SyNode 3020 enables integration of ZigBee functionality in smart energy end devices

SyChip, Inc., a leader in Radio Frequency Chip Scale Modules (CSM) and a subsidiary of Murata Manufacturing Co., Ltd., today announced the introduction of their SyNode Smart Energy Embedded Module. The SyNode Device (SN3020) is the smallest, lowest-power, fully compliant ZigBee module supporting Smart Energy and Home Automation profiles.

The SN3020 integrates a ZigBee system on a chip transceiver, power amplifier (PA) and LNA low noise amplifier (LNA) to achieve best-in-class radio performance with +20dBm output power and -103dBm receiver sensitivity. It also includes 512KB of serial flash for Smart Energy data-logging. The SN3020 measures just 420mm² (0.65 square inches) and offers best-in-class power consumption using SyChip's power-management protocol.

"SyNode family of products are meant to enable wireless sensing and connectivity in the emerging market for "The Internet of Things'", said Dr. Moses Asom, president and co-founder of SyChip, Inc. "With the SN3020, we are providing a complete wireless sub-system that can be easily integrated into electric meters, industrial machinery, home appliances, thermostats and many other applications for energy conservation and management."

The SyNode 3020 is priced between $14 and $28 in low volumes. For additional details please contact dmccain@sychip.com [1].

About SyChip, Inc.
SyChip, Inc. a subsidiary of Murata Manufacturing Co., Ltd. develops and markets chip scale modules, semiconductors and software for the wireless mobile market. The company's RF modules are differentiated due to proprietary integration and low loss silicon technologies. As a result of this integration, world-class RF system design, proprietary multifunction ASICs, software and smart utilities, SyChip's RF designs drastically reduce component count, offer very small footprints and are easy to integrate into mobile devices. Customers benefit by significantly reducing their time-to-market, increasing performance and improving reliability of their wireless devices. SyChip has received multiple awards, including Internet Telephony's 2009 "WiMAX Distinction Award".

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