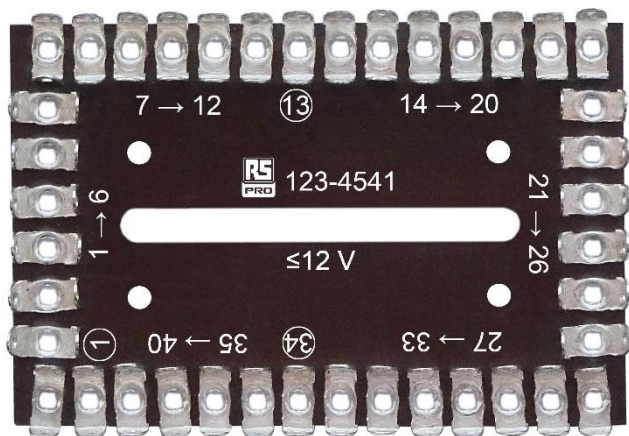


Datasheet

RS 123-4541

Solder Tag Board for Raspberry Pi



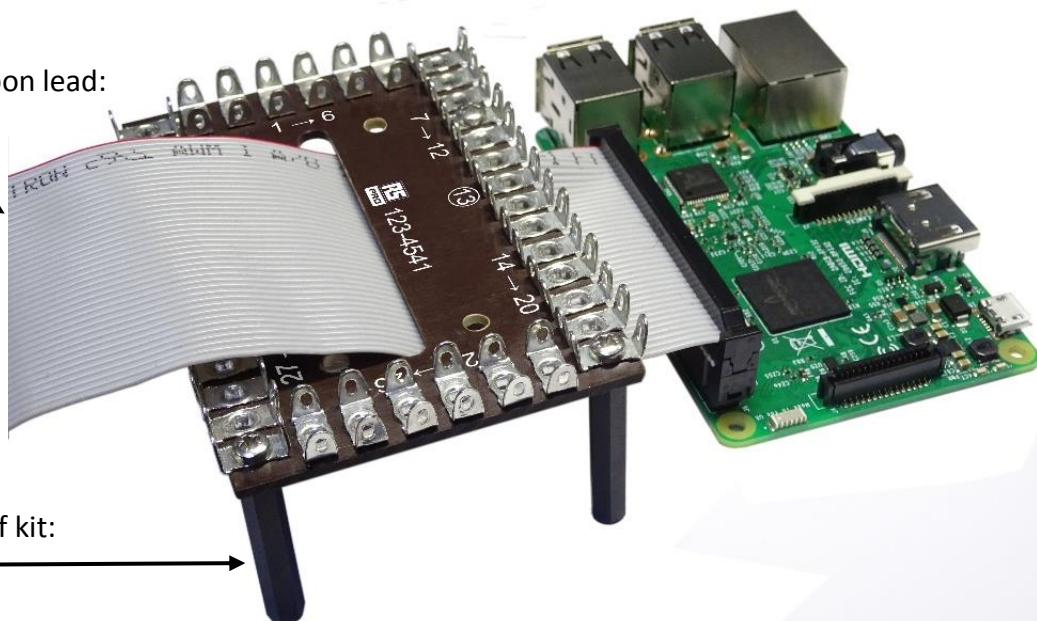
This solder tag board is designed to work with the Raspberry Pi. The terminals on the board match the pins on the Pi and the board footprint matches that of the Pi. With a total of 40 terminals it provides a simple means of soldering and de-soldering electronic components to the GPIO header when developing prototypes. Although designed for the Pi, it can equally be used for other electronic prototyping.

This tag board can help assist in the education and training electronics apprentices and students.

Holes in the tag board align with the mounting holes in the Pi. This allows the tag board to be mounted beneath the Pi using an additional four leg stand-off kit (RS 124-3364) consisting of nylon legs and 4 x 2.5mm screws. A central slot in the tag board allows a ribbon cable to pass through, for a suitable ribbon cable and 40 pin connector, see RS 124-2929.

The advantages of this low cost unit are that it is now easier to make and break solder connections and it can be replaced cheaply. It aids in unlocking the potential of the Raspberry Pi 40 pin GPIO interface.

