

Bluetooth Radio Modem Module



Taiyo Yuden announced that its Bluetooth[®] RM (Radio Modem) Module has earned certification for compliance with the requirements of Bluetooth Specification Version 1.0b. The module, measuring 15.1 mm \times 12.7 mm \times 2.2mm, includes maximum output to 4 dBm, and is designed for use in a variety of mobile applications, among them cellular phones and personal digital assistants.

Taiyo Yuden's certified module is built on the Odyssey SiW 1502 Radio Modem IC developed by Silicon Wave, Inc. The single-chip radio modem utilizes Silicon-on-Insulator (SOI) BiCMOS process technology and direct conversion demodulation, resulting in high-isolation, low switching loss, use of fewer subcomponents (such as SAW filters or LC filters), and thus lower cost and smaller size.

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http://www.wirelessdesignmag.com/product-releases/2001/02/bluetooth-radio-modem-module?qt-digital_editions=0&qt-blogs=0