




SURFACE MOUNT DEVICES FOR HYBRID APPLICATIONS

PLASTIC MATERIAL USED CARRIES UL 94V-0

TYPE	Marking	Maximum Peak Reverse Voltage	Maximum Average Rectified Current	Maximum Forward Peak Surge Current @ 1S	Maximum Reverse Current @ 25°C T _A		Maximum Forward Voltage @ 25°C T _A		Maximum Reverse Recovery Time			Outline NO.	Equivalent Circuit Diagram
		P _{RV}	I _O	I _{FM} (Surge)	I _R	V _R	I _{FM}	V _{FM}	T _{RR}	I _R	I _F		
		V _{PK}	mAAV	APK	uAdc	V	mAPK	V _{PK}	nS	mA	mA		

SMALL SIGNAL SCHOTTKY

CH025S-40PT	H	40	250	1	5	30	200	0.6	10	200	200	SC-79	
CH43H-30PT	SC	30	200	4(10mS)	0.5	25	200	1	5	10	10	SC-76	
CH035H-20PT	SU	20	350	1.5	5	20	200	0.6	10	200	200	SC-76	
CH035H-30PT	SV	30	350	1.5	5	30	200	0.6	10	200	200	SC-76	
CH035H-40PT	SW	40	350	1.5	5	40	200	0.6	10	200	200	SC-76	
CH015H-40PT	SX	40	15	2(10uS)	0.2	40	15	0.9	1	5	5	SC-76	
CH015H-50PT	SY	50	15	2(10uS)	0.2	50	15	0.95	1	5	5	SC-76	
CH015H-60PT	SZ	60	15	2(10uS)	0.2	60	15	1	1	5	5	SC-76	
CH157H-70PT	SA	70	15	2(1uS)	0.2	50	15	1	1	5	5	SC-76	
BAT43BPT	BT2	30	200	4(10mS)	0.5	25	200	1	5	10	10	SOD-123	
CH320BPT	BA6	20	350	1.5	5	20	200	0.6	1	200	200	SOD-123	
CH330BPT	BA7	30	350	1.5	5	30	200	0.6	1	200	200	SOD-123	
CH340BPT	BA8	40	350	1.5	5	40	200	0.6	1	200	200	SOD-123	
CH140BPT	BA3	40	15	2(10uS)	0.2	40	15	0.9	1	5	5	SOD-123	
CH150BPT	BA4	50	15	2(10uS)	0.2	50	15	0.95	1	5	5	SOD-123	
CH160BPT	BA5	60	15	2(10uS)	0.2	60	15	1	1	5	5	SOD-123	
CH156BPT	BA2	60	15	2(1uS)	0.2	50	15	1	1	5	5	SOD-123	
CH157BPT	BA1	70	15	2(1uS)	0.2	50	15	1	1	5	5	SOD-123	
BAT46BPT	BT3	100	75	0.75(10mS)	5	75	250	1	5	10	10	SOD-123	
LL320PT	-	20	350	1.5(10mS)	5	20	200	0.6	10	50	50	Mini-Melf	
LL330PT	-	30	350	1.5(10mS)	5	30	200	0.6	10	50	50	Mini-Melf	
LL340PT	-	40	350	1.5(10mS)	5	40	200	0.6	10	50	50	Mini-Melf	
LL140PT	-	40	15	2(10uS)	0.2	40	15	0.9	1	5	5	Mini-Melf	
LL150PT	-	50	15	2(10uS)	0.2	50	15	0.95	1	5	5	Mini-Melf	
LL160PT	-	60	15	2(10uS)	0.2	60	15	1	1	5	5	Mini-Melf	
BAT54M1PT	TS	30	200	0.6	2	25	100	1	5	10	10	FBPT-723	
BAT54TPT	TS	30	200	0.6	2	25	100	1	5	10	10	SC-75	
BAS40TPT	TO	40	200	0.6	0.2	30	40	1	5	10	10	SC-75	
BAS70TPT	TW	70	70	0.1	0.1	50	15	1	5	10	10	SC-75	
BAT54WPT	3G	30	200	0.6	2	25	100	1	5	10	10	SC-70	
BAS40WPT	ME	40	200	0.6	0.2	30	40	1	5	10	10	SC-70	
BAS70WPT	MA	70	70	0.1	0.1	50	15	1	5	10	10	SC-70	
BAS40PT	BA	40	200	0.6	0.2	30	40	1	5	10	10	SOT-23/SC-59	
BAS70PT	B1	70	70	0.1	0.1	50	15	1	5	10	10	SOT-23/SC-59	
BAT54PT	LV4	30	200	0.6	2	25	100	1	5	10	10	SOT-23/SC-59	
BAT34PT	LV3	30	100	0.6	2	25	100	1	5	10	10	SOT-23/SC-59	
BAT54TAPT	TT	30	200	0.6	2	25	100	1	5	10	10	SC-75	
BAS40TAPT	TP	40	200	0.6	0.2	30	40	1	5	10	10	SC-75	
BAS70TAPT	TX	70	70	0.1	0.1	50	15	1	5	10	10	SC-75	
BAT54WAPT	3H	30	200	0.6	2	25	100	1	5	10	10	SC-70	
BAS40WAPT	MF	40	200	0.6	0.2	30	40	1	5	10	10	SC-70	
BAS70WAPT	MB	70	70	0.1	0.1	50	15	1	5	10	10	SC-70	
BAS40APT	BB	40	200	0.6	0.2	30	40	1	5	10	10	SOT-23/SC-59	
BAS70APT	B2	70	70	0.1	0.1	50	15	1	5	10	10	SOT-23/SC-59	
BAT54APT	BG	30	200	0.6	2	25	100	1	5	10	10	SOT-23/SC-59	

