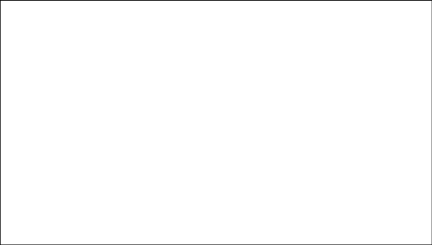


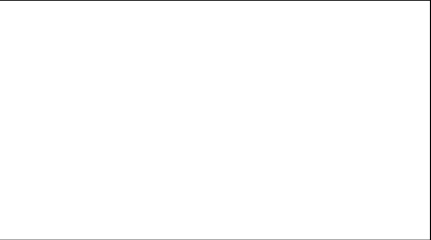
# Macropad

Sheet: USB



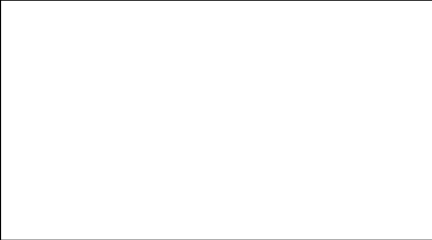
File: USB.sch

Sheet: Switches



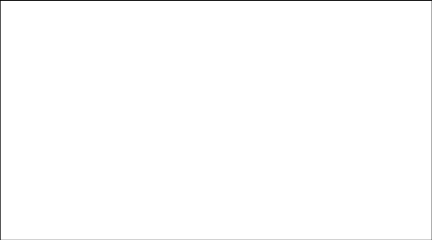
File: Switches.sch

Sheet: LEDs



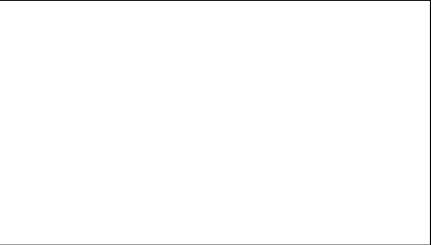
File: LEDs.sch

Sheet: uController



File: uController.sch

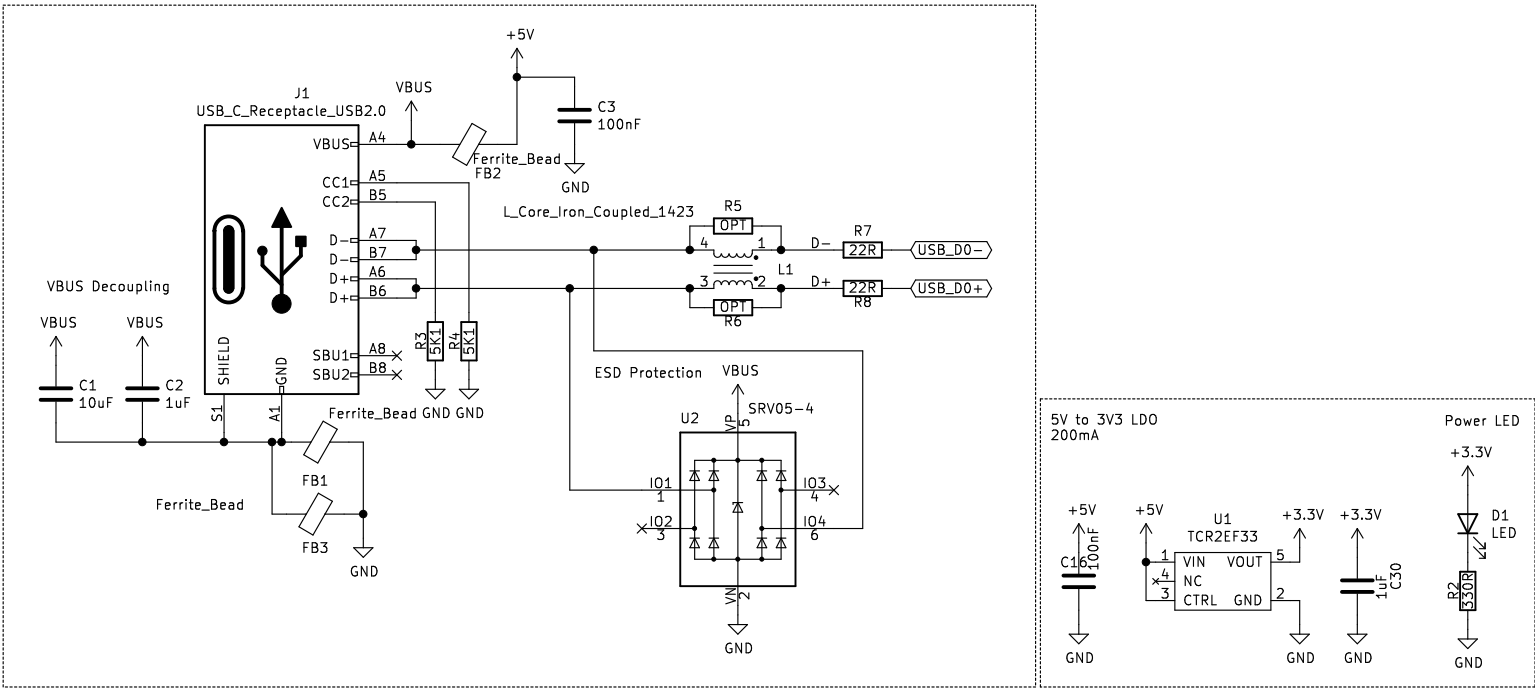
Sheet: USB\_HUB



File: USB\_HUB.sch

Sheet: /		
File: Macropad.sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.8)-1		Id: 1/6

