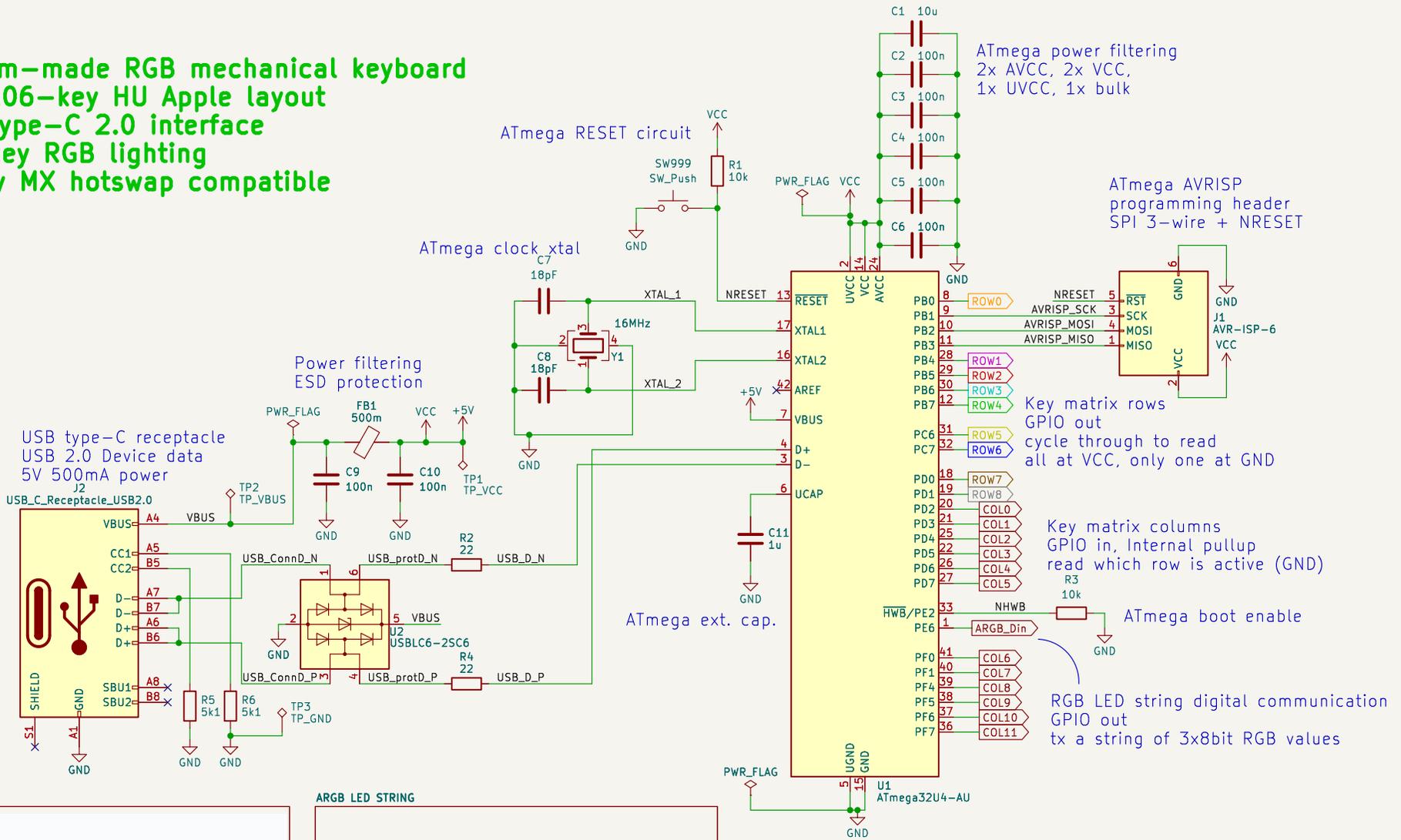
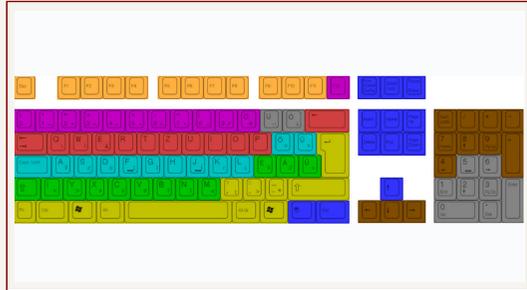


**Custom-made RGB mechanical keyboard**  
**Full 106-key HU Apple layout**  
**USB type-C 2.0 interface**  
**Per-key RGB lighting**  
**Cherry MX hotswap compatible**

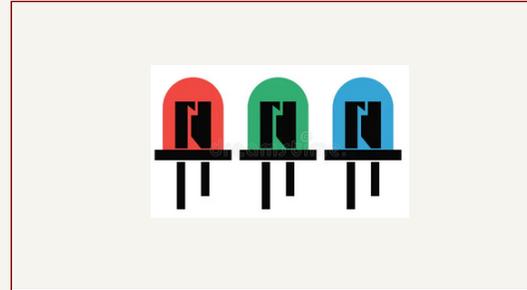


KEY MATRIX



File: keys.kicad\_sch

ARGB LED STRING



File: leds.kicad\_sch

designed by LostFeater  
 toplevel schematic by koma111

Sheet: /  
 File: kbd.kicad\_sch

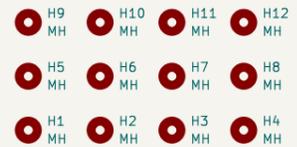
**Title: Custom RGB mechanical keyboard**

