



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!



Contact us

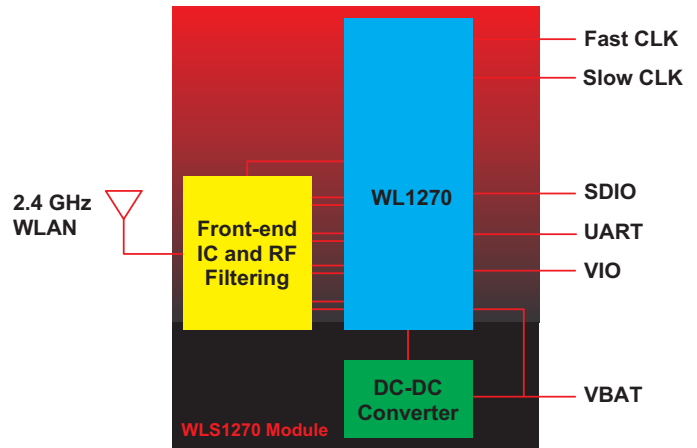
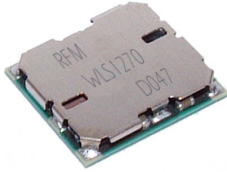
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WLS1270 Wireless Module Product Brief



Overview

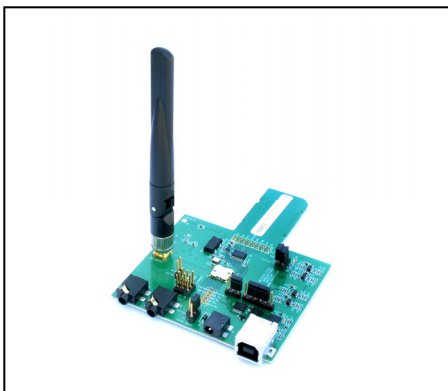
The WLS1270 is an ultra-small 2.4 GHz WLAN module. It includes TI's WL1270 SoC, high-efficiency RF front-end circuits, and a DC-DC converter. The module is designed to fit into small spaces, with minimal external circuitry required to complete a radio design. Software is available for Linux and Android.

Features

- Chipset: Texas Instruments WL1270
- Size: 9 x 8 x 1.4 mm maximum
- IEEE 802.11 b/g and 11n compliant
- IEEE 802.11d,e,h,i,k,r,s compliant
- Embedded ARM microprocessor
- SDIO host interface for WLAN
- Lead-free module construction

Ordering Information

- Evaluation Kit: DR-WLS1270-EV



WLAN

- Data Rates:
 - 802.11n: 65, 58.5, 52, 39, 26, 19.5, 13, 6.5 Mbps
 - 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
 - 802.11b: 11, 5.5, 2, 1 Mbps
- Operating Frequency Range: 2.412 to 2.484 GHz
- Output Power: up to 16 dBm
- Supply Current:
 - Transmit - 180 mA
 - Receive - 100 mA

General

- Operating Temperature Range: -40 to +85 °C
- Relative Humidity: 5 to 95%, non-condensing