# USB Upstream



Sheet: /USB/  
File: USB.sch

**Title:**

Size: A4

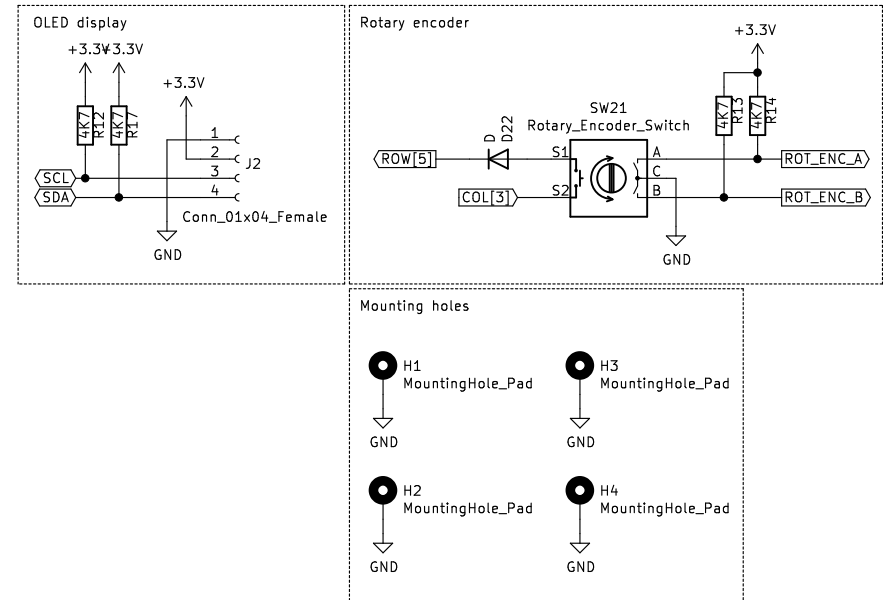
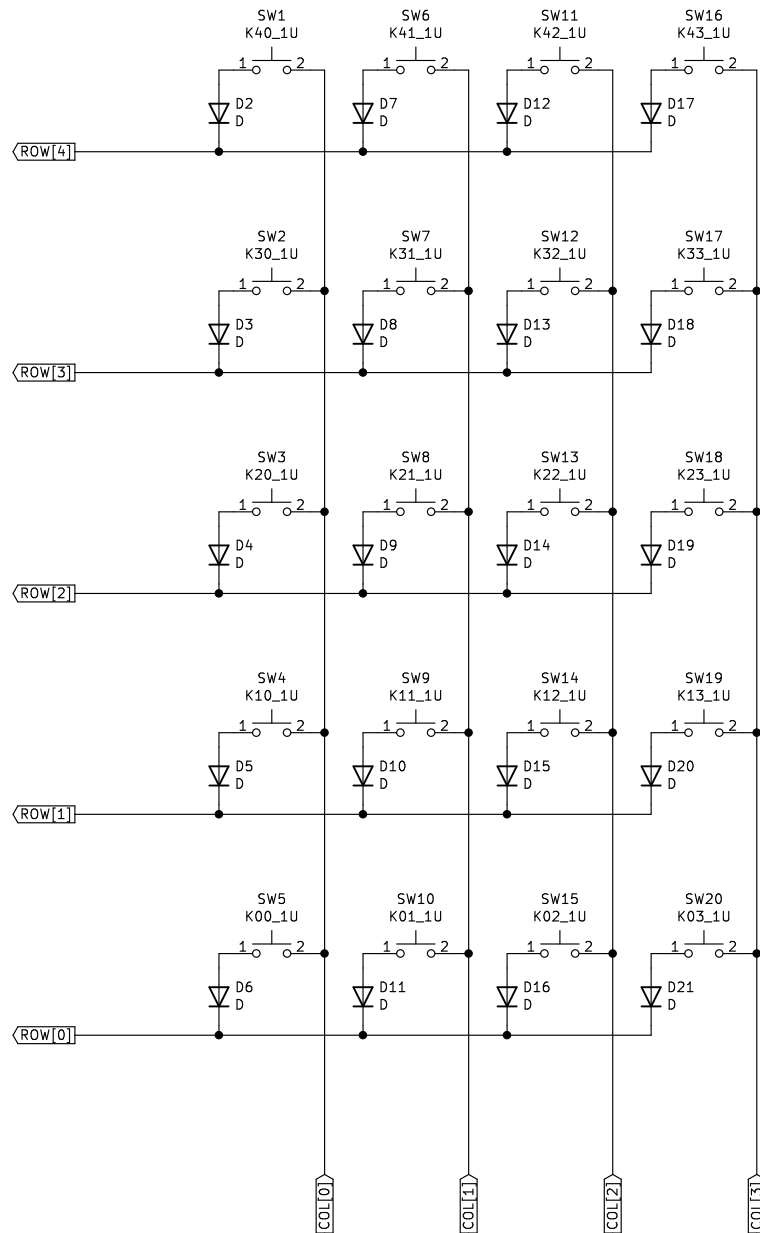
