

The **LT1077** data sheet has been updated to include an I-grade surface mount version. Changes/additions in Absolute Maximum Ratings, Package/Order Information and Electrical Characteristics are shown below in bold type. For complete specifications, typical performance curves and applications information, please see the **LT1077** data sheet.

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## ABSOLUTE MAXIMUM RATINGS

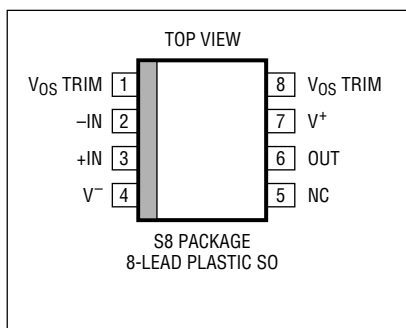
Operating Temperature Range

LT1077AM/LT1077M ..... -55°C to 125°C

LT1077AI/LT1077I/**LT1077IS8** ..... -40°C to 85°C

LT1077AC/LT1077C/LT1077S8 ..... 0°C to 70°C

## PACKAGE/ORDER INFORMATION

 <p>TOP VIEW</p> <p>S8 PACKAGE 8-LEAD PLASTIC SO</p>	ORDER PART NUMBER		
	LT1077S8 <b>LT1077IS8</b>		
	S8 PART MARKING		
	1077 1077I		

## ELECTRICAL CHARACTERISTICS

$V_S = 5V, 0V, V_{CM} = 0.1V, V_O = 1.4V, -55^\circ C \leq T_A \leq 125^\circ C$  for AM/M grades,  $-40^\circ C \leq T_A \leq 85^\circ C$  for AI/I grades.

SYMBOL	PARAMETER	CONDITIONS	LT1077AM/LT1077AI			LT1077M/LT1077I			UNITS
			MIN	TYP	MAX	MIN	TYP	MAX	
$\Delta V_{OS}/\Delta T$	Input Offset Voltage Drift	LT1077IS8 (Note 5)	●			1.0	2.5		$\mu V/^\circ C$

$V_S = \pm 15V, -55^\circ C \leq T_A \leq 125^\circ C$  for AM/M grades,  $-40^\circ C \leq T_A \leq 85^\circ C$  for AI/I grades.

SYMBOL	PARAMETER	CONDITIONS	LT1077AM/LT1077AI			LT1077M/LT1077I			UNITS
			MIN	TYP	MAX	MIN	TYP	MAX	
$\Delta V_{OS}/\Delta T$	Input Offset Voltage Drift	LT1077IS8 (Note 5)	●			1.1	3.0		$\mu V/^\circ C$

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

**Note 1:** Slew rate 5V, 0V is guaranteed by inference from the slew rate measurement at  $\pm 15V$ .

**Note 2:** This parameter is tested on a sample basis only. All noise parameters are tested with  $V_S = \pm 2.5V, V_O = 0V$ .

**Note 3:** This parameter is guaranteed by design and is not tested.

**Note 4:** Power supply rejection ratio is measured at the minimum supply voltage. The op amps actually work at 1.8V supply but with a typical offset skew  $-300\mu V$ .

**Note 5:** This parameter is not 100% tested.

For further information regarding this specification notice contact:

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