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

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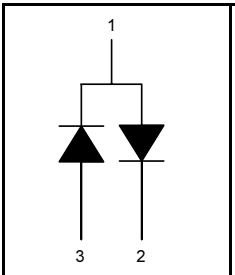
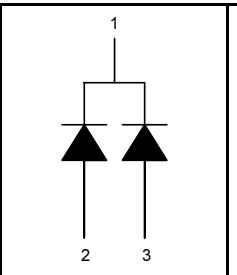
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

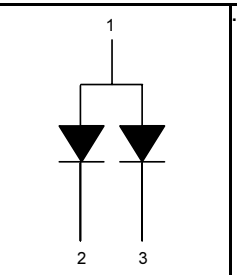
SOT23 SILICON PLANAR DUAL SCHOTTKY BARRIER DIODES

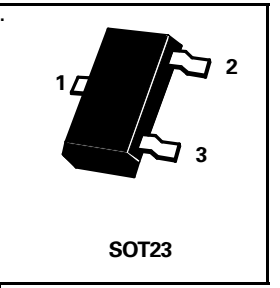
BAS70-04
BAS70-05
BAS70-06

ISSUE 3 - JULY 1995 ✪









SOT23

SERIES PAIR	**COMMON CATHODE**	**COMMON ANODE**
Device Type: BAS70-04	Device Type: BAS70-05	Device Type: BAS70-06
Partmarking Detail: 2Z	Partmarking Detail: 2Z5	Partmarking Detail: 1Z

ABSOLUTE MAXIMUM RATINGS.

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

ELECTRICAL CHARACTERISTICS (at T_{amb} = 25°C unless otherwise stated).

PARAMETER	SYMBOL	MIN.	MAX.	UNIT	CONDITIONS.
Breakdown Voltage	V_{BR}	70		V	I_R=10μA
Reverse Leakage Current	I_R		200	nA	V_R=50V
Forward Voltage	V_F		410	mV	I_F=1mA
Forward Current	I_F	15		mA	V_F=1V
Capacitance	C_T		2.0	pF	f=1MHz, V_R=0
Effective Minority Lifetime (1)	τ		100	ps	f=54MHz, I_{pk}= 20mA (Krakauer Test Method)

(1) Sample Test

For typical characteristics graphs see ZC2800E datasheet.