CMP9377
Hosted Wi-Fi 5 & BLE Connectivity

Performance, ease of integration

2.4/5GHz, PCB-Antenna

2.4/5GHz, Connectors

2.4/5GHz, Connector
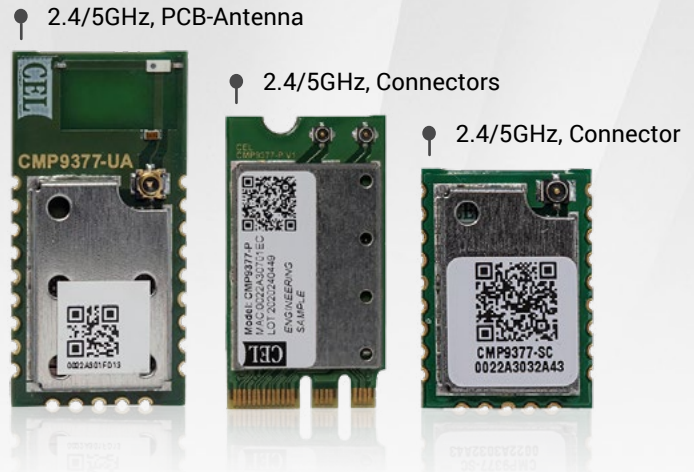
The CMP9377 Multi-Protocol solution delivers a combination of high-speed Wi-Fi connectivity, Bluetooth functionality, and excellent wireless coverage. Prebuilt drivers allow for integration with Linux, Android, and Windows operating systems and with various MPU's, such as TI, STMicro, NXP, Intel and More. The solution is available with a USB, SDIO, or PCIe Interface.

WIRELESS FEATURES
- Dual-Band 802.11 a/b/g/n/ac Wave 2 MU-MIMO
  - Tx: +18dBm
  - Integrated Co-existence Manager
  - Dedicated CPU for WLAN stack
  - 20/40/80MHz channel support
- BLE 5.0
  - HCI
  - Tx: +14dBm (BT)
  - Tx: +4dBm (BLE)
  - 2Mbit PHY
- Wireless Coexistence Manager
  - Concurrent WiFi and BLE
  - Per-packet Coexistence Manager
- Long Range & Broad Coverage
- High Throughput

OPERATING SYSTEMS
- Linux
- Android
- WinIoT

DRIVER & DEVELOPMENT SUPPORT
- Reference Platform w/Raspberry Pi3B w/Quick-Start Guide...USB and SDIO evaluation boards
- Pre-built Drivers
- Porting Support
- iPerf Testing
- Documentation (Access Point, Connecting 30 STA, BT Audio, Range & Throughput Field Testing...)
- CEL Software Repository

INTERFACES AND FORM-FACTORS
- USB and SDIO...castellation edge surface mount
- PCIe...M.2 card

APPLICATIONS
- C&I Equipment/Machines
- Medical
- Security
- Building Automation
- Smart Energy
- Retail/POS

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