LINEAR TECHNOLOGY

SPECIFICATION NOTICE

LT1328

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.

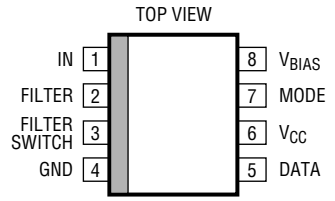
ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range

LT1328C ..... 0°C to 70°C

LT1328I ..... –40°C to 85°C

PACKAGE/ORDER INFORMATION



S8 PACKAGE
8-LEAD PLASTIC SO

T_{JMAX} = 150°C, θ_{JA} = 190°C/W

ORDER PART NUMBER
LT1328CS8
LT1328IS8
S8 PART MARKING
1328
1328I

Consult factory for Military grade parts.

ELECTRICAL CHARACTERISTICS

V_{CC} = 5V, V_{GND} = 0V, V_{MODE} = 2V, –40°C ≤ T_A ≤ 85°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, 800µA Sink Current	●		**0.45**	**0.6**	V
V_{OH}	Comparator Output High	Voltage On Pin 5, 50µA 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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