



LV321

LINEAR INTEGRATED CIRCUIT

SINGLE GENERAL PURPOSE, LOW VOLTAGE, RAIL-TO-RAIL OUTPUT OPERATIONAL AMPLIFIER

DESCRIPTION

The UTC **LV321** is a single op amp with low supply current. It brings good performance in low voltage, low power operating systems. The UTC **LV321** has a guaranteed $0.8V/\mu s$ slew rate and a 1MHz unity-gain bandwidth, in low supply current. It provides heavy rail-to-rail (R-to-R) output swing loads and the input common-mode voltage range including ground. Besides, it is also capable for comfortably driving large capacitive loads.

The UTC **LV321** has bipolar input and CMOS output for improved noise performance and higher output current drive. It's the most cost effective solution for the applications where low voltage operation, space saving and low price are required.

FEATURES

- * 2.7V and 5V Performance Guaranteed
- * No Crossover Distortion
- * 130 μA Low Supply Current
- * Rail-to-Rail Output Swing @10k Ω Load: $V^+ - 25mV$
 $V^- + 15mV$
- * V_{CM} From $-0.2V$ to $V^+ - 0.8V$

ORDERING INFORMATION

Ordering Number		Package	Packing
Lead Free	Halogen Free		
LV321L-AF5-R	LV321G-AF5-R	SOT-25	Tape Reel
LV321L-AF5-A-R	LV321G-AF5-A-R	SOT-25	Tape Reel
LV321L-AL5-R	LV321G-AL5-R	SOT-353	Tape Reel

LV321G-AF5-A-R	(1) Packing Type (2) Packing Type (3) Package Type (4) Green Package	(1) R: Tape Reel (2) refer to Pin Assignment (3) AF5: SOT-25, AL5: SOT-353 (4) G: Halogen Free and Lead Free, L: Lead Free
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