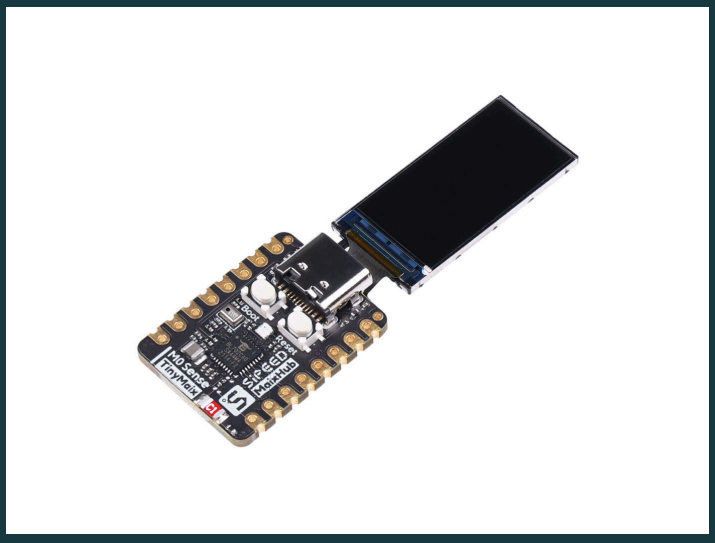
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INDUSTRIAL PRODUCT DATASHEET

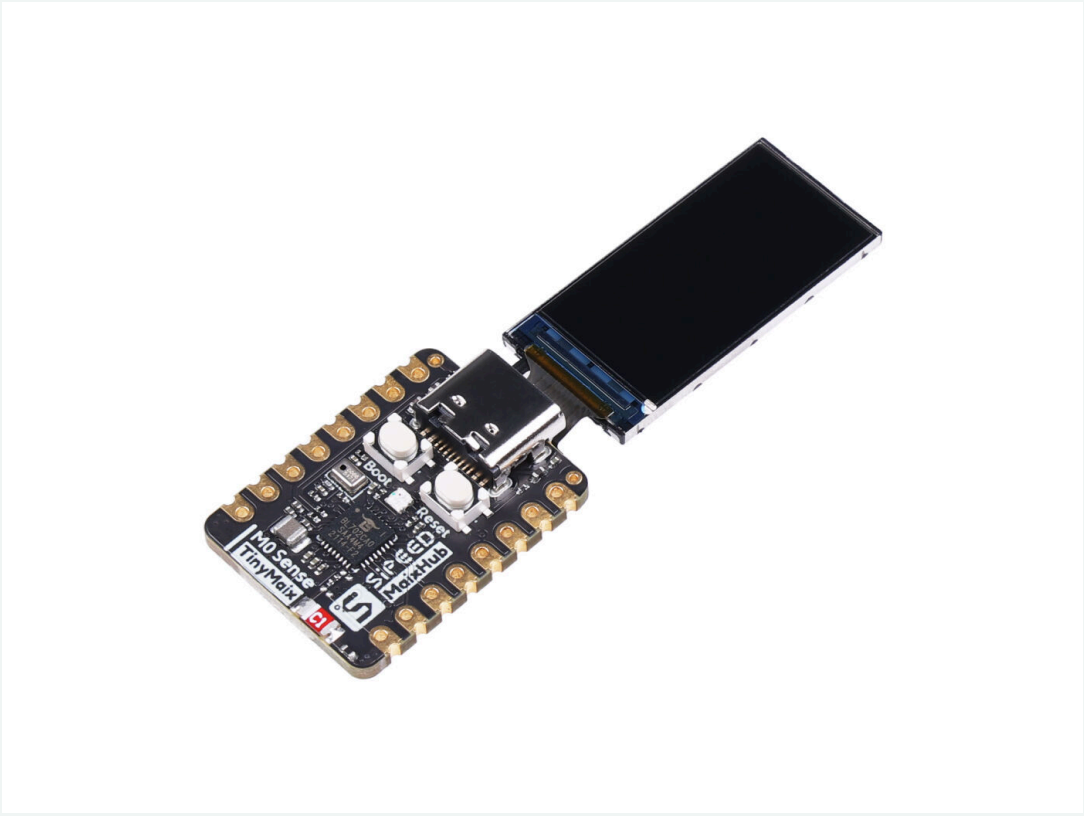
Sipeed M0sense -RISC-V Development Board Based on BL702 with 0.68 Inch LCD Screen

Sipeed M0sense is an AIOT development board based on BL702 of Bouffalo Lab, it's RISC-V architecture, and supports low-energy Bluetooth.

SKU	UPDATED	PRICE
114993026	2026-11-11 08:54:50	$5.99(Excl. VAT)



Overview



Sipeed M0sense is an AIOT development board based on BL702 of Bouffalo Lab, it's RISC-V architecture, and supports low-energy Bluetooth. There is an 8Pins FPC connector for connecting the LCD screen, 1 microphone, 1 RGB LED and a six-axis sensor chip on this board. One USB 2.0 FS routes to the Type-C interface.

Key Features

01 **Powerful chip support**

Main chip BL702 RISC-V 144MHz

02 **Supporting edge machine learning**

Developing Edge Computing and Machine Learning Capabilities with the TinyMaix Inference Framework

03 **Provide human-computer interaction**

Onboard screen interface (Optional 0.68 inch 80x160 solution screen)

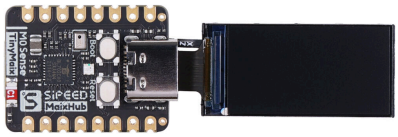
04 **Mass storage device**

Thumb size but with 132KB RAM, 192KB ROM, 512KB Flash capacity

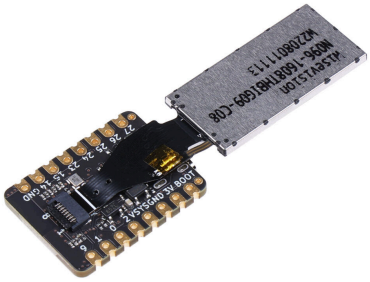
05 **Bluetooth wireless transmission**

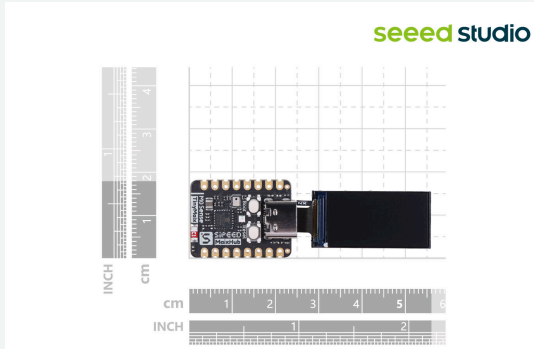
Support BlueTooth V5.0

Product Gallery









Applications

- Smart appliances
- robot
- Intelligent Vehicle engine
- Intelligent access control
- Interlligent agriculture
- Passenger flow sraristics
- retail
- Handwritten Numeral Recognition

Resource Links

- https://www.seeedstudio.com/Sipeed-M0sense-p-5561.html
- M0sense Datasheet V1.2.pdf
- BL702 DataSheet
- BL702 Reference Manual
- M0sense_BL702_example -Github
- M0Sense_30215_Schematic_V1.pdf
- M0Sense Bit map
- M0Sense_3D file module.rar
- SDK
- comtool_windows_v3.1.0.7z

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