


The **LTC<sup>®</sup>1329IS8-50** is available for the Industrial temperature range ( $-40^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ ). The new specifications are shown below in **bold**. For complete specifications, typical performance characteristics and applications information, please see the **LTC1329** data sheet.

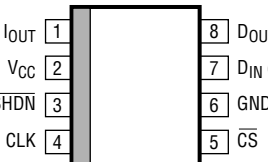
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## ABSOLUTE MAXIMUM RATINGS

(Note 1)

Supply Voltage ( $V_{CC}$ ) .....	7V
Input Voltage (All Inputs) .....	$-0.3\text{V}$ to $(V_{CC} + 0.3\text{V})$
Output Voltage	
$I_{OUT}$ .....	$-15\text{V}$ to $(V_{CC} + 0.3\text{V})$
$D_{OUT}$ .....	$-0.3\text{V}$ to $(V_{CC} + 0.3\text{V})$
Short-Circuit Duration (All Outputs) .....	Indefinite
Operating Temperature Range	
LTC1329C .....	$0^{\circ}\text{C}$ to $70^{\circ}\text{C}$
<b>LTC1329I</b> .....	<b><math>-40^{\circ}\text{C}</math> to <math>85^{\circ}\text{C}</math></b>
Storage Temperature Range .....	$-65^{\circ}\text{C}$ to $150^{\circ}\text{C}$
Lead Temperature (Soldering, 10 sec) .....	$300^{\circ}\text{C}$

## PACKAGE/ORDER INFORMATION

<div><p>TOP VIEW</p><p><math>I_{OUT}</math> 1 <math>D_{OUT}</math> 8 <math>V_{CC}</math> 2 <math>D_{IN}</math> (UP/<math>\overline{DN}</math>) 7 <math>\overline{SHDN}</math> 3 GND 6 CLK 4 <math>\overline{CS}</math> 5</p><p>S8 PACKAGE 8-LEAD PLASTIC SO</p><p><math>T_{JMAX} = 125^{\circ}\text{C}</math>, <math>\theta_{JA} = 150^{\circ}\text{C/W}</math></p></div>	<div><p>ORDER PART NUMBER</p><p>LTC1329CS8-10 LTC1329CS8-50 LTC1329ACS8-50 <b>LTC1329IS8-50</b></p></div>
	<div><p>S8 PART MARKING</p><p>13291 1329A5 13295 <b>1329I5</b></p></div>

Consult factory for Military grade parts.

For further information regarding this specification notice contact:

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