

CSR8811

CSR8811 and Qualcomm BlueCore are products of Qualcomm Technologies International, Ltd.

CSR8811 Chipset

The CSR8811 chipset is a Bluetooth v4.1 single-chip radio and baseband IC for consumer electronics devices.

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CSR8811 Specs

Bluetooth

Bluetooth Version

- Bluetooth 4.1

Bluetooth Technology

- Bluetooth Low Energy
- CSRmesh™ technology
- Dual-mode Bluetooth

Maximum Output Power

- Up to +9dBm

Bluetooth Radio

- 95dBm receiver sensitivity
- 50Ω

Class Support

- Class 3
- Class 2
- Class 1

Bluetooth Profiles

- HFP v1.6

USB

USB Version

- USB 2.0

Power Management

Maximum Input Voltage

- 5.5V

Interface

Supported Interfaces

- UART
- USB 2.0
- PCM
- I²S

Operating Temperature Range

Maximum Temperature

- 85°C

Minimum Temperature

- 30°C

Package

Package Type

- 2.57 x 3.21 x 0.6 mm 0.5 mm pitch WLCSP