

Release No. CEL133

CEL's MeshConnect™ EM357 Mini Modules Deliver Best-In-Class ZigBee Performance

Smallest Ember-based modules available

Santa Clara, Calif. — April 23, 2012 — California Eastern Laboratories (CEL) announces sample availability of its new MeshConnect™ EM357 Mini Modules, powered by the premier ZigBee chip, the EM357 from Ember Corporation.

High Performance ZigBee with Mini Footprint

Running the leading ZigBee stack, EmberZNet PRO™, CEL Mini Modules enable monitoring and control in Energy Management, Smart Home, LED lighting and Machine-to-Machine applications.

MeshConnect EM357 Mini Modules feature the smallest footprint of all Ember-based modules available today. Designs benefit from sharply reduced PCB real estate, enabling smaller form factors and lower costs while achieving higher performance. Low- and high-output powers (+8dBm and +20dBm) allow designers to choose radio performance that best suits their requirements. With a highly integrated front end IC, the high-power modules provide a market leading +123 dB link budget.

The Smart Choice for ZigBee Development

“We’re thrilled with our strong relationship with Ember and we continue to bring leading edge ZigBee technology to market,” said Tom Benson, VP of Embedded Systems for CEL. “Ember’s engineering excellence in ICs and software combined with CEL’s expertise in professional-grade module design and production continue to produce a winning combination for our customers.”

CEL’s 52 years of RF design experience includes hardware, software and sub-system development across a wide range of applications. This experience is now available to customers. CEL’s development support teams in Silicon Valley and Chicago provide design services to accelerate projects and reduce time-to-market.

Pricing and Availability

CEL is sampling MeshConnect EM357 Mini Modules now. Mass Production begins in July 2012. Part numbers are ZICM357SP0-1 (low-output power) and ZICM357SP2-1 (high-output power). Pricing is <\$15 in thousand-piece quantities.

For more information, please visit:

<http://www.cel.com/product.do?command=viewOverview&group=5>

Please contact Sam Yacoub at samir.yacoub@cel.com for further information or to arrange a detailed briefing.



About CEL

California Eastern Laboratories (www.cel.com) develops the MeshConnect™ line of IEEE 802.15.4/ZigBee radio modules and transceiver ICs and is a member of the ZigBee Alliance (www.zigbee.org). CEL is also the exclusive sales and marketing partner in North and South America for products from the Compound Semiconductor Devices Business Division (CSDBD) of Renesas Electronics Corporation.