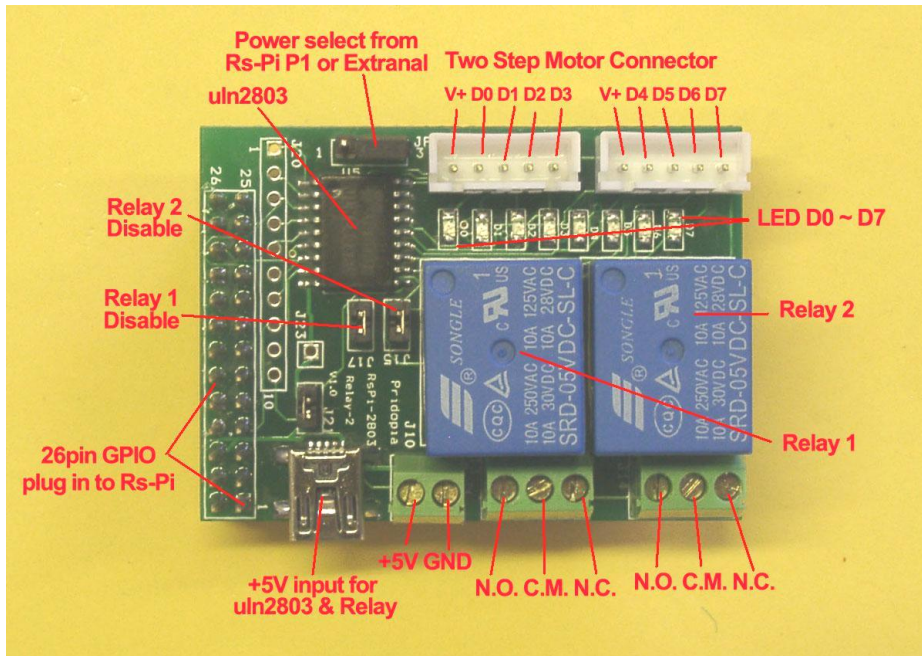
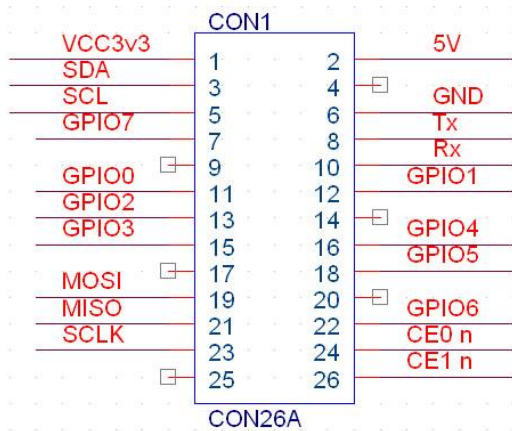


RsPi-ULN2803 2 Relay Step Motor Board User Manual



Rs-Pi v1 Connector



1. J2 J3 Step motor connector J2 (5V,D0,D1,D2,D3) J3(5V,D4,D5,D6,D7)

can use Step motor (28BYJ-48 5VDC)48 5VDC)48 5VDC)48 5VDC)8 5VDC)

2. J20 5V,GND, D0, D1,D2,D3,D4,D5,D6,D7 OUTPUT
3. U5 ULN2803 8 darlington transistor array
4. JP4 choose 5V input from Mini USB Port J7 or RS-Pi 5V
5. J7 Mini USB 5V input

U5 **ULN2803** use RS-Pi pin 11,12,13,15,16,18,22,7 as GPIO 0 to GPIO 7 input

Perfect way to learn how to use the GPIO pins.

Plugs into the Raspberry Pi GPIO connector.

Has eight Blue LED's and controls up to two stepper motors, control 2 Relay, can be disable if you want use other function.

For test program if you need driver you can download from our web site

- | | |
|--------------|----------|
| 1 Step motor | 1step.py |
| 2 Step Motor | 2step.py |
| 3. LED | leds.c |

<http://www.pridopia.co.uk/pi-2803-step.html>

Package Content

- 1x Rs-Pi ULN2803 2Relay Step Motor board
- 1x Manual