

## **CEL's MeshConnect™ Sub-G Modules Deliver Superior Performance**

***CEL launches first sub-GHz modules combine exceptional range and power efficiency with a wide variety of software platforms, enabling easy to build networks and decreasing time to market.***

**Santa Clara, Calif. — March 22, 2011** — California Eastern Laboratories (CEL) is now offering its new MeshConnect™ Sub-G modules, built on the highly integrated circuits (ICs) for wireless applications, the Si1000 and Si1002 from Silicon Labs.

### *Longer Range communications*

Targeting dense operating environments, CEL's MeshConnect Sub-G modules deliver superior range and performance. Their low power consumption enables longer battery life and their link budgets provide reliable transmission in non line of sight applications such as lighting control, industrial sensor networks, serial wire replacement, metering, irrigation and more. At +13 and +20 dBm power outputs, the new Sub-G modules offer 868 MHz (Europe) and 915 MHz (Americas) ISM band options. As certified and qualified modules, the MeshConnect Sub-G solutions eliminate the need for costly certifications, reducing overall system cost and accelerating time to market.

### *Multiple software solutions support a wide variety of applications and accelerate time to market*

The MeshConnect Sub-G modules support multiple software stacks including Synapse SNAP™ embedded OS, wireless M-Bus, Silicon Labs EZMac, and CEL's API. The SNAP software stack supports comprehensive mesh networks with unprecedented ease of use. Targeting the European metering market, CEL's 868 MHz Sub-G module supports the wireless M-Bus stack.

"We're thrilled to partner with Silicon Labs to bring such leading edge technology to market," said Rich Howell, Director of Business Development for CEL. "The engineering excellence that Silicon Labs brings to market at the IC level along with CEL's expertise in module design will produce a winning combination for our customers."

### *Expanding MeshConnect Family*

The new Sub-G modules add depth to the expanding family of MeshConnect products, which include the MeshConnect System on Chip IC, the original MeshConnect module for simple 802.15.4 applications, the MeshConnect Extended Range module and the MeshConnect EM357 for Smart Energy applications.

### **Pricing and Availability**

The MeshConnect Sub-G modules are sampling now. Mass Production is available June 2011. Part numbers are ZICM0868P0-1 (868 MHz Europe) and ZICM0900P2-1 (900 MHz Americas). Pricing is <\$19 in thousand-piece quantities.

**For more information**, please visit:

<http://www.cel.com>

Please contact Rich Howell at [rich.howell@cel.com](mailto:rich.howell@cel.com) for further information or to arrange a detailed briefing.

#### **About CEL**

California Eastern Laboratories ([www.cel.com](http://www.cel.com)) develops the MeshConnect™ line of IEEE 802.15.4/ZigBee and other radio modules and transceiver ICs and is a member of the ZigBee Alliance ([www.zigbee.org](http://www.zigbee.org)).