MT3620 Module(AI-Link WF-M620-RSC1)

Overview

The WF-M620-RSC1 IoT module is based on the MediaTek MT3620AN, a highly integrated single chip, tri-core Wi-Fi MCU designed to meet the requirements of modern robust internet-connected devices. It leverages the Microsoft Azure Sphere security architecture to provide an unprecedented level of security to connected device manufacturers. The stamp form factor makes it easier for developer designing their hardware, lower the layout complexity and manufacture defective rate.

Specification

MCU	**MT3620** • 1 * ARM Cortex A7 core @500MHz , 4MB RAM • 2 * ARM Cortex M4 core @200MHz , 64KB RAM
Interface	ISU0(configured as SPI 0 or UART 0) ISU1(configured as SPI 1 or UART 1 or I2C 1) PWM×8：PWM4~PWM11 ADC×4：ADC0~3 GPIO：14 GPIO pins with multi-functions
Connectivity	802.11 b/g/n Wi-Fi
Antenna Type	Integral PCB Trace Antenna/Option to fit IPEX connector for external antenna
Operating Temperature	-40~85°C
Dimensions	L:30mm*W:22mm*H:2.5mm±0.2mm
Certification	CE / FCC / MIC / RoHS

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