Date:

KiCad E.D.A. kicad (5.1.8)-1

**Rev:**

Id: 2/6

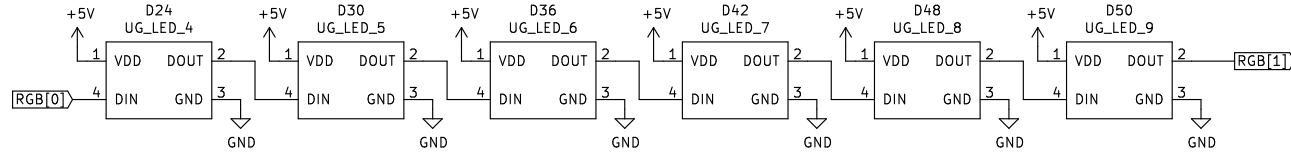
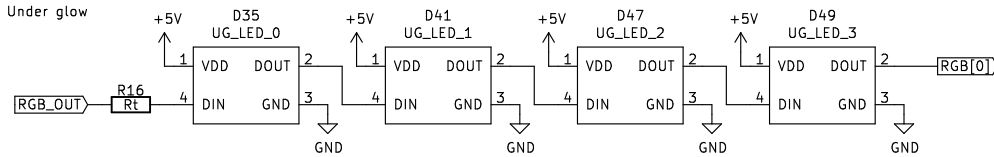
# Switch Matrix



