

***LTC News for Immediate Release***

For more information, tel. 408-432-1900  
Doug Dickinson, Media Relations Mgr., ext. 2233  
John Hamburger, Dir., Mktg Comm., ext. 2419  
[www.linear.com](http://www.linear.com)

**First 1.8V Dual & Quad Op Amps in DFN Packages**

MILPITAS, CA – February 28, 2006 – Linear Technology Corporation introduces the LT6001 and LT6002, the industry's first 1.8V dual and quad operational amplifiers available in a tiny DFN package. These micropower devices draw only 13uA per amplifier and have excellent performance characteristics. Input offset voltage is 500uV max at 25°C with a maximum drift of 5uV/°C over temperature. Inputs and outputs feature rail-to-rail-operation.

This combination of low supply voltage, low current consumption and excellent DC specifications in a tiny DFN package make these parts ideal for handheld and battery-powered applications.

For even greater power savings, the dual LT6001 in 3mm x 3mm package also includes a shutdown pin, allowing current consumption to drop to 1.5uA max when not in use. "The LT600x family pushes the envelope for combining precision, low power and high density," says Erik Soule, general manager of Linear Technology's Signal Conditioning product group. "This feature set is highly desirable in portable medical and industrial instruments."

The LT6001 and LT6002 are available now with prices starting from \$1.25 and \$2.00 each in 1,000-piece quantities.

## Summary of Features: LT6001 & LT6002

- Ideal for Battery-Powered Applications
  - Low Voltage: 1.8V Operation
  - Low Current: 16uA/Amplifier Max
  - Small Packages: DFN, MSOP, SSOP
  - Shutdown to 1.5uA Max (LT6001DD)
- Low Offset Voltage: 500uV Max
- Rail-to-Rail Input and Output
- Fully Specified on 1.8V and 5V Supplies
- Operating Temperature Range: -40°C to 85°C
- Available in 10-Lead & 16-Lead DFN, 8-Lead MSOP & 16-Lead SSOP Packages

## Company Background

Linear Technology Corporation, a manufacturer of high performance linear integrated circuits, was founded in 1981, became a public company in 1986 and joined the S&P 500 index of major public companies in 2000. Linear Technology products include high performance amplifiers, comparators, voltage references, monolithic filters, linear regulators, DC-DC converters, battery chargers, data converters, communications interface circuits, RF signal conditioning circuits, and many other analog functions. Applications for Linear Technology's high performance circuits include telecommunications, cellular telephones, networking products such as optical switches, notebook and desktop computers, computer peripherals, video/multimedia, industrial instrumentation, security monitoring devices, high-end consumer products such as digital cameras and MP3 players, complex medical devices, automotive electronics, factory automation, process control, and military and space systems. For more information, visit [www.linear.com](http://www.linear.com)

Contact:

Doug Dickinson, Media Relations Manager

**Linear Technology Corporation**

1630 McCarthy Boulevard


Milpitas, CA 95035-7417

[ddickinson@linear.com](mailto:ddickinson@linear.com)

408-432-1900

READER SERVICE: Call toll-free 1-800-4-LINEAR (for literature only), or go to the company's web site:

**<http://www.linear.com>**

**Note:** LT, LTC, and  are registered trademarks of Linear Technology Corp.