

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