Telit launches new generation of one of market’s smallest cellular modules at MobileCON 2012

Telit Wireless Solutions announced the launch of its GL865-DUAL V3 banded for Asian, European, and Latin American GSM/GPRS cellular markets to be premiered at MobileCON in San Diego. The product is a backwards-compatible version of the popular and widely adopted GL865 product family but based on the latest Intel single-chip, 65nm process CMOS technology and slated to be available and cost-controlled for many years out. The new generation GL865 operates with 1.8V GPIOs versus its predecessor’s 2.8V, minimizing power consumption and making it even more ideally suited for battery powered and wearable device applications.

The dual-band 900/1800MHz GL865-DUAL V3 supports the Python programming language and is packaged slightly different from its predecessor. The new V3 features VQFN packaging versus LCC castellation in the original GL865, maintaining full pad-level compatibility. New physical characteristics and cost reduction of the new package better align the product for applications in automated meter reading, security, battery powered asset tracking, among others. Fully voice capable, the GL865-DUAL V3 provides analog and PCM audio inputs and outputs for applications such as voice enabled alarm panels, mHealth patient monitors, and specialty phones such as those for the elderly or sensory-impaired. For easy integration with high level operating systems, the product includes cellular modem (RIL) device drivers for most operating system platforms.

“The GL865 is a very successful product line that we are extending by adding the

most competitive pricing and low-power variant in order to upgrade current and new designs for a long time to come," said Dominikus Hierl, Chief Marketing Officer at Telit Wireless Solutions. "With this new version integrators can count on availability for even the longest life cycle applications."

The GL865-DUAL V3 can be easily bundle-designed with Telit's GPS or GPS/GLONASS receivers for applications requiring location information such as fleet management and track-and-tracing; with the aid of available reference designs and global technical integration support from Telit.

As the industry's only technology company dedicated solely to M2M, with its wireless module technology and newly launched value-added services, Telit enables solution providers to easily create and manage their M2M applications reducing total-cost-of–ownership (TCO) necessary to operate and support user-applications while ensuring highest quality and reliability.

The GL865-DUAL V3 will be available starting December, 2012 with a range of development tools, Python scripts, associated documentation, and engineering design samples available now.

Further information on these services can be found at www.m2mAIR.com [1]

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Links:
[1] http://www.m2mAIR.com