

Realtek Ameba Board - IoT Development Board



Listing details

Reference Number: RF108556

Common

Price: \$ 24.95

Country: United States

Description:

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This is the Ameba Board from Realtek, an IoT solution inside the familiar Arduino form factor. The Ameba Board supports WiFi, GPIO, NFC, I2C, UART, SPI, PWM and ADC operations, and can support Ethernet via Arduino-compatible headers, providing you a great IoT platform for your next project.

Features:

- 32-bit ARM Cortex M3 (166MHz)
- 1MB ROM, 2MB SDRAM and 512KB SRAM
- Integrated with 802.11 b/g/n 1x1 WiFi
- NFC Tag with Read/Write Function
- 10/100 Ethernet MII/ RMII/RGMII Interface
- USB OTG
- SDIO Device/SD Card Controller
- Hardware SSL Engine
- Maximum 30 GPIOs
- 2 SPI Interfaces support both master and slave mode
- 3 UART Interfaces, including 2 HS-UART and one log UART
- 4 I2C Interfaces support both master and slave mode
- 2 I2S/PCM Interfaces support both master and slave mode
- 4 PWM Interfaces
- 2 ADC Interfaces
- 1 DAC Interface

Purchase Product

Posted:

7 years ago

