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Six Output DC/DC μ Module Regulator

MILPITAS, CA – December 1, 2010 – Linear Technology Corporation introduces the [LTM8008](#), a six-output DC/DC μ Module[®] regulator with guaranteed operation from -40°C to 150°C. The LTM8008 includes a 3V to 72V input SEPIC converter and six linear regulators, housed in a small 15mm x 15mm x 2.82mm LGA package. This highly integrated multiple output DC/DC μ Module regulator incorporates Linear's design and manufacturing expertise, addressing extremely dense point-of-load voltage regulation for markets such as automotive, defense and avionics.

The LTM8008 regulates a 3V to 72V input supply to 5.6V output with an onboard SEPIC converter with buck and boost conversion capability. This 5.6V, in return, powers six linear regulators to generate five 5V rails and one 3.3V rail with output currents ranging from 150mA to 500mA. The LTM8008 is rated for operation over extreme temperatures from -40°C to 150°C. All versions are available from stock. 1,000-piece price is set at \$19.00 each. For more information, visit www.linear.com/8008.


Photo Caption: Six Output DC/DC μ Module Regulator in 15mm x 15mm x 2.82mm LGA

Summary of Features: LTM8008

- 6 Linear Regulators & SEPIC Converter
- Wide Input Voltage Range: 3V to 72V
- Programmable Operating Frequency from 100kHz to 1MHz
- Programmable Soft-Start
- 15mm x 15mm x 2.82mm LGA Package

About Linear Technology

Linear Technology Corporation, a member of the S&P 500, has been designing, manufacturing and marketing a broad line of high performance analog integrated circuits for major companies worldwide for three decades. The Company's products provide an essential bridge between our analog world and the digital electronics in communications, networking, industrial, automotive, computer, medical, instrumentation, consumer, and military and aerospace systems. Linear Technology produces power management, data conversion, signal conditioning, RF and interface ICs, and μ Module[®] subsystems.

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