



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

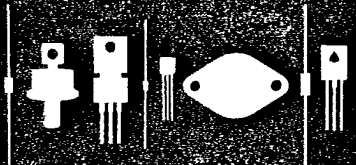
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Central
Semiconductor Corp.
Central
Semiconductor Corp.
Central
Semiconductor Corp.
CentralTM
Semiconductor Corp.

145 Adams Avenue
Hauppauge, New York 11788



CT-32E SERIES

SILICON BI-DIRECTIONAL DIAC
(TRIGGER DIODE)

JEDEC DO-41 CASE

DESCRIPTION

The CENTRAL SEMICONDUCTOR CT-32E series types are diffused silicon bi-directional thyristors, mounted in a cost effective, axial lead epoxy case, designed to be used as a trigger for an SCR or a triac.

MAXIMUM RATINGS (TA=25°C)

	<u>SYMBOL</u>		<u>UNIT</u>
Power Dissipation	P _D	250	mW
Operating and Storage Junction Temperature	T _J , T _{STG}	-65 TO +150	°C

ELECTRICAL CHARACTERISTICS (TA=25°C)

	V(B0)*		ΔV(B0)	ΔV±	I(B0)	I _{TRM} **
	MIN	MAX	VOLTS MAX	VOLTS MIN	μA MAX	AMPS MAX
CT-32E	27	37	3.0	5.0	50	2.0
CT-35E	30	40	3.0	5.0	50	2.0
CT-40E	35	45	3.0	5.0	50	2.0
CT-50E	42	58	4.0	8.0	50	1.7
CT-60E	56	70	4.0	10	50	1.5
CT-105E	95	113	10	25	25	0.6
CT-110E	104	118	10	25	25	0.6
CT-120E	110	125	10	25	25	0.6
CT-130E	120	138	10	25	25	0.6
CT-200E	190	215	20	50	15	0.34
CT-220E	205	230	20	50	15	0.34
CT-240E	220	250	20	50	15	0.34

*SWITCHING VOLTAGE, BOTH DIRECTIONS

**PEAK PULSE CURRENT, 10μs, 120PPS