

Mistral Software Introduces OMAP5912-based WLAN Reference Design

IT News Online Staff
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Mistral Software, a provider of end-to-end professional services and reference designs in the embedded space, has announced the availability of its new OMAP5912-based WLAN Reference Design (WRD) featuring SyChip's low power, small footprint fully integrated IEEE 802.11g/b Chip Scale Module (CSM).

Targeted at the niche mobile and wireless computing market, the WRD provides product developers a head start towards building their next generation wireless enabled mobility solutions.

The WLAN Reference Design supports four RF modules: WLAN, BLUETOOTH, GSM/GPRS and GPS on a single small form factor board and supports Microsoft Windows CE 5.0/Windows Mobile on TI's OMAP5912 processor. The small footprint and low-power consumption of the WRD provides product developers with an easy-to-use platform to simulate or test the wireless connectivity of their mobile applications.

The WLAN functionality on the board is provided using SyChip's WLAN6100EB, an IEEE 802.11g feature set optimized for mobile handheld devices with advanced power save functions, security capability and physical form factor. The 6100 Embedded Module, with its size, electrical performance and plug-and-play capability combined with the other RF capabilities on the board like 802.11g, GPS, Bluetooth and mobile telephony, ensure that product developers and designers using the WLAN Reference Design are equipped with the best and the latest robust mobile device to jumpstart the development of their size constrained and power sensitive wireless enabled devices.

The WLAN Reference Design can be used by developers who are designing wireless devices that go beyond basic wireless connectivity. With support for various other wireless technologies like GPS, Bluetooth and mobile telephony, companies can design products for various vertical markets.

"Our goal is to provide solutions that help product designers and developers shorten their development life cycle and bring products-to-market faster. By leveraging the robust capabilities of our WLAN Reference Design and its comprehensive functionality, developers can accelerate their system integration and product realization process. We are looking at licensing the WRD to product vendors in various verticals and can even help customize this design for specific applications." said Anees Ahmed, CEO, Mistral Software Inc.

"The growing presence of wireless LAN access points and hotspots is creating a demand for smart mobile devices with built-in connectivity," said Samyeer Metrani, VP (Product Development) at Mistral. "Our enterprise with SyChip gives us the confidence to continue to provide our customers with world class technology solutions that minimize the time and effort required to bring out such smart mobile devices to meet the demanding requirements of the future."

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