


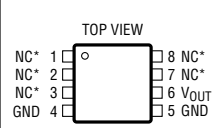
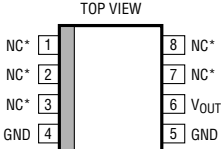
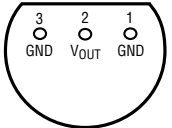
The following specifications have changed on the **LT<sup>®</sup>1634-2.5** data sheet as indicated in **bold**. This spec notice adds the LT1634BIS8-2.5, the LT1634BCMS8-2.5 and changes the LT1634BCZ-2.5 to LT1634CCZ-2.5. All other specifications remain unchanged. For complete specifications, typical performance curves and applications information, please see the **LT1634-2.5** data sheet.

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## ABSOLUTE MAXIMUM RATINGS

Operating Current .....	100mA	Operating Temperature Range	
Forward Current .....	20mA	LT1634BC-2.5 .....	0°C to 70°C
Storage Temperature Range .....	–65°C to 150°C	<b>LT1634BI-2.5</b> .....	<b>–40°C to 85°C</b>
Lead Temperature (Soldering, 10 sec) .....	300°C		

## PACKAGE/ORDER INFORMATION

 MS8 PACKAGE 8-LEAD PLASTIC MSOP T <sub>JMAX</sub> = 125°C, θ <sub>JA</sub> = 250°C/W	ORDER PART NUMBER	 S8 PACKAGE 8-LEAD PLASTIC SO T <sub>JMAX</sub> = 125°C, θ <sub>JA</sub> = 190°C/W	ORDER PART NUMBER	 Z PACKAGE 3-LEAD PLASTIC TO-92 T <sub>JMAX</sub> = 125°C, θ <sub>JA</sub> = 190°C/W	ORDER PART NUMBER
	<b>LT1634BCMS8-2.5</b>		<b>LT1634BCS8-2.5</b> <b>LT1634BIS8-2.5</b>		<b>LT1634CCZ-2.5</b>
	MS8 PART MARKING		S8 PART MARKING		
	<b>LTDF</b>		<b>634B2</b> <b>634BI2</b>		

\*Connected internally. Do not connect external circuitry to these pins. Consult factory for Military grade parts.

## AVAILABLE OPTIONS

TEMPERATURE	ACCURACY (%)	TEMPERATURE COEFFICIENT (ppm/°C)	PACKAGE TYPE		
			MS8	S8	Z
0°C to 70°C	0.05	25	<b>LT1634BCMS8-2.5</b>	LT1634BCS8-2.5	
<b>–40°C to 85°C</b>	<b>0.05</b>	<b>25</b>		<b>LT1634BIS8-2.5</b>	
0°C to 70°C	0.20	25			<b>LT1634CCZ-2.5</b>

## ELECTRICAL CHARACTERISTICS (Note 1)

PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
Reverse Breakdown Voltage	LT1634BCS8/LT1634BIS8/LT1634BCMS8 (I <sub>R</sub> = 10μA)	2.49875 –0.05	2.500	2.50125 0.05	V %
	LT1634BCS8/LT1634BCMS8 (I <sub>R</sub> = 10μA)	● 2.49437 –0.225	2.500	2.50562 0.225	V %
	<b>LT1634BIS8 (I<sub>R</sub> = 10μA)</b>	● <b>2.49094</b> <b>–0.362</b>	<b>2.500</b>	<b>2.50906</b> <b>0.362</b>	<b>V</b> <b>%</b>
	<b>LT1634CCZ (I<sub>R</sub> = 10μA)</b>	● <b>2.49062</b> <b>–0.375</b>	<b>2.500</b>	<b>2.50937</b> <b>0.375</b>	<b>V</b> <b>%</b>

For further information regarding this specification notice contact:

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