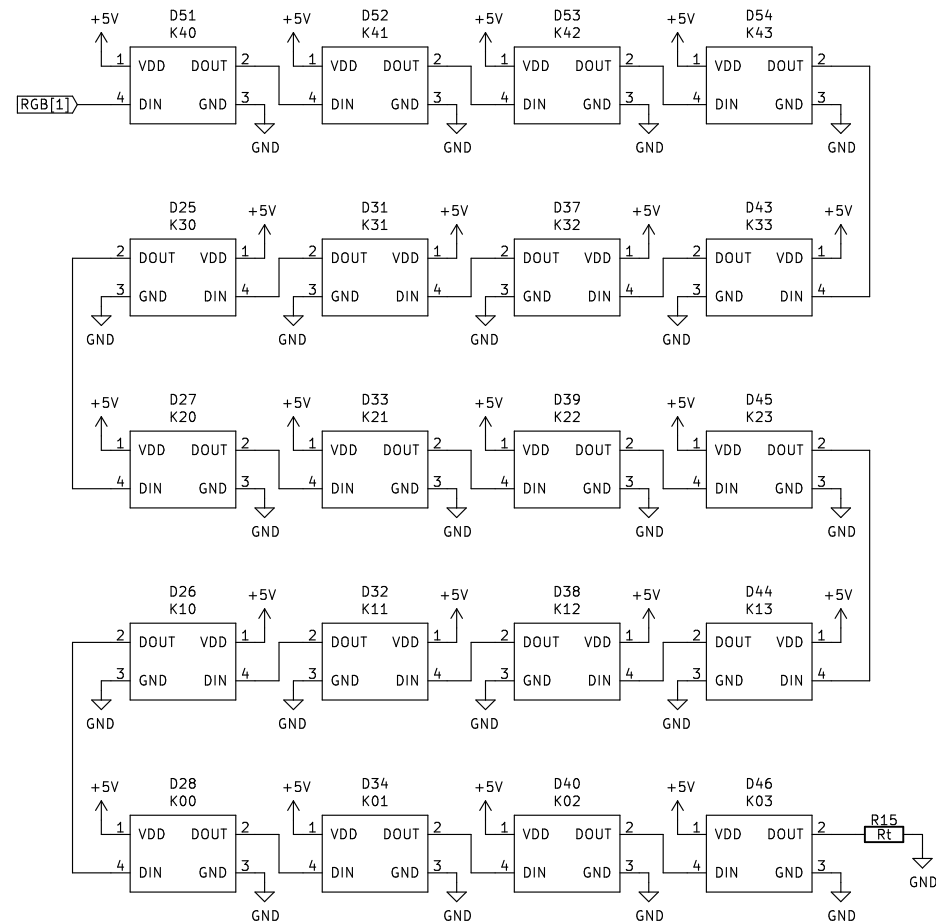
Sheet: /Switches/		
File: Switches.sch		
<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.8)-1		Id: 3/6

