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

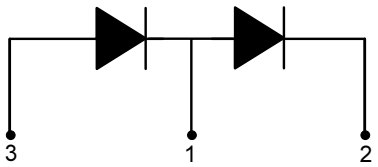
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

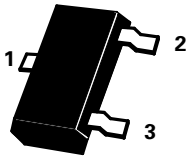
SOT23 SILICON PLANAR LOW LEAKAGE SERIES DIODE PAIR

FLLD261

ISSUE 2 – SEPTEMBER 1995 ✪

DIODE PIN CONNECTION





SOT23

PART MARKING DETAIL – P8A

ABSOLUTE MAXIMUM RATINGS.

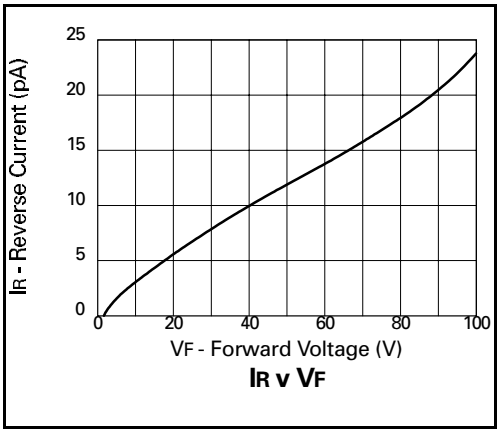
PARAMETER	SYMBOL	VALUE	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	100	V
Average Rectified Forward Current	$I_{F(AV)}$	250	mA
Non-Repetitive Peak Forward Current (t=1μs)	I_{FSM}	3.0	A
Power Dissipation at T_{amb} = 25°C	P_{tot}	330	mW
Operating and Storage Temperature Range	T_j:T_{stg}	-55 to +150	°C

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

PARAMETER	SYMBOL	MIN.	MAX.	UNIT	CONDITIONS.
Reverse Current	I_R		5 5	nA μA	V_{RRM}=100V V_{RRM}=100V, T_{amb}=150°C
Reverse Recovery Time*	t_{rr}		400	ns	I_F= I_R=50 – 400mA
Forward Recovery Time	t_{fr}		10	ns	I_F=10mA
Diode Capacitance	C_d		4	pF	V_R=1V, f=1MHz
Forward Overshoot Voltage	V_{fr}		Typ 0.9	V	I_F=10mA, Rise time=5ns ±20%
Forward Voltage	V_F		1.4	V	I_F=-200mA

*Time for I_R to recover to 10% of I_R peak
For typical characteristics graphs see FLLD263 datasheet.

TYPICAL CHARACTERISTICS



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