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Linear Technology Corporation & PowerbyProxi Announce Partnership to Bring Wireless Power Transfer to Demanding Markets

MILPITAS, CA & PLEASANTON, CA – October 7, 2013 – Linear Technology Corporation (NASDAQ: LLTC) and PowerbyProxi (www.powerbyproxi.com) today announced that they have been working in partnership to develop wireless power systems for use in a range of applications and environments. As a first result of that partnership, Linear Technology today introduced the [LTC4120](#) integrated circuit which combines a wireless power receiver with a full-featured battery charger to implement the receiver side of a complete wireless power transfer system – a first for the company and a revolutionary product for wireless battery charging (<http://cds.linear.com/docs/en/press-release/LTC4120.pdf>). The chip implements PowerbyProxi's patented Dynamic Harmonization Control (DHC) technology, which allows for dynamic load management across the power transfer interface to increase transmission range, reduce sensitivity to misalignment and to overcome the thermal issues that typically plague wireless receiver designs. The LTC4120 works with a range of transmitter solutions, including those manufactured by PowerbyProxi.

LTC4120-based wireless power systems are targeted at demanding industrial and military applications including handheld medical devices, portable diagnostic equipment, lighting and signaling equipment and any applications where a fully-sealed unit is required for waterproof, sanitary or no-spark operation.

“We chose to partner with PowerbyProxi due to their proven track record in creating wireless power solutions for the most challenging environments,” said, Lothar Meier, CEO, Linear Technology Corporation. “Their wireless power transmission IP is an enabling technology and an important addition to our existing power management portfolio. By enabling the transfer of power through air gaps or even solid objects, PowerbyProxi has allowed us to significantly extend our capabilities.”

“We have long admired Linear Technology’s leadership in the development of advanced power management ICs for broad performance-driven applications,” said Greg Cross, CEO, PowerbyProxi. “Linear’s LTC4120 receiver IC, coupled with advanced PowerbyProxi transmit solutions, will satisfy the most difficult application environments.” said Cross.


Prospective customers wishing to learn more should visit
www.linear.com/product/LTC4120 .

About PowerbyProxi

PowerbyProxi has developed the world’s most advanced and safest wireless power system. We give consumer electronics and industrial product designers the freedom to wirelessly transfer efficient power in the most difficult places: from a miniaturized receiver inside a AA battery to a mission critical solution in the demanding and hostile environment of a wind turbine control system. PowerbyProxi has worked with customers on over 50 real world projects and built its deep technical know-how by initially focusing on complex industrial applications. We have also created the first commercial wireless recharging system capable of 3D power transfer, regardless of how the device is positioned in the recharging unit. PowerbyProxi is a spin-out of the University of Auckland’s world-leading engineering department and holds an unrivaled patent portfolio with 126 patents issued worldwide. For more information visit:
www.powerbyproxi.com.

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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