



**FOR IMMEDIATE RELEASE**

**ZIGBEE RF4CE SPECIFICATION AVAILABLE FOR DOWNLOAD**  
*ZigBee supply chain primed and ready for RF remote control products*

**SAN RAMON -- Sept. 9, 2009** – The ZigBee® Alliance, a global ecosystem of companies creating wireless solutions for use in energy management, commercial and consumer applications, today announced the ZigBee RF4CE specification for advanced remote controls is now available for public download. ZigBee RF4CE replaces infrared (IR) with radio frequency (RF) communication in remote controls, allowing non-line-of-sight operation, greater range and longer battery life for consumer electronic (CE) remote controls used with HDTV, home theater equipment, set-top boxes and other audio equipment.

The ZigBee RF4CE wireless platform enables CE manufacturers to create consumer products and features that are unique, secure, low-cost, easy to deploy and interoperable with other ZigBee RF4CE certified products. Freescale Semiconductor and Texas Instruments have ZigBee RF4CE certified platforms. Other platform suppliers are now able to seek platform certification and further broaden the already strong ZigBee supply chain.

“The ZigBee RF4CE specification increases the value of manufacturers’ remote control products, boosting possibilities for innovation, interactivity and reliability,” said Bob Heile, chairman of the ZigBee Alliance. “RF remote controls enable seamless command confirmation with components like HDTVs, home theater equipment, set-top boxes and other CE products. They will truly enrich consumers’ everyday digital experience.”

Announced in March 2009, ZigBee RF4CE is a standardized specification for RF remote controls that enables faster, more reliable and greater flexibility for devices to operate from longer distances. It removes the line-of-sight and field-of-vision barriers in today’s IR remotes and by supporting two-way communication, it opens the door for a whole new set of capabilities. The ZigBee RF4CE specification is designed for a wide range of products, including home entertainment devices, lighting control, security monitoring, keyless entry systems and many more.

The RF4CE specification is available for public download at <http://www.zigbee.org/Products/DownloadTechnicalDocuments/tabid/465/Default.aspx>. For an overview, download the “Understanding ZigBee RF4CE” technology paper available at <http://www.zigbee.org/imwp/download.asp?ContentID=16212>.

**ZigBee RF4CE: More flexibility and control**

The ZigBee RF4CE specification is based on IEEE 802.15.4. MAC/PHY radio technology in the 2.4GHz unlicensed frequency band and enables worldwide operation, low power consumption and instantaneous response time. It allows omni-directional and reliable two-way wireless communication, channel agility for enhanced co-existence with other 2.4GHz wireless technologies, simple secure set-up and configuration. For more details, visit [www.zigbee.org/rf4ce](http://www.zigbee.org/rf4ce).

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### **ZigBee: Control your world**

ZigBee is the global wireless language connecting dramatically different devices to work together and enhance everyday life. The ZigBee Alliance is a non-profit association of more than 300 member companies driving development of ZigBee wireless technology. The Alliance promotes worldwide adoption of ZigBee as the leading wirelessly networked, sensing and control standard for use in consumer electronic, energy, home, commercial and industrial areas. For more information, visit: [www.ZigBee.org](http://www.ZigBee.org).

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