
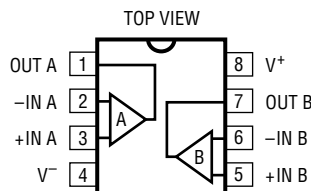
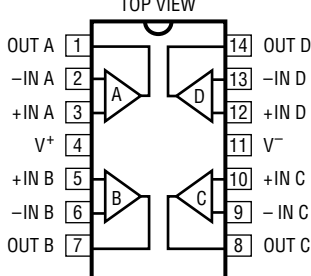


Industrial grade parts have been added to the **LT[®]1490/LT1491** data sheet. Additions to Package/Order Information and Electrical Characteristics are shown in **bold type**. For complete specifications, typical performance characteristics and applications information, please see the **LT1490/LT1491** data sheet.

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PACKAGE/ORDER INFORMATION

 <p>MS8 PACKAGE 8-LEAD MSOP</p> <p>N8 PACKAGE 8-LEAD PDIP</p> <p>S8 PACKAGE 8-LEAD PLASTIC SO</p> <p>$T_{JMAX} = 150^{\circ}C$, $\theta_{JA} = 250^{\circ}C/W$ (MS8) $T_{JMAX} = 150^{\circ}C$, $\theta_{JA} = 130^{\circ}C/W$ (N8) $T_{JMAX} = 150^{\circ}C$, $\theta_{JA} = 190^{\circ}C/W$ (S8)</p>	<p>ORDER PART NUMBER</p> <p>LT1490CMS8 LT1490CN8 LT1490CS8 LT1490IN8 LT1490IS8</p> <p>MS8 PART MARKING</p> <p>LTBB</p> <p>S8 PART MARKING</p> <p>1490 1490I</p>	 <p>N PACKAGE 14-LEAD PDIP</p> <p>S PACKAGE 14-LEAD PLASTIC SO</p> <p>$T_{JMAX} = 150^{\circ}C$, $\theta_{JA} = 110^{\circ}C/W$ (N) $T_{JMAX} = 150^{\circ}C$, $\theta_{JA} = 150^{\circ}C/W$ (S)</p>	<p>ORDER PART NUMBER</p> <p>LT1491CN LT1491CS LT1491IN LT1491IS</p>
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Consult factory for Military grade parts.

ELECTRICAL CHARACTERISTICS

$V_S = 3V, 0V$; $V_S = 5V, 0V$; $V_{CM} = V_{OUT} = \text{half supply}$, $T_A = 25^{\circ}C$, unless otherwise noted. (Note 2)

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
$V_{OS\ TC}$	Input Offset Voltage Drift	$-40^{\circ}C \leq T_A \leq 85^{\circ}C$ (Note 6)	●	2	4	$\mu V/^{\circ}C$

$V_S = \pm 15V$, $V_{CM} = 0V$, $V_{OUT} = 0V$, $T_A = 25^{\circ}C$, unless otherwise noted. (Note 2)

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
$V_{OS\ TC}$	Input Offset Voltage Drift	$-40^{\circ}C \leq T_A \leq 85^{\circ}C$ (Note 6)	●	3	6	$\mu V/^{\circ}C$

Note 2: The LT1490C/LT1491C are guaranteed to meet $0^{\circ}C$ to $70^{\circ}C$ specifications and are designed, characterized and expected to meet the extended temperature limits, but are not tested at $-40^{\circ}C$ and $85^{\circ}C$. The LT1490I/LT1491I are guaranteed to meet the extended temperature limits.

Note 6: This parameter is not 100% tested.

For further information regarding this specification notice contact:

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