

Components

Raspberry Pi Pico

Adafruit NeoPixel Ring - 12 x 5050 RGB LED, ADA 1643

DFRobot Battery Shield für 1x 18650 Micro-USB, DFR0968

18650 Liion cell

Slide switch for the opening in the handle (11.2 x 6.4mm).

You also need some stranded wire. This should be approximately between 0.2 and 0.5mm² thick. You also need some stuffing material. Ideally, this should be some kind of foam, but if you don't have this available, you can also use paper.

Some heat shrink tubing or insulating tape to insulate the solder joints.