

## **MindTree Launches Bluetooth RF IP Enabling Complete SoC Integration**

MindTree Ltd., a global IT solutions and product engineering services company, announced the launch of its Bluetooth RF Intellectual Property (IP) offering, designed to provide sensitivity and Interference Tolerance performance, at 1.2 V, exceeding Bluetooth specifications.

The RF IP complements MindTree's market-proven Bluetooth suite of IPs consisting of baseband controller, digital PHY (Physical Layer), stack and profiles. With this IP offering, MindTree now provides customers a single component supplier to address all their Bluetooth needs.

The RF IP offers best-in-class performance with the key advantages of small die size and ultra low power consumption, making it ideal for integration onto System-on-Chip (SoC). As market segments such as medical, healthcare, and automotive ramp up Bluetooth adoption, and set top boxes and digital TVs emerge as new Bluetooth segments, the increased volume of Bluetooth shipments will bring down costs. This will in turn necessitate the integration of Bluetooth onto the main SoC of a product or a combination SoC for connectivity along with WLAN, FM and GPS.

"We are seeing tremendous market demand for a complete Bluetooth solution. With the introduction of our RF IP, we are geared to address all the Bluetooth needs of our customers - from antenna to software," said Dr. Rajesh Zele, Vice President, R&D Services, MindTree. "Our Bluetooth RF IP enables our customers to 'Just Add Bluetooth' to any SoC without having to go through expensive multiple spins to get the sensitive RF IPs working in the digital noise dominated substrate."

The Bluetooth RF IP is targeted at the 65nm RF CMOS process and will be available to customers in the fourth quarter of 2010. The IP is compliant with Bluetooth specification version 2.1+EDR and is easily adaptable to the Bluetooth 4.0 (Bluetooth low energy) specification.

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<http://www.wirelessdesignmag.com/news/2010/08/mindtree-launches-bluetooth-rf-ip-enabling-complete-soc-integration>