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FC CE IC RoHS

WM828CC6-EVK6

Multi-Protocol Module Evaluation Kit

Dual-Band Wi-Fi 802.11 ac/a/b/g/n and Dual-Mode Bluetooth 4.2/BLE Module with integrated u.Fl connector

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Description

      WM828CC6 from Wi2Wi's Maximum Performance series is a Dual-Band Wi-Fi (802.11 ac/a/b/g/n) and Bluetooth 4.2/BLE (Dual-Mode) Multi-Protocol Module with integrated u.Fl connector. This is a highly integrated wireless subsystem that includes integrated MAC, baseband, RF front-end, PA, crystal, switch, filter and OTP memory for calibration data and MAC address storage and offers SDIO 3.0 host interface for easy connection to all leading 32 bit processors running Linux operating system. The ultra-small form factor WM828CC6 gives Industry's Best in class performance for very high throughput (VHT), high transmit (Tx) power, excellent receive (Rx) sensitivity and supports deep sleep and standby modes for low power operations. The integrated Bluetooth 4.2 with LE specifications enables the new ecosystem of low energy Bluetooth Smart devices which can be tethered to the Smartphones and other consumer devices for new and emerging applications. WM828CC6 is FCC, CE and IC certified and comes in extended temperature grade; -30°C to +85°C.

Instructions

- Use a SDIO compatible PC/LAPTOP/HOST Platform to evaluate the module.
- Please connect provided Dual-Band Rubber Duck antenna with u.Fl connector cable (pigtail) provided in the kit.
- Sign on to extranet (http://wi2wi.com/mgr/) to download the software drivers and all related collaterals.
- For Extranet access, please contact us at sales@wi2wi.com.
- For any further technical clarifications or issues, please contact http://www.wi2wi/support/technical-support/ or email us at support@wi2wi.com.

Kit Contents

- WM828CC6 Evaluation Board
- Dual Band Rubber Duck Antenna
- u.Fl connector cable (Pigtail)
- Micro USB cable

Part Order Options

Part Number	Description	Operating Temperature	Packaging
WM828CC6-E6QT	802.11 ac/a/b/g/n, Bluetooth 4.2/BLE module with integrated u.Fl connector	(-30°C to +85°C)	Tray
WM828CC6-E6QR	802.11 ac/a/b/g/n, Bluetooth 4.2/BLE module with integrated u.Fl connector	(-30°C to +85°C)	Tape & Reel

Evaluation/Development Kits

Part Number	Description
WM828CC6-EVK6	WM828CC6 module Evaluation Kit
WM828CC6-DVK6	WM828CC6-EVK6 and i.MX6 Development Platform with all needed software for application development

Contact Us

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