Chipsmall

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

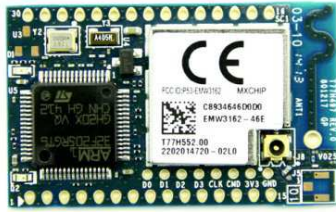Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
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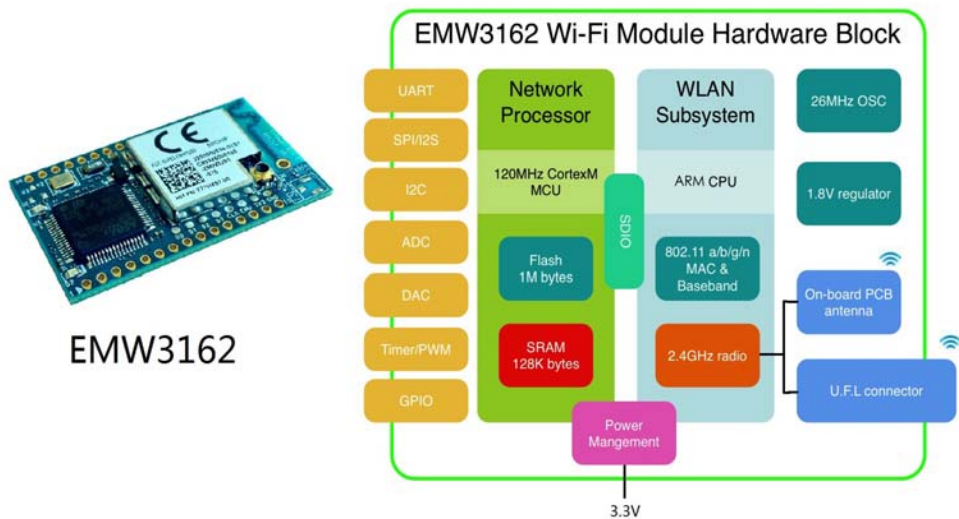
EMW3162 WiFi Module
SKU: 113990089

Description

Introduction:

EMW3162 is the new module that design by **MXCHIP** in the 2013. For the embedded products applications, it focus on the ultra-low power low cost. This Wi-Fi wireless LAN module. It combines the latest Wi-Fi technology and microcontroller technology, within IEEE802.11b/g/n wireless communications and a variety of energy-saving mode, widely used in a variety of new intelligent electronic products. It has the latest features EMW316x series modules, but also keep the pin is fully compatible with EMW3280 module.

EMW3162 built-in frequency up to 120MHz Cortex-M3 microcontroller STM32F205RG, 1M byte of Flash, 128k bytes of SRAM and extensive peripheral functions with the MxchipWnet embedded Wi-Fi firmware.

Users can easy and quick add Wi-Fi network communications capabilities for embedded devices. You can use MxchipWNet software library developed directly on a variety of embedded Wi-Fi module applications.

EMW3162

EMW3162 Wi-Fi Module Hardware Block

Typical applications:

- Building automation / access control, security control systems
- Automatic House appliances
- Medical and personal care system
- Mobile point of sale system (POS)
- Automotive Electronics

Features:

- EasyLink a key configuration
- Ultra-low power consumption, keep the network connection only 7mA
- Seamless roaming switch
- Network transmission speed, the actual up to 20Mbps
- Built-in real-time operating system, the new software system