

Arduino Midi Switcher

Bill Of Materials

Hardware:

1x Arduino Mega 2560 (The smaller the footprint the better)

8x Momentary ON footswitch

1x 1032L Looper

1x 5 Din (or MIDI) Panel Mount Female Adapter

1x Veroboard/VeroStrip

1x 2.1mm DC adapter (make sure its the all plastic panel mount if you are using a metal enclosure)

4x 3mm LED bezel

Hook-up Wire. Lots of Hook-up wire. Any AWG will do. To make life easier for yourself get red for power, black for ground and then separate colours for each footswitch and LED

Heat Shrink Tubing get a width that can fit the resistors you get.

Passive Components

4x 3mm LED (Can be one color. Looks better with 4 different colors)

4x 4.7kohm resistors

2x 220ohm resistors

8x 10k resistors