



Accelerate Firmware Development Time for Linear Technology ICs with the Linduino Platform

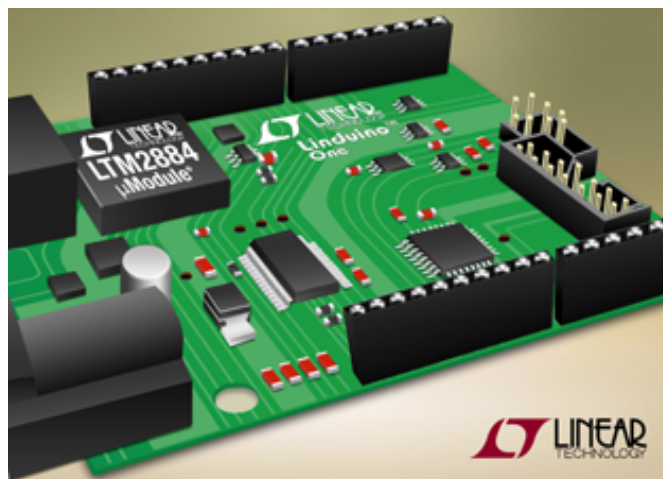
MILPITAS, CA – December 3, 2013 – Linear Technology Corporation announces the [Linduino™](#) One development tool, an Arduino-compatible platform for developing and distributing firmware libraries and code for Linear Technology's SPI and I²C-compatible integrated circuits. The Linduino One board interfaces to more than 300 QuikEval™ demonstration cards, supporting a variety of product types including analog-to-digital converters (ADCs), digital-to-analog converters (DACs), power monitors, intelligent Hot Swap™ controllers, temperature sensors, LED drivers, and battery management systems.

Firmware libraries for individual devices are written in C and designed to be portable to a wide variety of processors and microcontrollers. Each library has a demonstration program that can be uploaded to the Linduino One platform to allow the circuit and software to be quickly and easily verified. The free and open-source Arduino integrated development environment (IDE) compiles and loads the code into the Linduino One platform, with no additional programming hardware required.

The Linduino One tool is galvanically isolated from the host PC by an LTM2884 USB transceiver with isolated power. This provides an added measure of safety in high voltage applications such as telecom power monitoring and battery monitoring, and breaks ground loops in precision, low-noise ADC and DAC applications.

The [DC2026A](#) Linduino One board is available as a stand-alone product or can be purchased as a DC2026A-kit, in combination with the [DC934A](#), LTC2607 dual 16-bit I²C DAC and LTC2422 20-bit SPI ADC demonstration board. These demo kits can be purchased via Linear Technology's website or via our authorized Digi-Key, Newark, Farnell or Element14 distributors. Pricing begins at \$75.00 each for the DC2026A and \$125.00 each for the DC2026A kit. For more information, visit www.linear.com/Linduino.


Linduino One Firmware Development Board



[Click Photo for High-Res Image](#)

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 over 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, μModule® subsystems, and wireless sensor network products. For more information, visit www.linear.com.

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