



5518468 LINEAR TECHNOLOGY CORP

PRELIMINARY

LT1023

DAC Output Amplifier

76C 01817 D

## FEATURES

- 3 $\mu$ S Settling Time
- 1mV Offset Voltage
- 100nA Bias Current
- 18V/ $\mu$ S Slew Rate
- 3MHz Gain Bandwidth

## APPLICATIONS

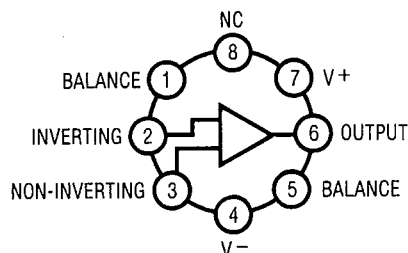
- DAC Output Amplifier
- Fast Inverting Amplifier

## DESCRIPTION

The LT1023 is a fast inverting op amp with 18V/ $\mu$ S slew rate as well as good DC characteristics. Designed as a DAC output amplifier, the LT1023 settles to 0.1% of a 10V step in a maximum of 3 $\mu$ S. The low offset voltage and drift eliminate the need for adjustments in most applications.

Other applications for the LT1023 are fast inverters, oscillators, or audio. Available in packages or dice for hybrids the LT1023 is compatible with the OP-01.

## PIN CONNECTIONS



NEW PRODUCTS

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