

ED-Pi400PROT

40-Pin GPIO Protector for Raspberry Pi 400

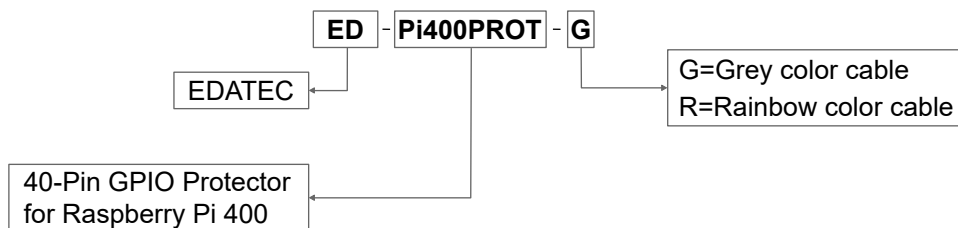
- ◆ Compatible with 40-Pin signals of Raspberry Pi 400
- ◆ 3.3V & 5V power signals with ESD protection, reverse polarity protection and overcurrent protection
- ◆ 3.3V & 5V power with led indicator
- ◆ All IO signals with ESD protection
- ◆ A power switch can turn on or off both 5V and 3.3V, make it safe and flexible to install or remove add-on boards
- ◆ All of the 40 GPIO pins are broken out into separate pads arranged into groups of 5 pins
- ◆ Available in cable colors including grey and rainbow



Specifications

ON/OFF Switch	<ul style="list-style-type: none"> • ON: Power ON • OFF: Power OFF
Indicator	<ul style="list-style-type: none"> • Red led indicates 5V • Green led indicates 3.3V
Overcurrent Protection	<ul style="list-style-type: none"> • 5V: Maximum current is 2A • 3.3V: Maximum current is 1.5A

Ordering Code



Example

P/N: **ED-Pi400PROT-G**

Configuration: 40-Pin GPIO Protector for Raspberry Pi 400 with grey color cable.

Packing List

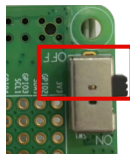
- 1 x ED-Pi400PROT

Installation

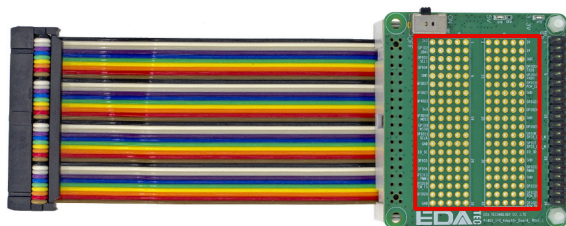
Note:

The connectors on this product are used for board level connection, the maximal plug/unplug cycle durability of those connectors is 50 times.

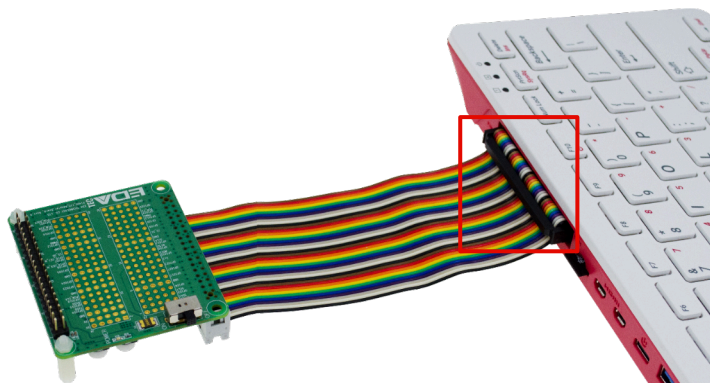
1. Set the switch of 40-Pin GPIO protector at the "OFF" position.



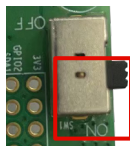
2. Install daughter board on the top of 40pin GPIO protector, make sure the holes on the four corners between GPIO protector and daughter boards are aligned.



3. Insert 40-Pin black male connector into 40-Pin female connector at the back of Raspberry Pi 400. If black male connector can't be inserted into Raspberry Pi 400, the orientation of the black male connector should be wrong, please reverse the cable and re-insert.



4. Power on Raspberry Pi 400, turn the switch to "ON" position.



5. If you want to remove daughter board from 40-Pin GPIO protector, turn the switch to "OFF" position, remove the daughter board from 40-Pin GPIO protector. (You don't have to power off Raspberry Pi 400 when you do it).