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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Phoenard Phoenix Proto

SKU 102990207



## DESCRIPTION

This Phoenard board extension can be docked using the bottom 30-pin connector, breaking out the 30-pin connector. You can then develop your own electronic designs with or using the circuit prototyping board.

### Features

A 16 x 34 prototyping grid for soldering components to  
Layout supports standard 2.54 mm headers

### 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)

I2C Interface: SDA/SCL

Audio: Left/Right/Audio Gnd

Serial Interface: Serial 1 (RX0/TX0)

Power: 3v3 (main board), 5v (USB power)

## **Part List**

1 x Phoenix Proto 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