TAIYO YUDEN Wi-Fi Modules

TAIYO YUDEN Wi-Fi modules feature Marvell Semiconductor chipsets and are ideal for a wide range of applications, including smart phones and peripheral devices. Evaluation boards and evaluation kits are available for easier design. TAIYO YUDEN Wi-Fi modules are registerable and design support for antennas is available.

Specifications and Features:

WYSACVLXY-XX

- Chipset: Marvell MW300
- SMD type module. with trace ANT
- IEEE802.11b/g/n conformity.
- Channel Number : 1 to 13 channel (11bgn)
- Interface : UART, SPI, I2C
- Built-in WLAN front end, Flash Memory, Xtal, Power circuits
- Security: WPA-2 using AES/CCMP along with legacy security features
- Advanced Wi-Fi features: 802.11n, Micro-AP mode, client mode, WPS
- Outline: 21.4 x 14.0 x 2.4max mm
- Package: Metal case package
- RoHS Conformity

WYSBHVGXG

- Chipset: Marvell 88W8887
- SMD type module.
- IEEE802.11ac/a/b/g/n 1x1 conformity. Data rates up to MCS9(433.3Mbps)
- BT4.2(supports Bluetooth Low Energy). Class2 supports.
- Near Field Communication (NFC) connectivity technology, per NFC Forum specification
- Low standby current (with low power operation)
- Transmit data rate : 11/5.5/2/1 Mbps(11b), 54/48/36/24/18/12/9/6 Mbps(11a/g),
  - 150~6.5 Mbps (11n, MCS7~0, HT20/40), 7.22~433.3 Mbps (11ac MCS9~0, HT80)
- Channel Number : 1 to 13 channel (11bgn), W52/W53/W56/W58(11ac/11an), 79 channel (BT), 40 channel (BLE)
- Interface : SDIO3.0, PCM, UICC/SE, GPIO
- Built-in Diplexer, 2G-PA, 5G-PA, 5G-LNA, OTP, X`tal, DC/DC Power
- Security: TKIP, WEP, AES, CCMP, CMAC, WAPI, WPA/WPA2(64bit/128bit)
- Outline: 12.6 x 8.9 x 1.9(Max) mm
- Package: Metal case package
- RoHS Conformity