★ Add the "GP" after part number to stand for Halogens-free

SURFACE MOUNT DEVICES FOR HYBRID APPLICATIONS

PLASTIC MATERIAL USED CARRIES UL 94V-0

TYPE	Marking	Maximum	Maximum	Maximum	Maximum		Maximum		Maximum		Outline NO.	Equivalent Circuit Diagram
		Peak Reverse Voltage	Average Rectified Current	Forward Peak Surge Current @ 1S	Reverse Current @ 25°C T _A		Forward Voltage @ 25°C T _A		Reverse Recovery Time			
		V _{PRV}	I _O	I _{FM} (Surge)	I _R	V _R	I _{FM}	V _{FM}	T _{RR}	I _R		
		V _{PK}	mA _{AV}	APK	uA _{dC}	V	mAPK	V _{PK}	nS	mA	mA	

SMALL SIGNAL SCHOTTKY

BAT54TCPT	TU	30	200	0.6	2	25	100	1	5	10	10	SC-75	
BAS40TCPT	TQ	40	200	0.6	0.2	30	40	1	5	10	10	SC-75	
BAS70TCPT	TY	70	70	0.1	0.1	50	15	1	5	10	10	SC-75	
BAT54WCPT	3I	30	200	0.6	2	25	100	1	5	10	10	SC-70	
BAS40WCPT	MG	40	200	0.6	0.2	30	40	1	5	10	10	SC-70	
BAS70WCPT	MC	70	70	0.1	0.1	50	15	1	5	10	10	SC-70	
BAS40CPT	BC	40	200	0.6	0.2	30	40	1	5	10	10	SOT-23/SC-59	
BAS70CPT	B3	70	70	0.1	0.1	50	15	1	5	10	10	SOT-23/SC-59	
BAT54CPT	KL3	30	200	0.6	2	25	100	1	5	10	10	SOT-23/SC-59	
BAT54TSPT	TV	30	200	0.6	2	25	100	1	5	10	10	SC-75	
BAS40TSPT	TR	40	200	0.6	0.2	30	40	1	5	10	10	SC-75	
BAS70TSPT	TZ	70	70	0.1	0.1	50	15	1	5	10	10	SC-75	
BAT54WSPT	3J	30	200	0.6	2	25	100	1	5	10	10	SC-70	
BAS40WSPT	MH	40	200	0.6	0.2	30	40	1	5	10	10	SC-70	
BAS70WSPT	MD	70	70	0.1	0.1	50	15	1	5	10	10	SC-70	
BAS40SPT	BD	40	200	0.6	0.2	30	40	1	5	10	10	SOT-23/SC-59	
BAS70SPT	B4	70	70	0.1	0.1	50	15	1	5	10	10	SOT-23/SC-59	
BAT54SPT	LD3	30	200	0.6	2	25	100	1	5	10	10	SOT-23/SC-59	
BAT54VPT	1V	30	200	0.6	2	25	100	1	5	10	10	SOT-563	
BAS40VPT	2V	40	200	0.6	0.2	30	40	1	5	10	10	SOT-563	
