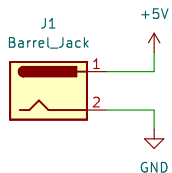
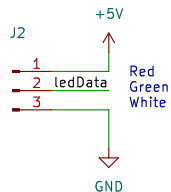


Barrel jack 5.5 x 2.1 mm



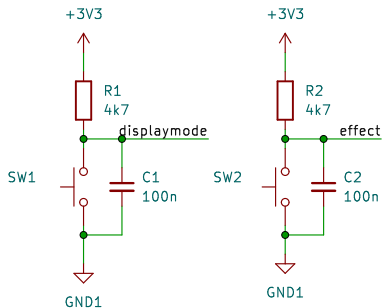
LedMatrix connector



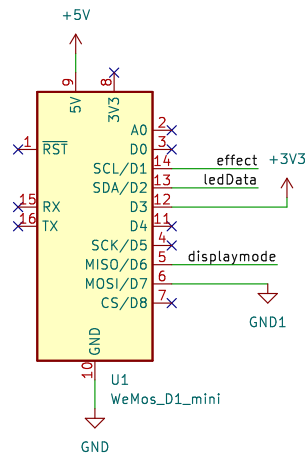
Buttons

Buttons used to alter the mode and effect.
The resistors are used to limit the current flow.
Other values could also be used.

Capacitors used for button debouncing. (probably need μ extra resistor to get it actually working :)



MCU



Note: 3v3 was provided by D3 due to issues with the 3V3 pin

Note: D7 was used as a current sink for the buttons.
(pinMode: output, digitalWrite: LOW)

First version used as a present for Anthony

Sheet: /
File: ledkader_v1.kicad_sch

Title: Ledkader

Size: A5 Date: 19/08/2023
KiCad E.D.A. kicad 7.0.5

Rev: 0
Id: 1/1