NTG Series	DO-35	1K~2M	1~10
NTGA Series	DO-41	1K~2M	1~10
NTGL Series	MELF LL-41	1K~2M	1~10
NTGM Series	Micro MELF	2K~1M	1~10
NTER2 Series	Epoxy encapsulated	1K~500K	1~10
NTGR1 Series	Glass sealed, radial lead	2K~1M	1~10
NTGR3 Series	Glass sealed, radial lead	2K~1M	1~10
NTGS Series	MiniMELF SOD-80	1K~2M	1~10
NTP Series Power Thermistor	Epoxy encapsulated	2.5~10000	10~25

Inductors

NAME	SHAPE	RANGE
Multilayer Ferrite Chip Beads	100505 (0402)	10 ~ 1000Ω
	160808 (0603)	5 ~ 3000Ω
	201209 (0805)	5 ~ 3000Ω
	321611 (1206)	19 ~ 2000Ω
	322513 (1210)	31 ~ 600Ω
	451616 (1806)	40 ~ 1000Ω
	453215 (1812)	40 ~ 2000Ω
Multilayer Ferrite Chip Inductors	100505 (0402)	1 ~ 120nH
	160808 (0603)	1 ~ 100nH
	201209 (0805)	1.5 ~ 100nH
	201212 (0805)	120 ~ 470nH
Multilayer Ferrite Chip Inductors	1608 (0603)	0.047 ~ 15uH
	2012 (0805)	0.047 ~ 47uH
	3216 (1206)	0.047 ~ 56uH
	3225 (1210)	0.1 ~ 120uH
	4532 (1812)	1 ~ 220uH



Coil Inductors

Part Code	L(Uh)	IDC(A)
T5026 Series	22	3.50
	33	2.60
	47	2.20
	68	1.90
	82	1.80
	100	1.50
	120	1.40
	150	0.20
	220	0.90
	330	0.84
	470	0.70
T4426 Series	22	2.50
	33	2.00
	47	1.80
	68	1.40
	82	1.30
	100	1.30
	120	1.10
	150	0.95
	220	0.90
	330	0.70

Pb Free Component



皇緯國際股份有限公司
於2011年通過ISO 9001 認證

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