

CSR8311

CSR8311 is a Bluetooth v4.1 single-chip radio and baseband IC for automotive applications. CSR8311’s dual-mode radio enables it to connect to the billions of Bluetooth products already on the market, as well as a new generation of Bluetooth low energy devices. The CSR8311 provides a system fully qualified to the Bluetooth v4.1 specification for data and voice communications.

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CSR8311 Specs

Bluetooth

- Bluetooth Version
- Bluetooth 4.1
- Bluetooth Technology
- Bluetooth Low Energy
 - Dual-mode Bluetooth
- Maximum Output Power
- 9.5dBm transmitter
- Bluetooth Radio
- 50Ω
 - 92.5dBm receiver sensitivity
- Class Support
- Class 3
 - Class 2
 - Class 1

USB

- USB Version
- USB 2.0

Audio

- Digital Microphone Input
- 2 digital mics

Interface

- Supported Interfaces
- UART
 - USB 2.0
 - PCM
 - I²S

Package

- Package Type
- QFN
 - 6 x 6 x 0.9 mm 0.5 mm pitch QFN
- Package Size
- 0.5mm Pitch