

Bi-Directional TVS



Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	Ppp (W)	Pulse Type	Vwm (V)	Ipp (A)	VBR (V)	Vc (V)	ID (uA)	Tol. (+/-%)
1.0KE17CA	Scottsdale	CASE-1	STD		91	1000	1	17					5
EPS17SM	Watertown	A SQ. MELF	SM		6529	1000	1	17	30.8				
EPS17	Watertown	A	STD		6528	1000	1	17	30.8	19	29.2	1	
UPT17B	Watertown	POWERMIT	SM		22004	1000	1	17	30.8	19	29.2	1	
1.0KE18C	Scottsdale	CASE-1	STD		94	1000	1	18					10
1.0KE18CA	Scottsdale	CASE-1	STD		95	1000	1	18					5
1.0KE20C	Scottsdale	CASE-1	STD		98	1000	1	20					10
1.0KE20CA	Scottsdale	CASE-1	STD		99	1000	1	20					5
1.0KE22C	Scottsdale	CASE-1	STD		102	1000	1	22					10
1.0KE22CA	Scottsdale	CASE-1	STD		103	1000	1	22					5
1.0KE24C	Scottsdale	CASE-1	STD		106	1000	1	24					10
1.0KE24CA	Scottsdale	CASE-1	STD		107	1000	1	24					5
EPS24SM	Watertown	A SQ. MELF	SM		6531	1000	1	24	22				
EPS24	Watertown	A	STD		6530	1000	1	24	22	28.4	43.2	1	
UPT24B	Watertown	POWERMIT	SM		22005	1000	1	24	22	28.4	43.2	1	
1.0KE26C	Scottsdale	CASE-1	STD		110	1000	1	26					10
1.0KE26CA	Scottsdale	CASE-1	STD		111	1000	1	26					5
1.0KE28C	Scottsdale	CASE-1	STD		114	1000	1	28					10
1.0KE28CA	Scottsdale	CASE-1	STD		115	1000	1	28					5
EPS28SM	Watertown	A SQ. MELF	SM		6533	1000	1	28	19.2				
EPS28	Watertown	A	STD		6532	1000	1	28	19.2	31	47.8	1	
UPT28B	Watertown	POWERMIT	SM		22006	1000	1	28	19.2	31	47.8	1	
1.0KE30C	Scottsdale	CASE-1	STD		118	1000	1	30					10
1.0KE30CA	Scottsdale	CASE-1	STD		119	1000	1	30					5
1.0KE33C	Scottsdale	CASE-1	STD		122	1000	1	33					10
1.0KE33CA	Scottsdale	CASE-1	STD		123	1000	1	33					5
EPS33SM	Watertown	A SQ. MELF	SM		6535	1000	1	33	16.4				
EPS33	Watertown	A	STD		6534	1000	1	33	16.4	36.8	56.7	1	
UPT33B	Watertown	POWERMIT	SM		22007	1000	1	33	16.4	36.8	56.7	1	
1.0KE36C	Scottsdale	CASE-1	STD		126	1000	1	36					10
1.0KE36CA	Scottsdale	CASE-1	STD		127	1000	1	36					5
1.0KE40C	Scottsdale	CASE-1	STD		130	1000	1	40					10
1.0KE40CA	Scottsdale	CASE-1	STD		131	1000	1	40					5
1.0KE43C	Scottsdale	CASE-1	STD		134	1000	1	43					10
1.0KE43CA	Scottsdale	CASE-1	STD		135	1000	1	43					5
1.0KE45C	Scottsdale	CASE-1	STD		138	1000	1	45					10
1.0KE45CA	Scottsdale	CASE-1	STD		139	1000	1	45					5
1.0KE48C	Scottsdale	CASE-1	STD		142	1000	1	48					10
1.0KE48CA	Scottsdale	CASE-1	STD		143	1000	1	48					5
EPS48SM	Watertown	A SQ. MELF	SM		6537	1000	1	48	11.2				
EPS48	Watertown	A	STD		6536	1000	1	48	11.2	54	84.3	1	
UPT48B	Watertown	POWERMIT	SM		22008	1000	1	48	11.2	54	84.3	1	
1.0KE51C	Scottsdale	CASE-1	STD		150	1000	1	51					10
1.0KE51CA	Scottsdale	CASE-1	STD		151	1000	1	51					5

Section Organization: TSB Parametric Section is organized by ascending Ppp (watts), followed by ascending Vwm (volts)

Part Specifics Notes:

1. Pulse Width is specified as type: 1) 10/1000usec, 2) 8/20 usec, or 3) 150 nsec

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog

2. Type specifies "STD" - Standard, "SM" - Surface Mount, "DIE" - Die Form

3. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID

Fax On Demand (800) 713-4113

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<http://www.microsemi.com>

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