BAT54JWPT	LV4	30	200	0.6	2	25	100	1	5	10	10	SC-88	
CH340RDWPT	RD1	40	350	1(10mS)	5	30	100	0.5	10	200	200	SC-88	
BAT54DWPT	DW1	30	200	0.6	2	25	100	1	5	10	10	SC-88	
BAS40DWPT	DW2	40	200	0.6	0.2	30	40	1	5	10	10	SC-88	
BAS70DWPT	DW3	70	70	0.1	0.1	50	15	1	5	10	10	SC-88	
BAT54DWD1PT	DW1	30	200	0.6	2	25	100	1	5	10	10	FBPT-363	
BAS40DWD1PT	DW2	40	200	0.6	0.2	30	40	1	5	10	10	FBPT-363	
BAS70DWD1PT	DW3	70	70	0.1	0.1	50	15	1	5	10	10	FBPT-363	
BAT54ADWPT	AD1	30	200	0.6	2	25	100	1	5	10	10	SC-88	
BAS40ADWPT	AD2	40	200	0.6	0.2	30	40	1	5	10	10	SC-88	
BAS70ADWPT	AD3	70	70	0.1	0.1	50	15	1	5	10	10	SC-88	
BAT54ADWD1PT	AD1	30	200	0.6	2	25	100	1	5	10	10	FBPT-363	
BAS40ADWD1PT	AD2	40	200	0.6	0.2	30	40	1	5	10	10	FBPT-363	
BAS70ADWD1PT	AD3	70	70	0.1	0.1	50	15	1	5	10	10	FBPT-363	
BAT54CDWPT	CD1	30	200	0.6	2	25	100	1	5	10	10	SC-88	
BAS40CDWPT	CD2	40	200	0.6	0.2	30	40	1	5	10	10	SC-88	
BAS70CDWPT	CD3	70	70	0.1	0.1	50	15	1	5	10	10	SC-88	
BAT54CDWD1PT	CD1	30	200	0.6	2	25	100	1	5	10	10	FBPT-363	
BAS40CDWD1PT	CD2	40	200	0.6	0.2	30	40	1	5	10	10	FBPT-363	
BAS70CDWD1PT	CD3	70	70	0.1	0.1	50	15	1	5	10	10	FBPT-363	

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SURFACE MOUNT DEVICES FOR HYBRID APPLICATIONS

PLASTIC MATERIAL USED CARRIES UL 94V-0

TYPE	Marking	Maximum Peak Reverse Voltage	Maximum Average Rectified Current	Maximum Forward Peak Surge Current @ 1S	Maximum Reverse Current @ 25°C T _A		Maximum Forward Voltage @ 25°C T _A		Maximum Reverse Recovery Time			Outline NO.	Equivalent Circuit Diagram
		P _{RV}	I _O	I _{FM} (Surge)	I _R	V _R	I _{FM}	V _{FM}	T _{RR}	I _R	I _F		
		V _{PK}	mAAV	APK	uAdc	V	mAPK	V _{PK}	nS	mA	mA		

