ESP32-S3 Nano

Produktkode: 945aa
Tilgjengelighet: 2

Pris: kr. 230,00

Short Description
Type C ESP32-S3 Nano WiFi Bluetooth-compatible Development Board IoT Development Board Based on ESP32-S3R8 240MHz For Arduino

Beskrivelse

DESCRIPTION

Features:
1. Using ESP32-S3R8 as the main chip, equipped with high-performance Xtensa ® 32-bit LX7 dual core processor with a clock speed of up to 240MHz
2. Integrated 512kB RAM, 384kB ROM, 8MB PSRAM, 16MB Flash memory
3. Integrated 2.4GHz Wi Fi and Bluetooth LE dual-mode wireless communication, with superior RF performance
4. Support seamless switching between Ard and MicroPython programming for more flexible use
5. Compatible with Ard IoT Cloud, use IoT cloud applications to monitor and control user projects from anywhere
6. Supports HID and simulates human-machine interface devices (such as keyboards or mice) through USB, making interaction with computers more convenient

Product Introduction:
ESP32-S3-Nano uses ESP32-S3R8 as the main chip, compatible with Ard Nano ESP32, suitable for applications such as the Internet of Things or MicroPython, with a compact appearance and powerful performance, suitable for embedding into independent projects.

Parameter:
Model: ESP32-S3 Nano

Microcontroller: ESP32-S3R8 (32-bit Xtensa LX7 dual core)
Clock speed: ESP32-S3R8: 240MHz
Storage: ESP32-S3R8: 384kB ROM, 512kB RAM, 16MB Flash, 8MB PSRAM
Wireless communication: 2.4GHz WiFi+Bluetooth LE
Working voltage: 3.3V
External power supply voltage: 6-21V
Reset button: upright type
IO pin output current: 40mA
Digital pin: 14
Analog pins: 8
PWM?5
UART?2
I2C?1
SPI?1
5V power output: 1000mA Max
Insert universal board: Supports
Size: 43.18 * 17.78mm

Package include:
1X development board
1X Pin Headers (non welded needle arrangement/welded needle arrangement can be selected)

Product Gallery