



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



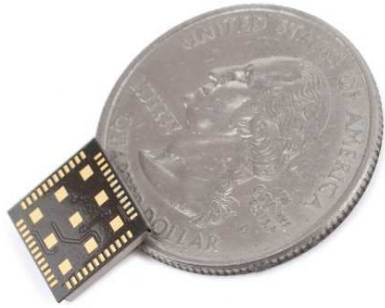
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## LinkIt MT5931 Module -Scale for Wi-Fi module

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

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