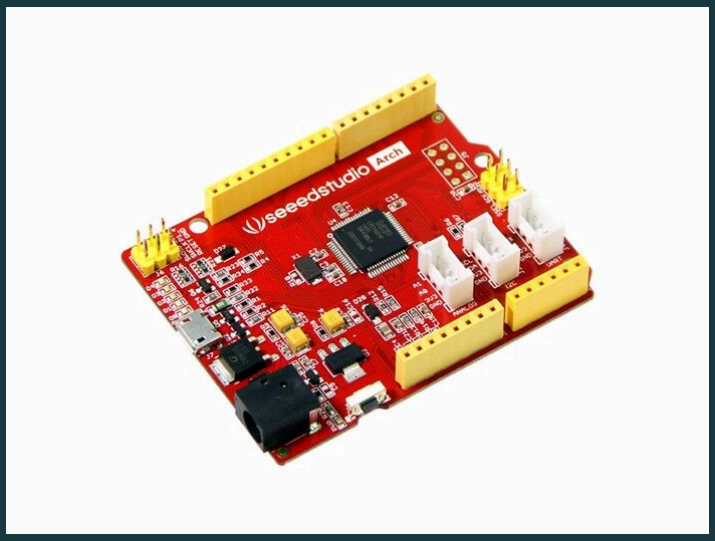
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INDUSTRIAL PRODUCT DATASHEET

Arch

Arch: an mbed-enabled board merging Arduino compatibility, Grove connectivity, and an NXP LPC11U24 MCU for rapid prototyping.

SKU	UPDATED	PRICE
102080001	2024-08-09 02:09:42	$9.90(Excl. VAT)



Overview



Arch is an mbed enabled development board that combines the advantages of mbed and Arduino, allowing rapid prototyping using mbed C/C++ SDK and online tools. It features a standard Arduino appearance, two Grove connectors, drag-n-drop programming, and an NXP LPC11U24 MCU with a low power ARM Cortex-M0 core running at 48MHz, 32KB Flash, 8KB RAM, and 4KB EEPROM.

Key Features

Arch is an mbed enabled development board which combines the advantages of mbed and Arduino. With Arch, you can use mbed C/C++ SDK, libraries and online development tools to rapidly build a prototype. Arch has standard Arduino appearance and Grove connectors. It’s convenient to extend Shield and Grove products to Arch.

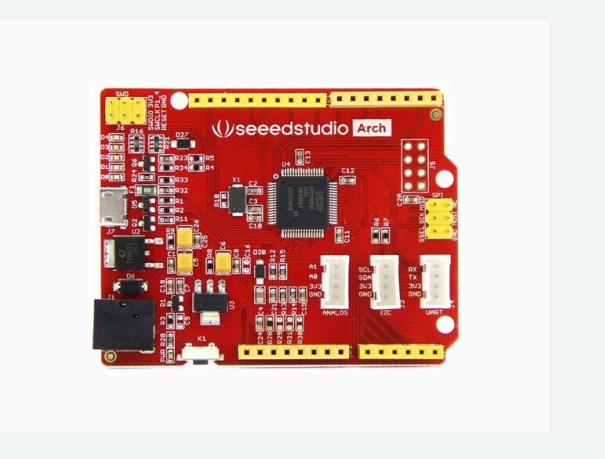
Features

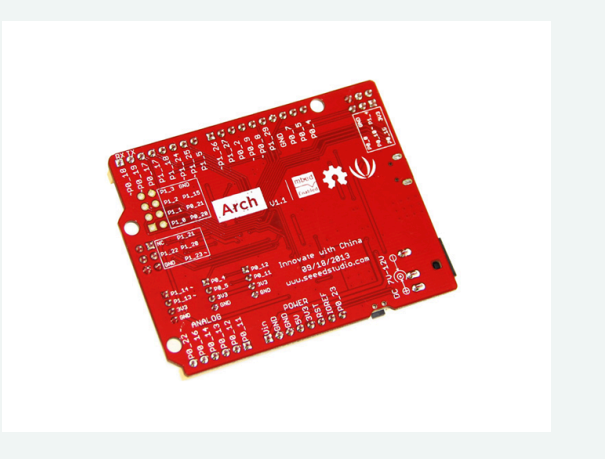
- **mbed enabled**
  - lots of published libraries, projects
  - easy to use C/C++ SDK
  - online development tools
- **Stardard Arduino Appearance, two Grove connectors**
  - available with 3.3V compatible shields
  - a large number of grove modules
- **Drag-n-drop programming**
- **NXP LPC11U24 MCU**
  - Low power ARM Cortex-M0 Core
  - 48MHz, 32KB Flash, 8KB RAM, 4KB EEPROM
  - USB Device, 2xSPI, UART, I2C

Documents

Please visit our **wiki** page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our**forum**.

Product Gallery





Compliance & Logistics

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Resource Links

- https://www.seeedstudio.com/Arch-p-1561.html
- Seeeduino Arch Eagle files
- Seeeduino_Arch_V1.0 pdf
- LPC11U2x datasheet
- LPC11Uxx User Manaul

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