Size: A4 Date: 2023-06-22

KiCad E.D.A. 9.0.0

Rev: 1.3

Id: 1/3



designed by LostFeather

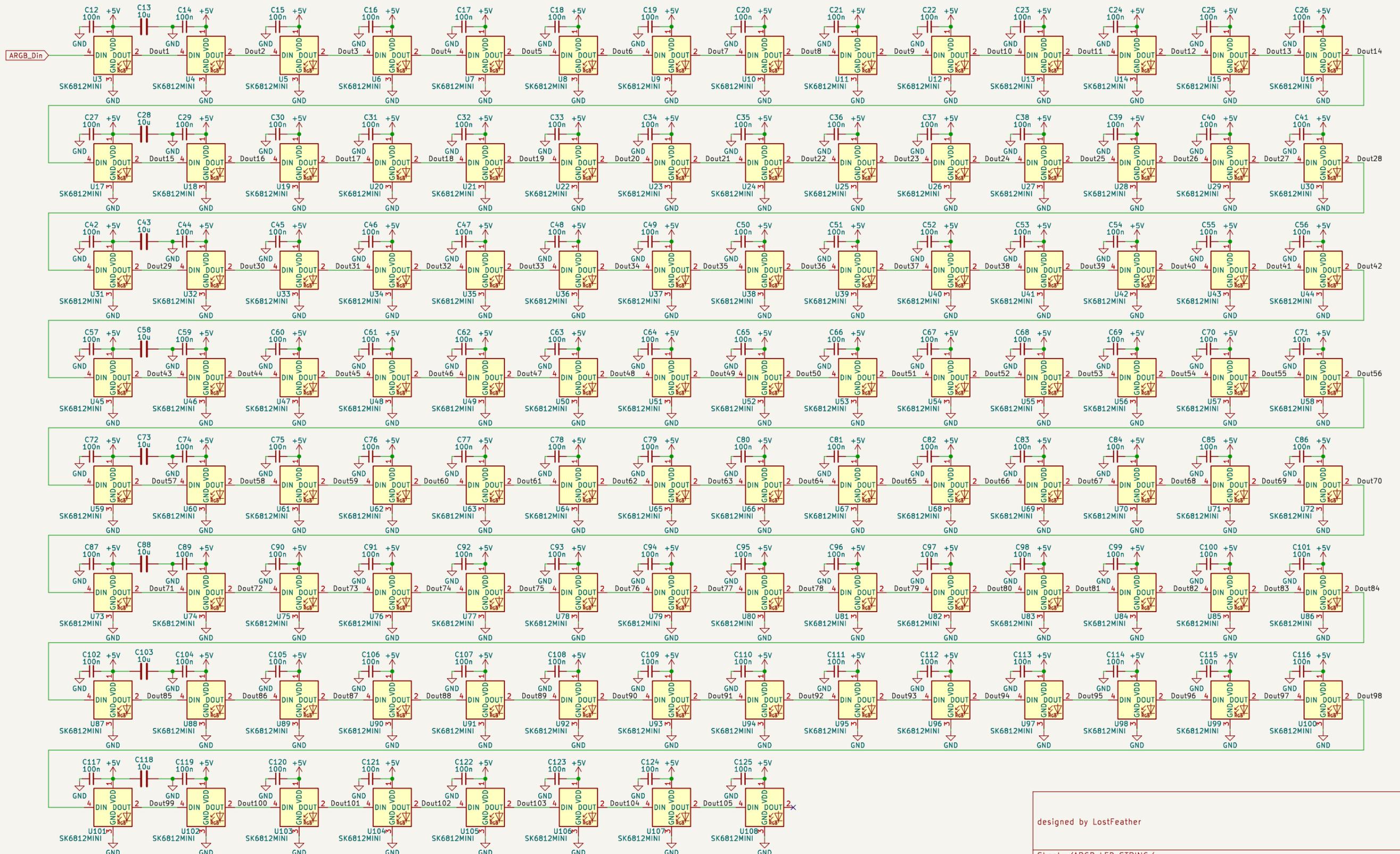
---

Sheet: /KEY MATRIX/  
 File: keys.kicad\_sch

**Title: RGB mechanical kbd key matrix**

Size: A3	Date: 2023-06-22	Rev: 1.3
KiCad E.D.A. 9.0.0		Id: 2/3

- Note:
- all LEDs should form Data string (Dout\_x -> Din\_x+1)
  - all LEDs should have 100nF filtering cap between VCC and GND
  - 10uF bulk decoupling for every 14 LEDs



designed by LostFeather

Sheet: /ARGB LED STRING/  
File: leds.kicad\_sch

**Title: Custom RGB mechanical kbd LED string**

Size: A3 Date: 2023-06-22  
KiCad E.D.A. 9.0.0

Rev: 1.3  
Id: 3/3