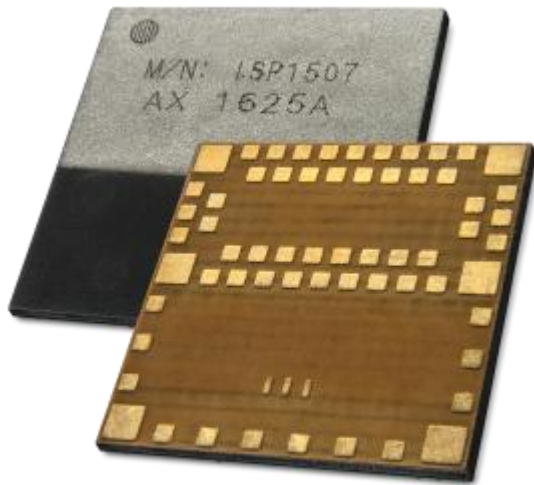


<http://www.electronicsworld.com/news/business/insightsip-launches-8x8x1-ble-module-2016-09/>

By [David Manners](#) 6th September 2016

## InsightSIP launches 8x8x1mm BLE module

Insight SIP is releasing the ISP1507 BLE module which measures 8x8x1mm.



The module integrates the nRF52832 chip from Nordic Semiconductor (running Bluetooth 4.2) – offering a 32 bits ARM Cortex M4 CPU, 512 kB flash memory, analog and digital peripherals SPI, I2C and GPIO.

Combined with its integrated 32 MHz and 32 KHz crystal, RF antenna and matching circuit, this module forms a fully featured standalone Bluetooth Low Energy node.

Power consumption is typically 5.5 mA for transmission and reception, 1.5  $\mu$ A for standby mode and 0.7  $\mu$ A for deep sleep mode.

Transmission output power reaches +4 dBm and reception sensitivity -96 dBm.