

Bluetooth® Smart Modules

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EYSHCN Series

Specifications

- Frequency: 2402 to 2480 MHz
- Output power: +4dBm typ.
- Single power supply: 1.7-3.6V
- ARM® Cortex® M4F 32bit processor
- 512 KB Flash and 64 KB RAM
- FCC/IC/Japan qualified
- RoHS-compliant and lead free
- Interface: SPI, UART, I²C, I²S PDM, and 12-bit ADC
- Operating temperature -20° to 75°C

EYSHCNZXZ Features

- Bluetooth® 4.2 low energy
- ANT™ + Single-mode Bluetooth Smart slave
- Nordic nRF52832
- Integrated system clock, LC for DC/DC
- Integrated high performance pattern antenna
- FCC/IC/Japan qualified
- Outline: 9.6 x 12.9 x 2.0 mm with 1 mm pad pitch