CSR65700

Subwoofer ROM Solution

CSRA65700 QFN is an audio sink device for wireless subwoofer speakers based on Qualcomm Technologies International, Ltd.'s Subwoofer Audio Transfer (SWAT) transport mechanism. CSRA65700 QFN combines with any SWAT capable source, in the sound bar or AVR, designed to form a robust wireless subwoofer link in a high fidelity multi-channel audio system.

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CSRA65700 specs

Bluetooth

Bluetooth Version

- Bluetooth 4.0

Maximum Output Power

- 8dBm transmitter

Bluetooth Radio

- 50Ω
- -91bBm receiver sensitivity

Class Support

- Class 3
- Class 2
- Class 1

DSP

DSP Technology

- Qualcomm® Kalimba™ DSP

DSP Bit Architecture

- 24-bit

MCU

MCU Clock Speed

- 80MHz

Memory

RAM

- 56KB RAM

Interface

Supported Interfaces

- UART
- I²S
- SPI
- I²C

Input/Output

ADC

- 1 ADC

DAC

- 1 DAC

PWM (LED)

- 3

Package

Package Type

- QFN
- 8 x 8 x 0.9 mm 0.4 mm pitch QFN

Package Size

- 0.4mm Pitch

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