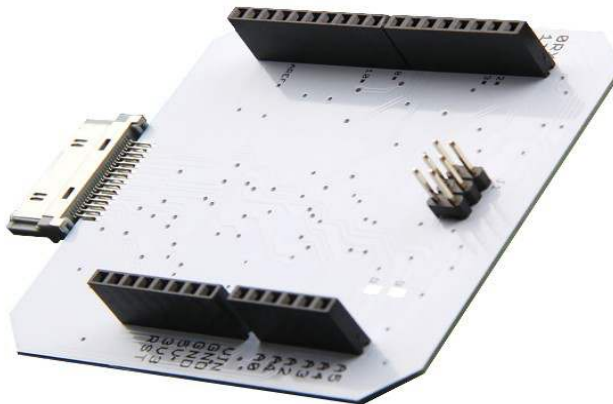


# Phoenard Phoenix Shield

SKU 102990206



## DESCRIPTION

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.

### 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 Phoenix 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

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