Modules feature dual-band 3G, GSM/GPRS/EDGE support

Telit Wireless Solutions announced the introduction of the UE910 V2 HSDPA and HE910 V2 HSPA+ modules based on Qualcomm Technologies, Inc. chipsets, each to be banded for European and North American markets. Both products feature dual-band 3G and GSM/GPRS/EDGE support. The entry-level 3G UE910 V2 is based on Qualcomm Technologies' QSC6270 chipset and delivers a top 3.6Mbps downlink data rate. The HE910 V2 is based on Qualcomm Technologies' MDM6200 chipset and delivers up to 14.4Mbps downlink and 5.76Mbps uplink data rates.

The new products are fully compatible with Telit's xE910 family and can be easily dropped into existing or planned designs for xE910 modules requiring no additional rework. Positioned at entry-level and mid-range respectively, the new Qualcomm Technologies-based UE910 V2 and HE910 V2 modules enable the Telit xE910 family to enhance cross-technology compatibility with its other popular global air-interface technologies. The application of the Qualcomm Technologies chipsets improves interchangeability between CDMA (1xRTT, EV-DO) and UMTS (HSDPA, HSPA+) variants making the adaptation of customer applications to regional technical requirements quick and easy, minimizing time to market and total cost of ownership.

The QSC6270-based UE910 V2 is to be positioned as a 2G to 3G migration path product, and includes high-value features such as analog audio, making it ideal for applications from home and commercial security and surveillance systems, to asset

monitoring, logistics, and mass-transit monitors. Telit is planning a UE910 V2 variant based on QSC6270-Turbo with additional support for Java J2ME 3.2 and eCall.

The MDM6200-based HE910 V2 is fully digital audio capable, supports both GPS and GLONASS location technologies, and provides full-duplex PCM input and output. These features combined with the up to 14.4Mpbs downlink and 5.76Mbps uplink data rates make the product ideal for applications such as a video surveillance and security, and other emerging applications areas such as healthcare, Smart Home, and Smart Grid.

Both the UE910 V2 and HE910 V2 will be available in local band-group variants as required for all major carriers and partner networks in North America and Europe. The Qualcomm Technologies-based products will be available in North America with 850/1900MHz and in Europe with 900/2100MHz dual-band combinations. Both regional variants will be available in data-only as well as data & voice variants.

Telit Wireless Solutions
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