SMALL SIGNAL SCHOTTKY

CH340SDWPT	DM1	40	350	1.5	5	30	200	0.6	10	200	200	SC-74	
BAT54SDWPT	SD1	30	200	0.6	2	25	100	1	5	10	10	SC-88	
BAS40SDWPT	SD2	40	200	0.6	0.2	30	40	1	5	10	10	SC-88	
BAS70SDWPT	SD3	70	70	0.1	0.1	50	15	1	5	10	10	SC-88	
BAT54SDWD1PT	SD1	30	200	0.6	2	25	100	1	5	10	10	FBPT-363	
BAS40SDWD1PT	SD2	40	200	0.6	0.2	30	40	1	5	10	10	FBPT-363	
BAS70SDWD1PT	SD3	70	70	0.1	0.1	50	15	1	5	10	10	FBPT-363	
BAT54BDWPT	BD1	30	200	0.6	2	25	100	1	5	10	10	SC-88	
BAS40BDWPT	BD2	40	200	0.6	0.2	30	40	1	5	10	10	SC-88	
BAS70BDWPT	BD3	70	70	0.1	0.1	50	15	1	5	10	10	SC-88	
BAT54BDWD1PT	BD1	30	200	0.6	2	25	100	1	5	10	10	FBPT-363	
BAS40BDWD1PT	BD2	40	200	0.6	0.2	30	40	1	5	10	10	FBPT-363	
BAS70BDWD1PT	BD3	70	70	0.1	0.1	50	15	1	5	10	10	FBPT-363	


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SURFACE MOUNT DEVICES FOR HYBRID APPLICATIONS

PLASTIC MATERIAL USED CARRIES UL 94V-0

TYPE	Marking	Maximum Peak Reverse Voltage	Maximum Average Rectified Current	Maximum Forward Peak Surge Current @ 8.3mS	Maximum Reverse Current @ 25°C T _A		Maximum Forward Voltage @ 25°C T _A		Outline NO.	Equivalent Circuit Diagram
		PrV	Io	IFM (Surge)	IR	VR	IFM	VFM		
		VPK	mA _{AV}	APK	uAdc	V	mAPK	VPK		

SMALL SCHOTTKY

CH520G-30PT	2	30	200	1	1	10	200	0.6	SOD-723	
CH521G-30PT	3	30	200	1	30	10	200	0.5	SOD-723	
CH751G-40PT	5	40	30	0.2	0.5	30	1	0.37	SOD-723	
CH501G-40PT	1	45	100	1	30	10	100	0.55	SOD-723	
CH601G-70PT	4	70	100	1.0(10mS)	5	70	10	0.77	SOD-723	
CH751G1-40PT	S	40	30	0.2	0.5	30	1	0.37	FBPD-723	
CH520S-30PT	B	30	200	1	1	10	200	0.6	SC-79	
CH521S-30PT	C	30	200	1	30	10	200	0.5	SC-79	
CH621S-40PT	E	40	100	1	5	10	50	0.6	SC-79	
CH751S-40PT	S	40	30	0.2	0.5	30	1	0.37	SC-79	
CH740S-40PT	F	40	40	-	10	40	2	1	SC-79	
CH501S-40PT	A	45	100	1	30	10	100	0.55	SC-79	
1SS388PT	B	40	100	1	5	10	50	0.6	SC-79	
CH351H-30PT	JU	30	200	0.6(10mS)	10	30	100	0.55	SC-76	
CH801H-30PT	JS	30	100	1(10mS)	1	30	100	0.45	SC-76	
CH301H-40PT	JL	40	120	0.2(10mS)	5	40	100	0.55	SC-76	
CH740H-40PT	JC	40	40	-	10	40	2	1	SC-76	
CH751H-40PT	JV	40	30	0.2	0.5	30	1	0.37	SC-76	
CH500H-40PT	J	45	100	1	1	10	10	0.45	SC-76	
CH501H-40PT	JS	45	100	1	30	10	100	0.55	SC-76	
CH601H-70APT	5B	70	100	1.0(10mS)	5	70	10	0.77	SC-76	
CH601H-90PT	5A	90	100	1.0(10mS)	5	90	100	0.77	SC-76	
SSM0240SPT	K22	40	200	1.5	5	30	200	0.6	SOD-123	
SSM02150SPT	K19	150	200	30	50	150	200	0.6	SOD-123	
CH715TPT	TG	40	30	0.2	1	10	1	0.37	SC-75	
CH145TPT	TN	45	100	1	1	10	50	0.6	SC-75	
CH451FPT	3C	40	100	1	30	10	100	0.55	SC-70	
CH751WPT	MI	40	30	0.2	1	10	1	0.37	SC-70	
CH450FPT	3B	45	100	1	1	10	10	0.45	SC-70	
CH401DPT	05H	30	200	3	50	30	200	0.5	SOT-23/SC-59	
CH402DPT	05K	30	300	3	50	30	300	0.5	SOT-23/SC-59	
CH420DPT	LV3	40	100	1	1	10	10	0.45	SOT-23/SC-59	
CH421DPT	LV6	40	100	1	30	10	100	0.55	SOT-23/SC-59	
CH715TAPT	TH	40	30	0.2	1	10	1	0.37	SC-75	
CH717FPT	3E	40	30	0.2	1	10	1	0.37	SC-70	
CH493DPT	02F	40	400	2	70	25	200	0.5	SOT-23/SC-59	

