



## Mindtree Enables Next Generation Bluetooth® Low Energy Chips at Cypress

*Provides High-Performance, Low-Power Connectivity to Programmable SoC Solutions*

**Warren (NJ) and Bangalore (India), February 18, 2015:** Mindtree, a global technology services company, today announced that its BlueLitE Bluetooth® intellectual property (IP) has been incorporated into the new PSoC® 4 BLE and PRoC™ BLE system-on-chip products from Cypress Semiconductor Corp., a leading provider of programmable solutions. Mindtree's Bluetooth Smart link layer, stack and profile components, combined with a unique set of technology components from Cypress, have delivered a highly integrated range of single-chip Bluetooth® Smart solutions. These solutions have simplified the design of low-power, sensor-based systems for the Internet of Things (IoT) market, as well as for traditional markets such as human interface devices, remote controls and toys.

The market for wearables and connected devices is driving investments in core technologies and the IoT platforms that bring them together. Today's end users demand a seamless experience and it is expected that underlying platforms will deliver that experience. As the delivery ecosystem continues to evolve, Mindtree is making investments in IP and solution offerings to enable partners to meet and exceed user experience expectations.

Cypress Bluetooth Low Energy solutions enable complete systems by integrating a Bluetooth Smart radio, a high-performance 32-bit ARM® Cortex™-M0 core with ultra-low-power modes, programmable analog blocks, and Cypress's industry-leading CapSense® capacitive touch-sensing functionality. This combination of technology delivers unmatched system value for Bluetooth Smart products, with prolonged battery life, customizable sensing capabilities, and sleek, intuitive user interfaces.

Jayanth Krishna, Director - Short-range Wireless, Mindtree, said, "Product and device companies need chips that are highly programmable with built-in Bluetooth wireless to build high quality products quickly. It's increasingly important that new products have connectivity built into their core technology to keep pace with the rapidly diversifying wearable and IoT markets. Mindtree's market proven and highly configurable IPs seamlessly enables such rapid development."

Jayant Somani, Senior Director of Bluetooth Low Energy products at Cypress said, "Adding Mindtree's low power Bluetooth IP to Cypress's PSoC and PRoC products and our CapSense touch-sensing technology has allowed us to create unique single-chip solutions that are tailor-made for Internet of Things applications and other sensor-based systems. PSoC 4 BLE and PRoC BLE are easy to use and have achieved





Bluetooth 4.1 qualification with Mindtree's underlying IP, cutting design time for our customers and allowing them to go to market quickly."

Mindtree is in its 15<sup>th</sup> year of offering a comprehensive portfolio of Bluetooth intellectual property solutions and a range of design, engineering, testing and consulting services to semiconductor vendors and OEMs. The IP portfolio includes certified, customizable, ultra-low power and footprint silicon IP for Bluetooth® Smart 4.1 and 4.2, and ultra-compact, complete certified portfolio of protocol stack and profiles IP for Bluetooth® Smart 4.1 and 4.2. Mindtree also offers a feature-rich and compact Bluetooth® Smart Ready 4.1 and 4.2 and Bluetooth® Classic protocol stack and profiles.

#### **Additional Resources**

- Mindtree [Bluetooth Expertise](#)

#### **About Cypress**

Cypress delivers high-performance, mixed-signal, programmable solutions that provide customers with rapid time-to-market and exceptional system value. Cypress offerings include the flagship PSoC 1, PSoC 3, PSoC 4 and PSoC 5LP programmable system-on-chip families. Cypress is the world leader in capacitive user interface solutions including CapSense touch sensing, TrueTouch® touchscreens, and trackpad solutions for notebook PCs and peripherals. Cypress is a world leader in USB controllers, which enhance connectivity and performance in a wide range of consumer and industrial products. Cypress is also the world leader in SRAM and nonvolatile RAM memories. Cypress serves numerous major markets, including consumer, mobile handsets, computation, data communications, automotive, industrial and military. Cypress trades on the NASDAQ Global Select Market under the ticker symbol CY. Visit Cypress online at [www.cypress.com](http://www.cypress.com).

#### **About Mindtree**

Mindtree [NSE: MINDTREE] delivers technology services and accelerates growth for Global 1000 companies by solving complex business challenges with breakthrough technical innovations. Mindtree specializes in e-commerce, mobility, cloud enablement, digital transformation, business intelligence, data analytics, testing, infrastructure, EAI and ERP solutions. We are among the fastest growing technology firms globally with more than 200 clients and offices in 14 countries.





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For Mindtree Limited

A handwritten signature in blue ink, appearing to be "S. Bahou", written over a horizontal line.

Authorised Signatory

