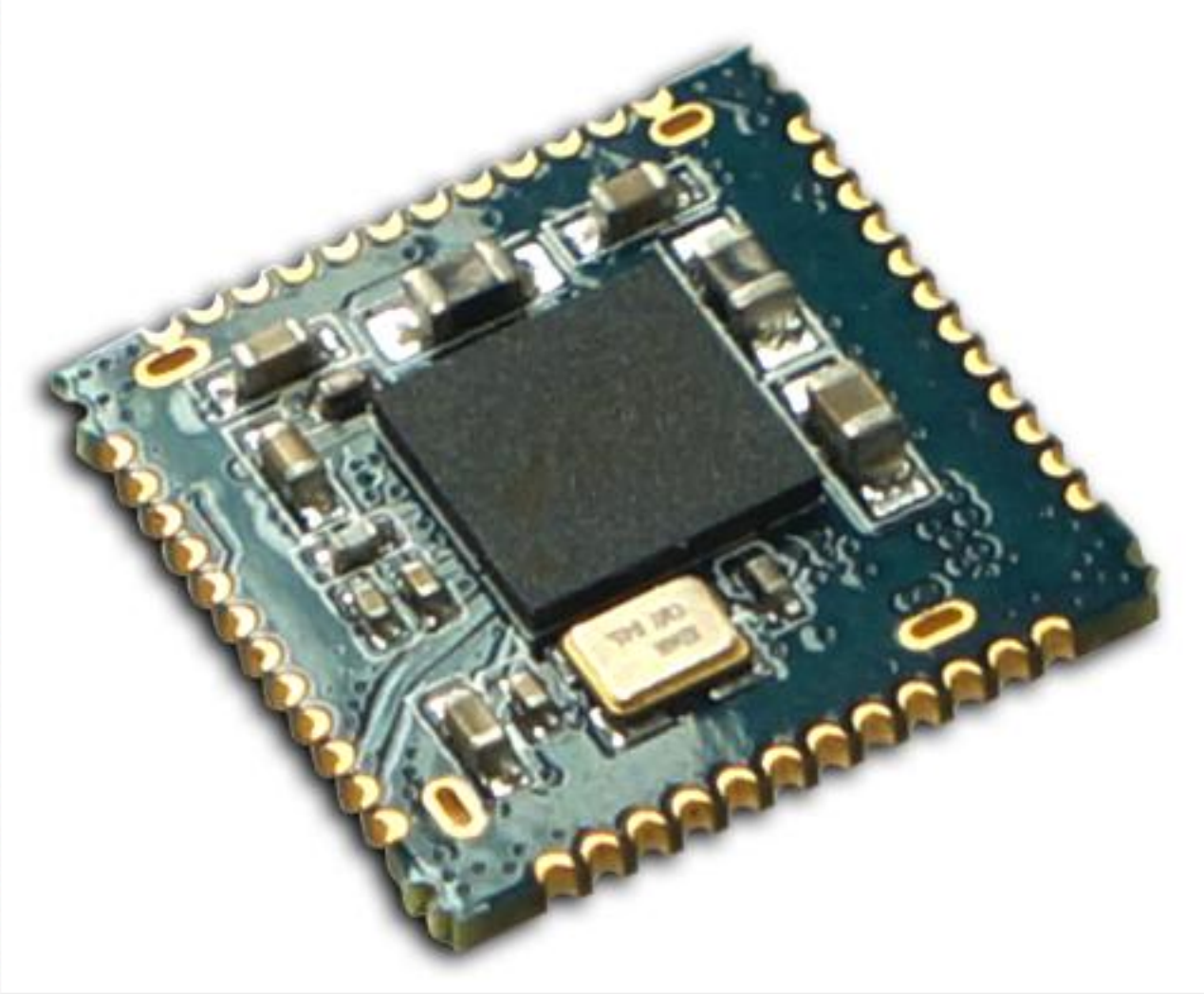


BC870FNA



Bluetooth 4.0 LE and Classic dual-mode module with built-in flash for complete audio and data application firmware programming. Support Bluetooth Smart LE GATT data transfer for smartphone app control. External antenna required.

Antenna Type	External
Chipset	CSR8670
Standard Compliance	Bluetooth 3.0 / Bluetooth 4.0
MEMORY	16Mbit Flash
audio	• PCM, I2S and SPDIF digital audio interface • High-performance stereo audio DAC • 2 ADC channels for analog mic input • Up to 6 digital microphone input
HANDSFREE	YES
Dimensions	16.5 x 16.5 x 2.3 mm
SHIELDING	NO
Applications	• TVs and home entertainment systems • Soundbars • Audio Docking Stations • Audio Transmitters • Car Kit • Tablets/PCs/Mobile • Wearable audio with sensors • Wired/wireless headphones for music/gaming • Wired/wireless speakers and speakerphones • Professional audio systems
Features	• BLE GATT for smartphone app control • 80MHz RISC MCU for applications • Ultra-low-power 80MIPS Kalimba DSP • I2C, SPI, UART • Support apacitive touch sensor inputs • Integrated battery charger • Support CSR's latest CVC technology • Narrow-band and wideband noise reduction

CATEGORY:

- Bluetooth Audio