



Name: **PCB Proto Shield MEGA for Arduino**
Code: **MR007-004.1**

The *PCB Proto Shield MEGA for Arduino* makes it easy for you to design custom circuits. You can solder parts to the prototyping area to create your project. It has got extra connections for all of the Arduino I/O pins and it has got space to mount through-hole and surface mount integrated circuits.

A wide prototyping area with some extra features:

- Arduino MEGA Rev.3 pinout
- 1 Reset button
- 1 ICSP connector
- 14 pin SMD footprint (50 mils pitch)
- 20 pin Through Hole footprint (100 mils pitch)

The *PCB Proto Shield MEGA for Arduino* brings the power from the Arduino standard 5V and GND pins to the two power bus rows placed between the Through Hole package footprint, which can be used for powering the DIP sockets, or as power and ground rows.

The ICSP connector available on the shield has his connections wired to the SPI pins of Arduino:

- 1: (the one with the small pointer sign) MISO connected to D12
- 2: +5V
- 3: SCK connected to D13
- 4: MOSI connected to D11
- 5: RESET pin
- 6: GND