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SURFACE MOUNT DEVICES FOR HYBRID APPLICATIONS

PLASTIC MATERIAL USED CARRIES UL 94V-0

TYPE	Marking	Maximum Peak Reverse Voltage	Maximum Average Rectified Current	Maximum Forward Peak Surge Current @ 8.3mS	Maximum Reverse Current @ 25°C T _A		Maximum Forward Voltage @ 25°C T _A		Outline NO.	Equivalent Circuit Diagram
		PrV	I _o	I _{FM} (Surge)	I _R	V _R	I _{FM}	V _{FM}		
		V _{PK}	mA _{AV}	A _{PK}	uA _{dc}	V	mA _{PK}	V _{PK}		

SMALL SCHOTTKY

CH715MCPT	11	40	30	0.2	1	10	1	0.37	SOT-723	
CH751M1CPT	JV	40	30	0.2	0.5	30	1	0.37	FBPT-723	
CH715WPT	3M	40	30	0.2	1	10	1	0.37	SC-75	
CH715FPT	3D	40	30	0.2	1	10	1	0.37	SC-70	
CH705DPT	KL5	40	30	0.2	1	10	1	0.37	SOT-23/SC-59	
CH425DPT	KL4	40	100	1	30	10	100	0.55	SOT-23/SC-59	
CH495DPT	04F	40	400	2	70	25	200	0.5	SOT-23/SC-59	
CH548TSPT	3N	30	100	0.5	0.5	10	10	0.45	SC-75	
CH715TSPT	TI	40	30	0.2	1	10	1	0.37	SC-75	
CH751WSPT	ML	40	30	0.2	1	10	1	0.37	SC-70	
CH494WSPT	03F	40	400	2	70	25	200	0.5	SC-70	
CH706F-40PT	3A	45	30	0.2	1	10	1	0.37	SC-70	
CH494DPT	03F	40	400	2	70	25	200	0.5	SOT-23/SC-59	
CH0420LSPT	B8	20	400	2	250	20	500	0.43	SOT-23/SC-59	
CH706D-40PT	LD4	45	30	0.2	1	10	1	0.37	SOT-23/SC-59	
CH481KPT	3R	30	200	1	30	10	200	0.5	SC-82	
CH480KPT	3T	45	100	1	5	40	100	0.6	SC-82	
CH480YPT	3S	30	100	1	1	10	100	0.53	SOT-543	
CH481YPT	3U	30	100	1	30	10	100	0.43	SOT-543	
CH483KPT	3W	30	200	1	30	10	200	0.5	SC-82	
CH471EPT	E1	40	100	1	30	10	100	0.55	SC-74A	
CH761UPT	JB	12	100	1	20	20	100	0.5	SC-88	
CH661H-20PT	JB	15	100	1	20	10	100	0.5	SC-88	
CH531UPT	BZ	30	100	1	30	10	100	0.43	SC-88	
CH701UPT	JG	40	200	0.6(1mS)	1	10	100	1	SC-88	
CH721UPT	JD	40	200	0.6	1	10	200	0.5	SC-88	
CH741UPT	JH	40	30	0.2	1	10	1	0.37	SC-88	
CH781UPT	JF	40	175	1.0(1mS)	5	30	100	0.5	SC-88	
CH731UPT	D3P	40	30	0.2	1	10	1	0.37	SC-74	
CH751VDWPT	JV	40	30	0.2	0.5	30	1	0.37	SOT-563	
CH771UPT	JJ	70	70	0.1(1.0Sec)	0.1	50	40	1	SC-88	
CH145SDWPT	DM2	45	100	1	1	10	10	0.45	SC-74	

