


February 1998

The specifications for the **LT[®]1328** have been revised as shown below with the addition of industrial temperature range of -40°C to 85°C . For complete specifications, typical performance characteristics and applications information, please see the **LT1328** data sheet.

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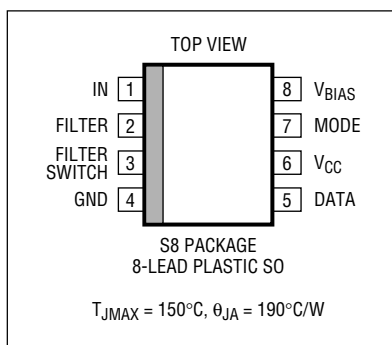
ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range

LT1328C 0°C to 70°C

LT1328I -40°C to 85°C

PACKAGE/ORDER INFORMATION

 <p>S8 PACKAGE 8-LEAD PLASTIC SO $T_{JMAX} = 150^{\circ}\text{C}$, $\theta_{JA} = 190^{\circ}\text{C/W}$</p>	ORDER PART NUMBER
	LT1328CS8 LT1328IS8
	S8 PART MARKING
	1328 1328I

Consult factory for Military grade parts.

ELECTRICAL CHARACTERISTICS

$V_{CC} = 5\text{V}$, $V_{GND} = 0\text{V}$, $V_{MODE} = 2\text{V}$, $-40^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$, unless otherwise specified.

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS	
I_{PD}	Maximum Input Current	Current Out of Pin 1	●	14	25	mA	
I_S	Supply Current	No Input Signal	●	2	2.2	mA	
V_S	Operating Supply Voltage		●	4.5	5.5	V	
V_{IN}	Bias Voltage on Pin 1	No Input Signal	●	0.9	1.5	2.2	V
V_{BIAS}	Bias Voltage on Pin 8	No Input Signal	●	0.9	1.5	2.2	V
V_{LT}	Quiescent Voltage on Pin 2	No Input Signal	●	0.9	1.5	2.2	V
V_{THL}	Switch Logic Level Low Pin 7		●		0.8	V	
V_{THH}	Switch Logic Level High Pin 7		●	2.0		V	
V_{OL}	Comparator Output Low	Voltage On Pin 5, 800 μA Sink Current	●	0.45	0.6	V	
V_{OH}	Comparator Output High	Voltage On Pin 5, 50 μA Source Current	●	3.9	4.9	V	

The ● denotes specifications which apply over the specified operating temperature range.

For further information regarding this specification notice contact:

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