# LEDs

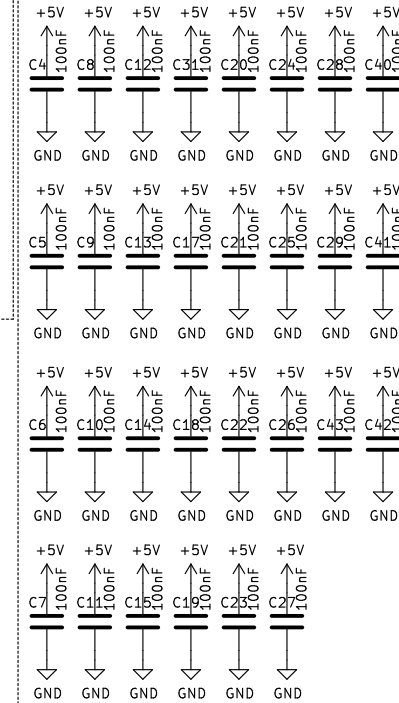
Under glow



Keycap lighting



LED Decoupling



Sheet: /LEDs/  
File: LEDs.sch

**Title:**

Size: A4

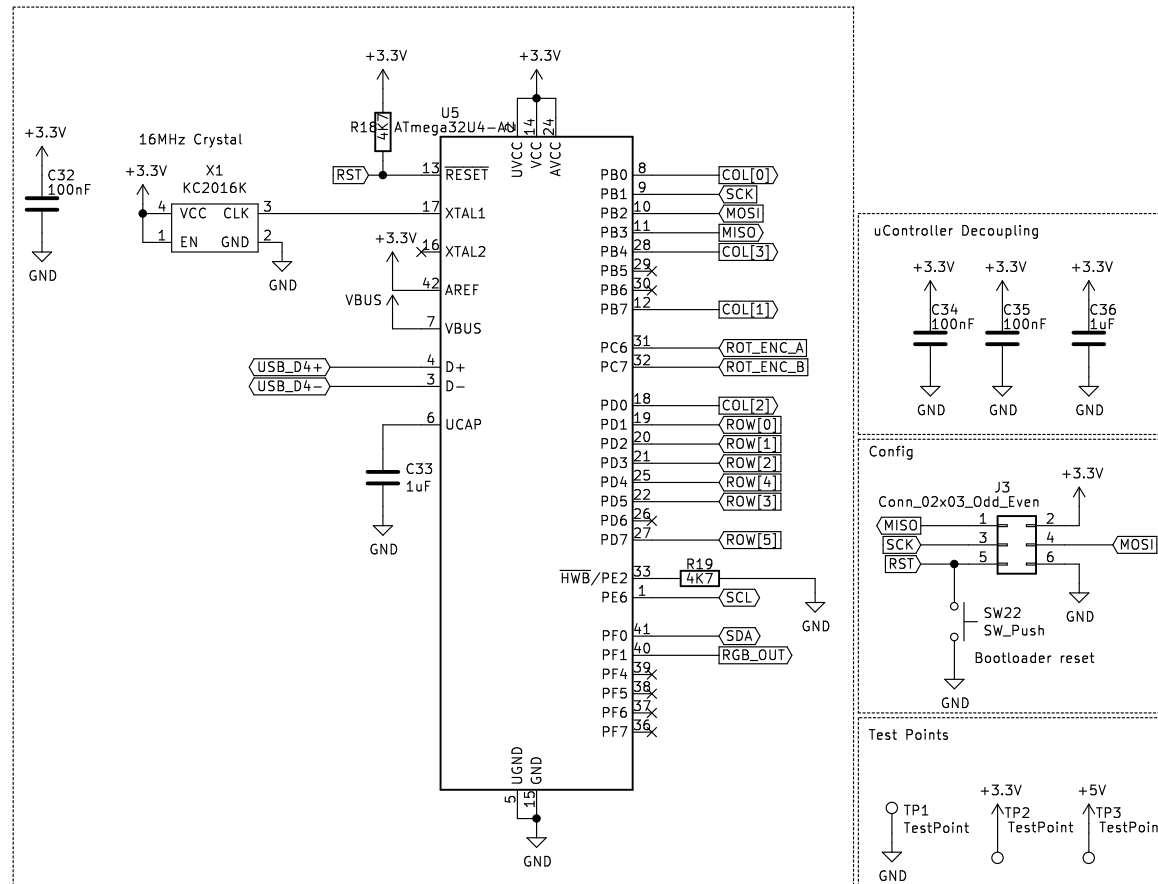
Date:

KiCad E.D.A. kicad (5.1.8)-1

**Rev:**

Id: 4/6

# uController



Sheet: /uController/  
File: uController.sch

## Title:

Size: A4

Date:

KiCad E.D.A. kicad (5.1.8)-1

Rev:

Id: 5/6

USB HUB

RC rise time 6.5ms aprox

Disable EEPROM  
Configure device for 6MHz operation

USB downstream

ESD protection

Sheet: /USB\_HUB/  
File: USB\_HUB.sch

**Title:**

Size: A4 Date: Rev: 6/6

KiCad E.D.A. kicad (5.1.8)-1

<b>Title:</b>	
Size: A4	Date:
KiCad E.D.A.    kicad (5.1.8)–1	

Size: A4	Date:
KiCad E.D.A. kicad (5.1.8)-1	

ad (5.1.8)–1

<b>Rev:</b>
Id: 6/6