GPIO connector ribbon lead:
RS 124-2929



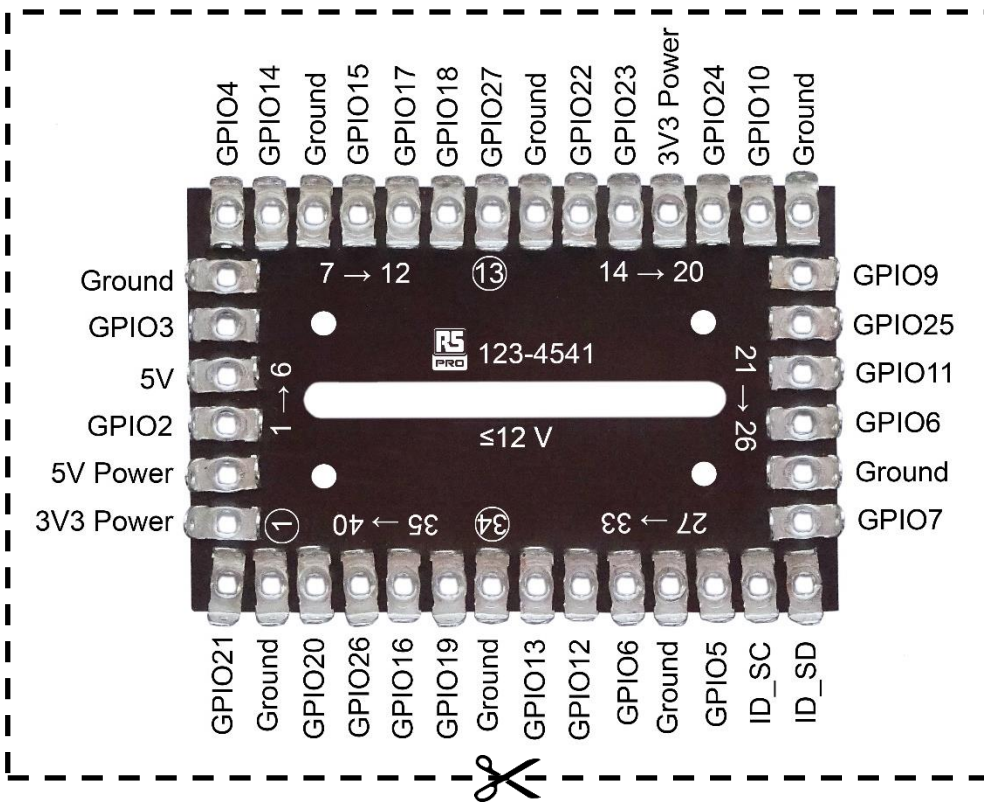
Four leg stand-off kit:
RS 124-3364

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RS 123-4541

Solder Tag Board for Raspberry Pi

Below, the Raspberry Pi GPIO pin-outs are detailed.:



Cut this out and place under the board to provide pin-out labels when used with the Pi

Pi Model B/B+		
3V3 Power	1 2	5V Power
GPIO2 SDA1 I2C	3 4	5V Power
GPIO3 SCL1 I2C	5 6	Ground
GPIO4	7 8	GPIO14 UART0_TXD
Ground	9 10	GPIO15 UART0_RXD
GPIO17	11 12	GPIO18 PCM_CLK
GPIO27	13 14	Ground
GPIO22	15 16	GPIO23
3V3 Power	17 18	GPIO24
GPIO10 SPI0_MOSI	19 20	Ground
GPIO9 SPI0_MISO	21 22	GPIO25
GPIO11 SPI0_SCLK	23 24	GPIO8 SPI0_CE0_N
Ground	25 26	GPIO7 SPI0_CE1_N
ID_SD I2C ID EEPROM	27 28	ID_SC I2C ID EEPROM
GPIO5	29 30	Ground
GPIO6	31 32	GPIO12
GPIO13	33 34	Ground
GPIO19	35 36	GPIO16
GPIO26	37 38	GPIO20
Ground	39 40	GPIO21