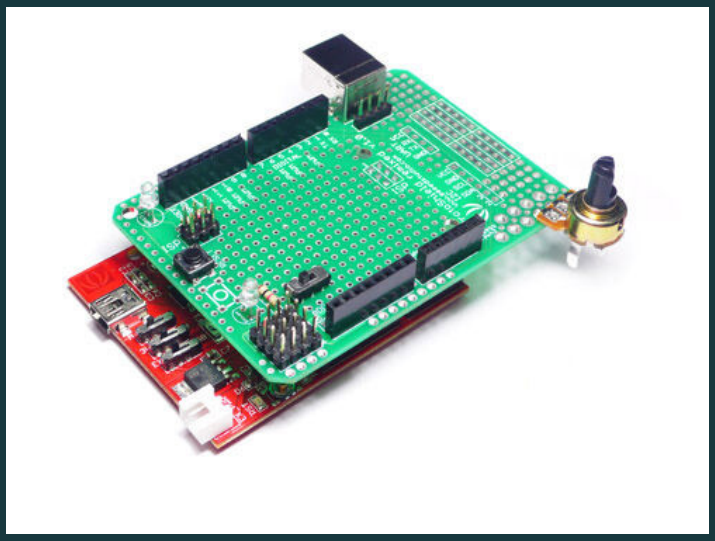
seeed studio

INDUSTRIAL PRODUCT DATASHEET

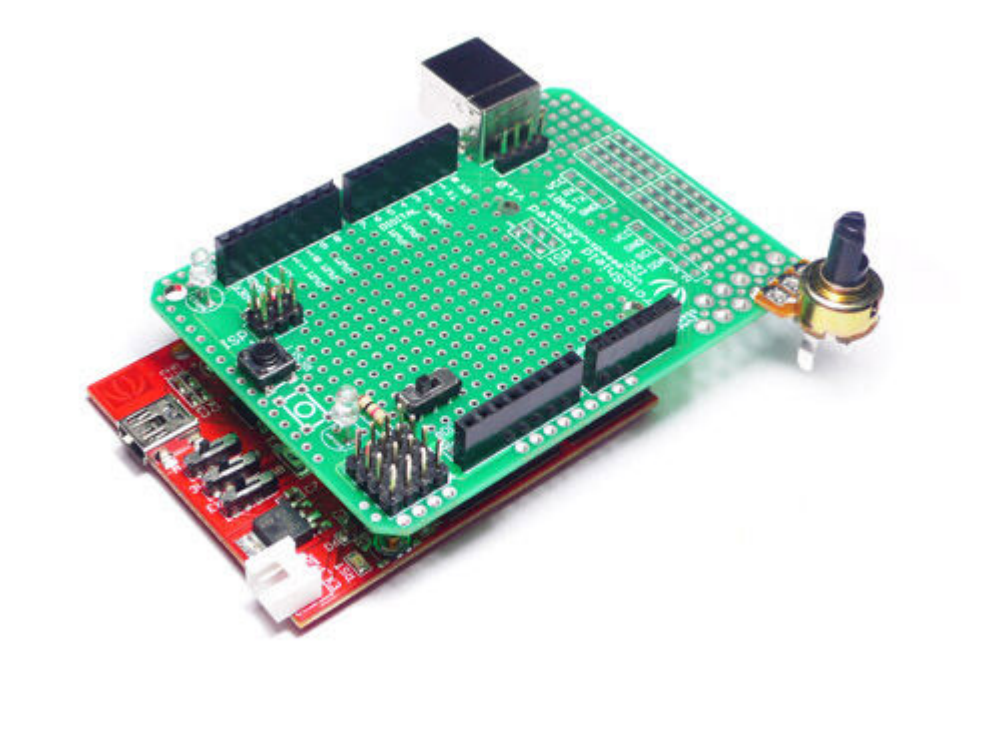
Protoshield Kit for Arduino

Build your own Arduino shield with this compact kit featuring a large prototyping area and essential components.

SKU	UPDATED	PRICE
103060000	2025-07-30 07:40:32	$9.90(Excl. VAT)



Overview



The Protoshield Kit for Arduino is a compact and flexible prototyping solution that allows you to build custom Arduino shields using a standard 0.1" pitch grid. It includes basic components and features UART, I2C, and ISP breakouts, as well as 3.3V, 5V, and ground power rails for easy circuit development.

Key Features

Build your own Arduino shield using the compact and flexible Proto Shield kit. Solder together a limitless range of circuits and reuse it in all your Arduino projects. A standard 0.1" prototyping grid accepts commonly used through-hole parts and chips. You could also find a range of basic components are included to help you get started with your custom shield.

Features

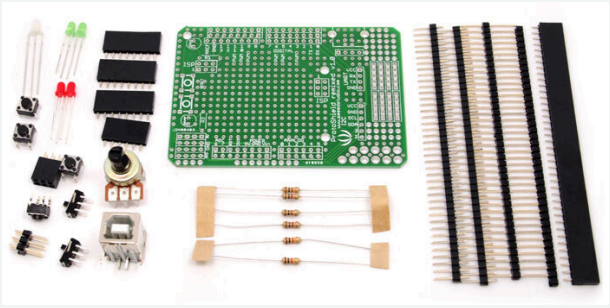
- Standard Arduino compatible
- Large 0.1"*0.1" pitch prototyping area
- A variety of through-hole sizes to fit most parts
- Arduino UART and I2C port pin breakout for easy external communications
- Dual ISP breakouts for easy programming and stacking
- 3.3 volt, 5 volt, and ground power rails are easily available anywhere on the board
- Breadboard style prototyping area
- USB type B breakout
- Basic components included (buttons, switches, LEDs, resistors, USB jack)

Packing List

- 1x Arduino compatible Proto Board
- 1x B type USB connector
- 1x 40-pin 2.54mm male long header
- 1x 40-pin 2.54mm female header
- 2x 40-pin 2.54mm male header
- 1x 40-pin 2.54mm spacer
- 3x 8-pin 2.54mm female header
- 1x 6-pin 2.54mm female header
- 1x ISP female pin header
- 1x ISP male pin header
- 1x 10k Ohm rotary potentiometer
- 4x 1k Ohm through-hole resistor
- 2x 10k Ohm through-hole resistor
- 2x 3mm Red through-hole LED
- 2x 3mm Green through-hole LED
- 1x 3mm dual color through-hole LED
- 4x Mini push button switch

- 2x DPDT switch

Product Gallery



Part List

Arduino compatible Proto Board	1
B type USB connector	1
40-pin 2.54mm male long header	1
40-pin 2.54mm female header	1
40-pin 2.54mm male header	2
40-pin 2.54mm spacer	1
8-pin 2.54mm female header	3
6-pin 2.54mm female header	1
ISP female pin header	1
ISP male pin header	1
10k Ohm rotary potentiometer	1
1k Ohm through-hole resistor	4
10k Ohm through-hole resistor	2
3mm Red through-hole LED	2
3mm Green through-hole LED	2
3mm dual color through-hole LED	1
Mini push button switch	4
DPDT switch	2

Compliance & Logistics



HSCODE	8517709000
USHSCODE	8517790000
UPC	841454104803
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Protoshield-Kit-for-Arduino-p-318.html
- Sources file

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