imall

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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Symbol	Parameter	Value	Units
P _D	Power Dissipation	500	mW
$R_{ ext{ heta}JA}$	Thermal Resistance, Junction to Ambient	300	°C/W

Electrical Characteristics T_A = 25°C unless otherwise noted

Symbol	Parameter	Test Conditions	Min	Max	Units
V _R	Breakdown Voltage	I _R = 100 μA	100		V
V _F	Forward Voltage	I _F = 20 mA		1.0	V
I _R	Reverse Current	V _R = 20 V V _R = 20 V, T _A = 150°C		25 50	nA μA
CT	Total Capacitance	$V_{R} = 0, f = 1.0 \text{ MHz}$		4	pF
t _{rr}	Reverse Recovery Time	$I_F = 10 \text{ mA}, V_R = 6 \text{ V}, R_L = 100 \Omega, I_{rr} = 1.0 \text{ mA}$		4	ns

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E ² CMOS [™]	I ² C™	OCX™	RapidConnect™	UltraFET [®]
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Definition of Terms

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