seeed studio

INDUSTRIAL PRODUCT DATASHEET

Phoenard Phoenex Shield

The Phoenard Phoenex Shield extends Phoenard boards with standard Arduino shield connectivity, exposing most Arduino pins including analog, digital with PWM, ISP, and serial interfaces at 3v3.

SKU	UPDATED	PRICE
102990206	2026-08-19 11:47:49	$8.00(Excl. VAT)



Overview



The Phoenard Phoenex Shield is a board extension that docks via the bottom 30-pin connector to expose most Arduino pins, including 6 analog pins (A0-A5), 5 digital I/O supporting PWM (pins 4, 5, 6, 7, 9), a 6-pin ISP interface, and Serial 1 (RX0/TX0). It features a standard Arduino shield design, operates at a 3v3 main board voltage with 5v power available only when USB power is provided, and has safe operating conditions of -10 to 60 degrees Celsius and 20% to 90% humidity.

Key Features

This Phoenard board extension can be docked using the bottom 30-pin connector, exposing most (not all!) Arduino pins. You can then connect Arduino board extensions to the device easily.

If you want one Phoenard, please visit **here**.

Features

- Standard Arduino shield design
- Functional ISP interface and digital/analog I/O

Specification

- Safe operating conditions
  - Temperature: -10 ~ 60 degrees celcius
  - Humidity: 20% - 90%
- Power
  - Main board voltage: 3v3
- Accessible pins
  - Analog: 6 analog pins (A0 - A5)
  - Digital: 5 general purpose I/O; supports PWM (digital pins 4, 5, 6, 7, 9)
  - ISP Interface: 6-pin (MISO/MOSI/SCK/SS/RESET/GND)
  - Serial Interface: Serial 1 (RX0/TX0)
  - Power: 3v3 (main board), 5v (USB power)

Part List

- 1 x Phoenex Shield PCBA

Note

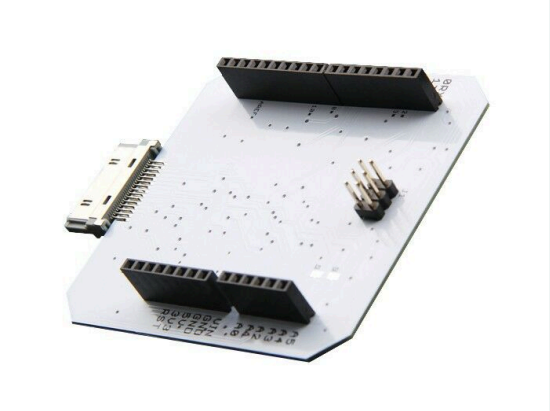
This board uses a 3v3 main board voltage and may not be compatible with all 5v sensors and devices. The 5v power on the extension connector is only present when USB power is provided.

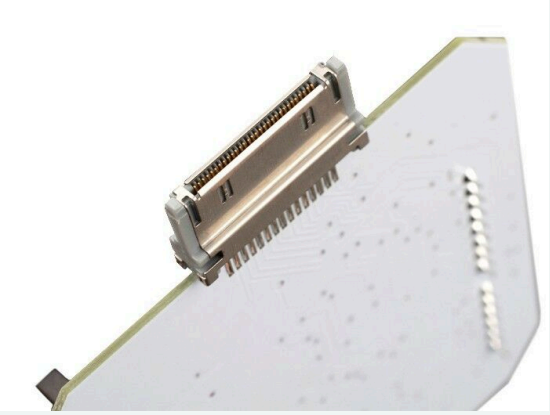
A starters guide together with documentation and software examples is available on our website:

- Getting started
- Software documentation
- Forums

Product Gallery







Part List

- 1 x Phoenex Shield PCBA

Compliance & Logistics

HSCODE	8543909000
USHSCODE	8543903500
UPC	841454118619
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Phoenard-Phoenex-Shield-p-2680.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com