MOVON
MOVON CORPORATION

Multimedia Solution

MD-BQC220

Module Features

Bluetooth v5.1 specification compliant
High-performance programmable Bluetooth stereo audio module
Dual-mode Bluetooth / Bluetooth low energy radio
1-microphone Qualcomm cVc EC/NR solution
Supports operation with single external power supply
TWS solution with up to 30mW stereo DAC out, analog dual microphone interface
Supports digital serial interface with UART
Supports the Bit Serializers with I2C or SPI
Supports 1x full speed USB 2.0 (USB FS)
Supports LED driver up t o 50mA
Supports 2.4GHz full band with 50ohm RF port for Bluetooth communication
Dual and I^2S and PCM, SPDIF, analog and digital Microphone
UART, USB 2.0, I2C interface
SBC, AAC audio codecs support
RoHS Compliant

Applications

Stereo headset
Wired stereo headset and headphones
Portable stereo speakers

Features

Dimension: 12.0 X 20.0 X 2.45 mm
Surface Mountable

MD-BQC220 Block Diagram