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SURFACE MOUNT DEVICES FOR HYBRID APPLICATIONS

PLASTIC MATERIAL USED CARRIES UL 94V-0

TYPE	Marking	Maximum Peak Reverse Voltage	Maximum Average Rectified Current	Maximum Forward Peak Surge Current @ 8.3mS	Maximum Reverse Current @ 25°C T _A		Maximum Forward Voltage @ 25°C T _A		Outline NO.	Equivalent Circuit Diagram
		PrV	I _o	I _{FM} (Surge)	I _R	V _R	I _{FM}	V _{FM}		
		V _{PK}	mA _{AV}	APK	uAdc	V	mA _{PK}	V _{PK}		

MIDDLE SCHOTTKY

CH551S-30PT	<u>K</u>	30	500	2	100	20	500	0.47	SC-79	
CH411S-40PT	<u>P</u>	40	500	3	30	10	500	0.5	SC-79	
CH651S-40PT	<u>N</u>	40	750	2.5	50	30	750	0.7	SC-79	
CH321H-10PT	J1	10	2000	5	100	8	1000	0.6	SC-76	
CH331H-10PT	JK	10	3000	5	100	8	1000	0.6	SC-76	
CH451H-30PT	SE	30	500	2	10	5	500	0.55	SC-76	
CH511H-30PT	L	30	1000	2	100	20	1000	0.47	SC-76	
CH551H-30PT	K	30	500	2	100	20	500	0.47	SC-76	
CH651H-40PT	JT	40	750	2.5	50	30	750	0.7	SC-76	
CH511H-40PT	JT	40	1000	2	1000	40	1000	0.6	SC-76	
CH651L-40PT	JX	40	1000	20	200	40	700	0.52	SC-76	
CH651H-60PT	JW	60	1000	20	100	60	700	0.58	SC-76	
CH461FPT	3F	25	700	3	200	20	700	0.49	SC-70	
CH491DPT	10T	25	1000	3	200	20	1000	0.45	SOT-23/SC-59	
CH490DPT	10F	40	1000	3	100	30	1000	0.53	SOT-23/SC-59	
CH400DPT	05F	40	500	3	50	30	500	0.55	SOT-23/SC-59	
CH411DPT	05T	40	500	3	30	10	500	0.5	SOT-23/SC-59	
CH661DPT	LV1	60	500	3	40	45	500	0.63	SOT-23/SC-59	
CHS04XPT	X1	40	1000	10	1000	40	1000	0.55	SC-62	
CHS04ZPT	Z1	40	2000	10	1000	40	2000	0.6	SOT-223	

★ Add the "GP" after part number to stand for Halogens-free