



M5STACK

AtomS3 Lite ESP32S3 Dev Kit

SKU:C124



Description

ATOMS3 Lite is an Atom Series Programmable Controller in the M5Stack Development Kit series using ESP32-S3 as the main control, its size is only 24x29.5mm, the main control adopts the ESP32-S3FN8 scheme, with 8MB SPI flash memory, integrated Wi-Fi function, built-in 3D antenna, 5V to 3.3V power circuit, providing infrared emitting light, RGBStatus Indicators, Button and GROVE/HY2.0-4P interfaces. The bottom of the product is equipped with a power supply and 6 GPIO headers to facilitate expansion applications. The on-board Type-C interface can realize program download and serial port communication functions; An M2 screw hole is provided on the back for fixing. Suitable for all kinds of embedded smart device applications.

Features

- Developed based on ESP32-S3FN8
- Comes with USB download function
- Programmable button
- Infrared emission function
- Expandable pins and interfaces
- Development platform: Arduino, UIFlow

Includes

- 1x AtomS3 Lite

Applications

- IoT node
- Microcontroller
- Wearables

Specification

Resources	Parameters
MCU	ESP32-S3FN8
RGB	WS2812B-2020
DCDC	SY8089
Operating temperature	0°C ~ 40°C
Supply voltage	5V
Power supply mode	TYPE C
Output voltage	3.3V
IO interface × 6	G5/G6/G7/G8/G38/G39
Product Size	24mm × 24mm ×9.5mm
Package Size	65mm × 44.5mm × 14mm
Product Weight	5.3g
Package Weight	9.5g