



LinkIt MT5931 Module -Scale for Wi-Fi module

SKU: 317060010

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Description

LinkIt MT5931 Module is a low-cost and low-power consumption Wi-Fi SiP module. The module is targeted to mobile devices including smart phone, PDA, Wi-Fi phone, DSC, DVC which need small Wi-Fi module. The highly integrated module allows the usage of web browsing, VoIP application. The wireless SiP module support IEEE 802.11b/g/n standard and it can provide up to 72Mbps(GI=400ns) for IEEE 802.11n, 54Mbps for IEEE 802.11g, 11Mbps for 802.11b to connect your wireless LAN.

Features:

- Small footprint: 9.8mm x 9.8mm x 1.7mm
- Host interface: SDIO 2.0(4 bit&1-bit)
- Support Orthogonal Frequency Division Multiplexing(OFDM), Complementary Code Keying(CCK), and Direct Sequence Spread Spectrum(DSSS) to provide a variety of data rates
- Integrated switching regulator enables direct connection to battery
- Support AP/STA/ad-hoc mode
- IEEE 802.11n(HT20 MCS7), IEEE802.11g(OFDM 54Mbps) and IEEE 802.11b(DSSS 11Mbps)
- Support Wi-Fi Direct(WFA P-2-P Standard)
- Security: WFA WPA/WPA2 personal, WPS2.0, WAPI(Hardware)
- QoS: WFA WMM, WMM PS
- Support Bluetooth co-existence
- Support low power consumption sleep mode via 32kHz clock
- RoHS & Halogen free compliant/Lead free

Specification:

Model Name: CW01S-5931

Product Description: Wi-Fi SiP

Network Standard: IEEE 802.11b/g/n Compliant

Host Interface: SDIO 2.0(4-bit&1-bit)

Operation Conditions

Operating Voltage: 3.6V/2.8V

Temperature: Operating: -20~70°C

Storage: -40~85°C

Humidity: Operating: 10~95%
Storage: 5~95%
Dimension: 9.8mm x 9.8mm x 1.7mm
Package: LGA

Electrical Specifications

Frequency: 2.4GHz ISM radio band
Channel: 1~14
Modulation: DSSS, OFDM, 64-QAM, 16-QAM, QPSK, BPSK, CCK, DQPSK, DBPSK
Security: WFA WPA/WPA2 personal
WPS2.0
WAPI

Overview

Designer: Others
Other Products From This Designer (<http://www.seeedstudio.com/depot/Others-m-24.html?ref=pinfo>)
Weight: 2 g