

SOT23 DUAL SCHOTTKY BARRIER DIODES

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ZC2812E ZC2813E

ZC2813E	ZC2812E	SOT23
Common Anode	Series	Device Type
13E	12E	Part Marking

ABSOLUTE MAXIMUM RATINGS.

PARAMETER	SYMBOL	VALUE	UNIT
Power Dissipation at $T_{amb} = 25^{\circ}C$	P_{tot}	330	mW
Operating and Storage Temperature Range	$T_j; T_{stg}$	-55 to +150	$^{\circ}C$

ELECTRICAL CHARACTERISTICS (at $T_{amb} = 25^{\circ}C$).

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITIONS.
Breakdown Voltage	V_{BR}	15			V	$I_R = 10\mu A$
Reverse Leakage Current	I_R			100	nA	$V_R = 10V$
Forward Voltage	V_F			410	mV	$I_F = 1mA$
Forward Current	I_F	20			mA	$V_F = 1V$
Capacitance	C_T			1.2	pF	$V_R = 0V, f = 1MHz$
Effective Minority Lifetime (1)	τ			100	ps	$f = 54 MHz, I_{pk} = 20mA$

(1) Sample Test.

For typical characteristics graphs see ZC2811E datasheet.