

CSR8615

Description

The BlueCore® CSR8615™ QFN single-chip Bluetooth audio ROM device targets mono speakers and headsets

Key Features

- Bluetooth® v4.0 specification compliant
- Radio includes integrated balun and RF performance of 9dBm transmit power and -91dBm receive sensitivity
- Wideband speech supported by HFP v1.6 profile and mSBC codec
- 80MHz RISC MCU and 80MIPS Kalimba DSP
- Internal ROM, serial flash memory and EEPROM Interfaces
- High performance Mono CODEC
- SBC, MP3 and AAC decoder support
- Support for 1 microphone inputs
- CSR's latest CVC technology for narrowband and wideband voice connections including wind noise reduction
- Stereo Line-in
- Integrated dual switch-mode regulators, linear regulators and battery charger
- 3 hardware LED controllers (for RGB)
- 68-lead QFN 8x8 x 0.9mm 0.4mm pitch package

Benefits

- Single-chip solution for portable mono Bluetooth speakers / speakerphones , 1-mic mono headsets and hands-free car kits
- Highly integrated single-chip in QFN package for low eBOM and reduced manufacturing costs
- Delivers a quality Bluetooth audio experience to cost sensitive products

Sales Offices

Your Local Sales Representative

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