

Bi-Directional TVS

Microsemi
ANALOG AND POWER MANAGEMENT

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. (+/-%)
SMBJ12CA	Scottsdale	SMBJ	SM		15034	600	1	170	2.2	189	275	5	5
P6KE200CA	Scottsdale	T-18	STD		13821	600	1	171	2.2	190	274	5	5
1.0KE5.0C	Scottsdale	CASE-1	STD		146	1000	1	5					10
1.0KE5.0CA	Scottsdale	CASE-1	STD		147	1000	1	5					5
EPS5SM	Watertown	A SQ. MELF	SM		6539	1000	1	5	89.4				
EPS5	Watertown	A	STD		6538	1000	1	5	89.4	6	9.5	50	
1.0KE6.0C	Scottsdale	CASE-1	STD		162	1000	1	6					10
1.0KE6.0CA	Scottsdale	CASE-1	STD		163	1000	1	6					5
1.0KE6.5C	Scottsdale	CASE-1	STD		166	1000	1	6.5					10
1.0KE6.5CA	Scottsdale	CASE-1	STD		167	1000	1	6.5					5
1.0KE7.0C	Scottsdale	CASE-1	STD		178	1000	1	7					10
1.0KE7.0CA	Scottsdale	CASE-1	STD		179	1000	1	7					5
1.0KE7.5C	Scottsdale	CASE-1	STD		182	1000	1	7.5					10
1.0KE7.5CA	Scottsdale	CASE-1	STD		183	1000	1	7.5					5
1.0KE8.0C	Scottsdale	CASE-1	STD		198	1000	1	8					10
1.0KE8.0CA	Scottsdale	CASE-1	STD		199	1000	1	8					5
EPS8SM	Watertown	A SQ. MELF	SM		6541	1000	1	8	62.1				
EPS8	Watertown	A	STD		6540	1000	1	8	62.1	9	13.7	2	
UPT8B	Watertown	POWERMIT	SM		22001	1000	1	8	62.1	9	13.7	2	
1.0KE8.5C	Scottsdale	CASE-1	STD		202	1000	1	8.5					10
1.0KE8.5CA	Scottsdale	CASE-1	STD		203	1000	1	8.5					5
1.0KE9.0C	Scottsdale	CASE-1	STD		210	1000	1	9					10
1.0KE9.0CA	Scottsdale	CASE-1	STD		211	1000	1	9					5
1.0KE10C	Scottsdale	CASE-1	STD		53	1000	1	10					10
1.0KE10CA	Scottsdale	CASE-1	STD		54	1000	1	10					5
1.0KE11C	Scottsdale	CASE-1	STD		61	1000	1	11					10
1.0KE11CA	Scottsdale	CASE-1	STD		62	1000	1	11					5
1.0KE12C	Scottsdale	CASE-1	STD		7	1000	1	12					10
1.0KE12CA	Scottsdale	CASE-1	STD		8	1000	1	12					5
EPS12SM	Watertown	A SQ. MELF	SM		6525	1000	1	12	40.3				
EPS12	Watertown	A	STD		6524	1000	1	12	40.3	13.8	21.6	1	
UPT12B	Watertown	POWERMIT	SM		22002	1000	1	12	40.3	13.8	21.6	1	
1.0KE13C	Scottsdale	CASE-1	STD		15	1000	1	13					10
1.0KE13CA	Scottsdale	CASE-1	STD		63	1000	1	13					5
1.0KE14C	Scottsdale	CASE-1	STD		66	1000	1	14					10
1.0KE14CA	Scottsdale	CASE-1	STD		67	1000	1	14					5
1.0KE15C	Scottsdale	CASE-1	STD		74	1000	1	15					10
1.0KE15CA	Scottsdale	CASE-1	STD		75	1000	1	15					5
EPS15SM	Watertown	A SQ. MELF	SM		6527	1000	1	15	33.9				
EPS15	Watertown	A	STD		6526	1000	1	15	33.9	16.7	26	1	
UPT15	Watertown	POWERMIT	SM		22003	1000	1	15	33.9	16.7	26	1	
1.0KE16C	Scottsdale	CASE-1	STD		82	1000	1	16					10
1.0KE16CA	Scottsdale	CASE-1	STD		83	1000	1	16					5
1.0KE17C	Scottsdale	CASE-1	STD		90	1000	1	17					10

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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