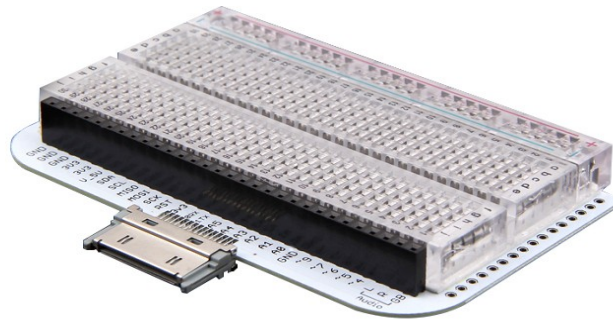


Phoenard Phoenix Breadboard

SKU 102990208



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 breadboard and jumper wires.

Features

Breadboard mounted on top of standard Phoenix proto

Female 2.54 mm headers installed on pin 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 Breadboard 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