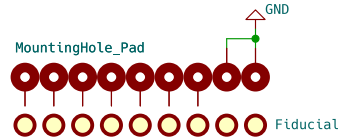
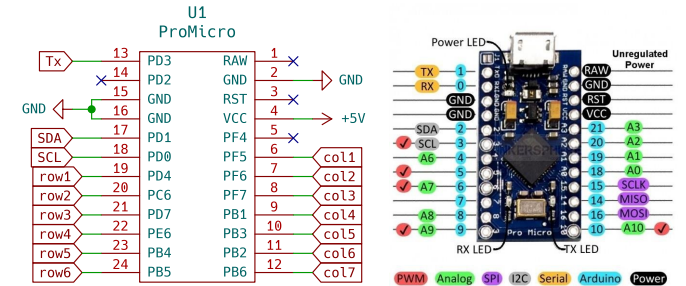


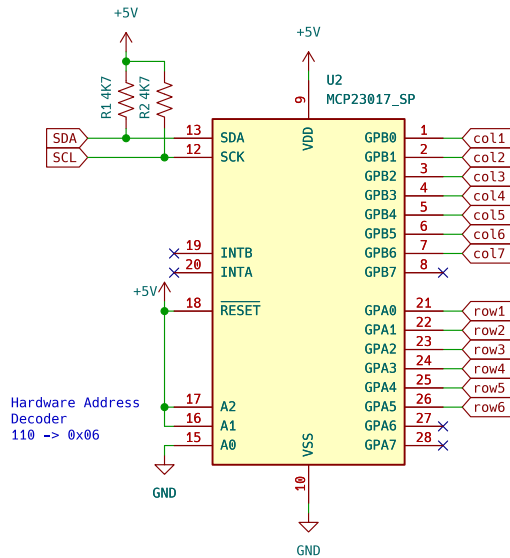
**SUDI - Split Keyboard**  
 SUDI is my custom split keyboard based on redox, it will designed with 75%+ keyboard layout (84 key with 42 each side).  
 use promicro for main MCU and MCP23017 for 16bit bidirectional I/O expansion



## Promicro

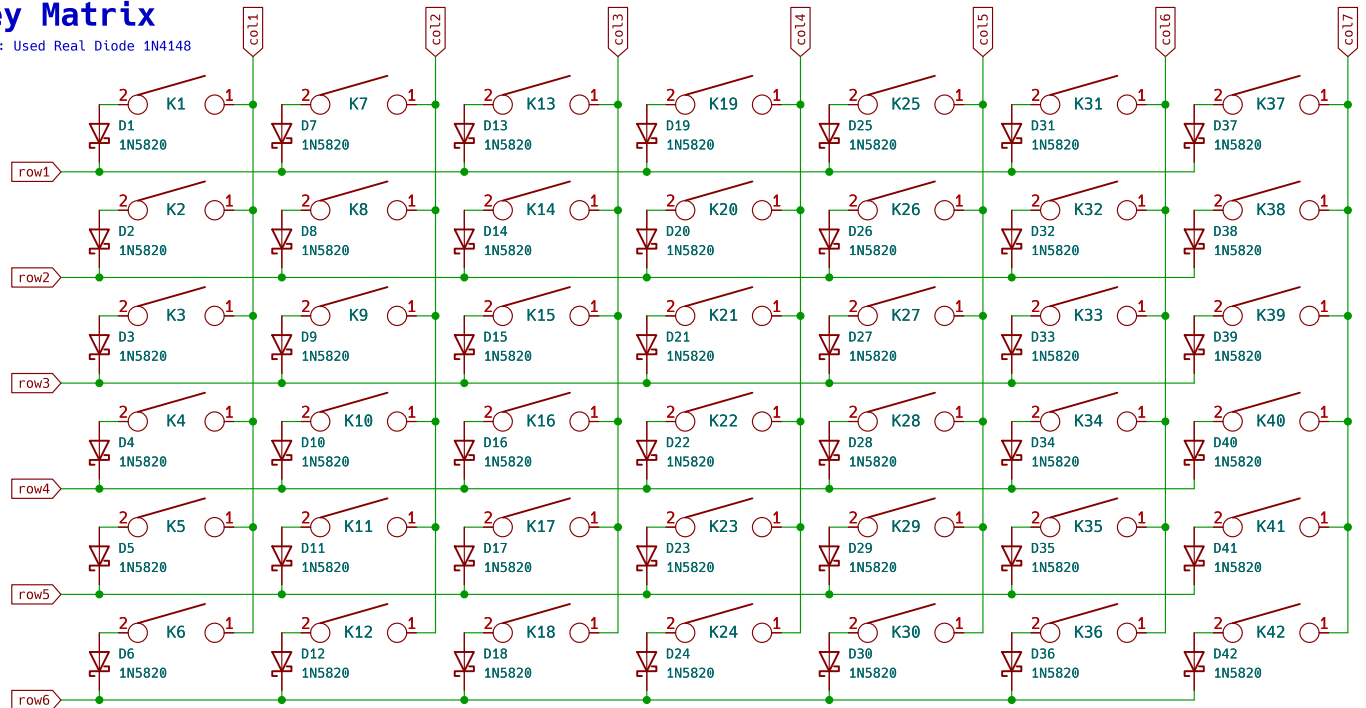


## MCP23017

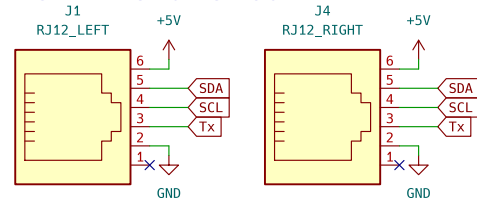


## Key Matrix

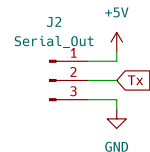
NOTE: Used Real Diode 1N4148



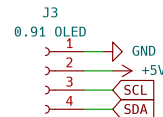
## RJ12 Female Conn



## Serial Out (TX)



## OLED 0.91'



Made With Love By AH

AHAH\_TERROR

Sheet: /

File: sudi-redox-clone.kicad\_sch

**Title: SUDI - Ergonomic Split Keyboard**

Size: A4 Date: 2023-11-04

KiCad E.D.A. kicad 7.0.9

Rev: 0.2

Id: 1/1