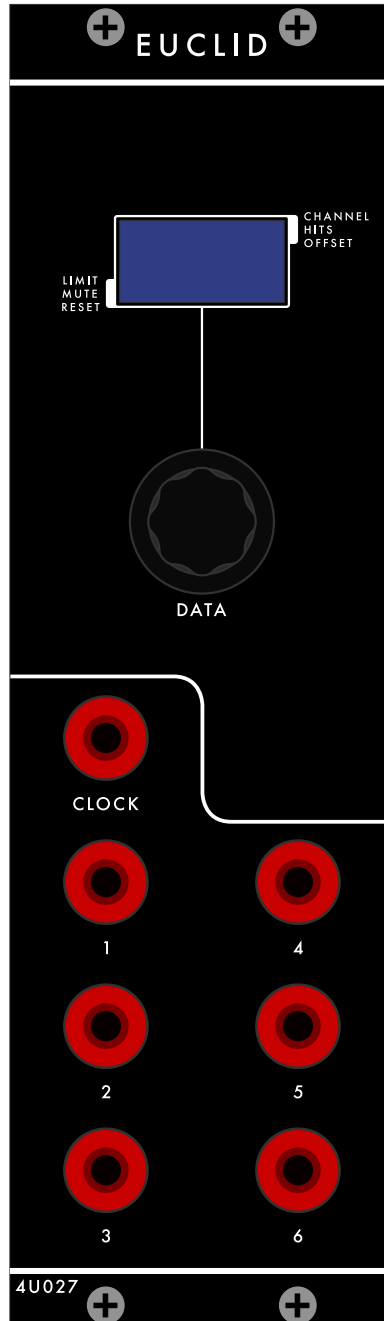
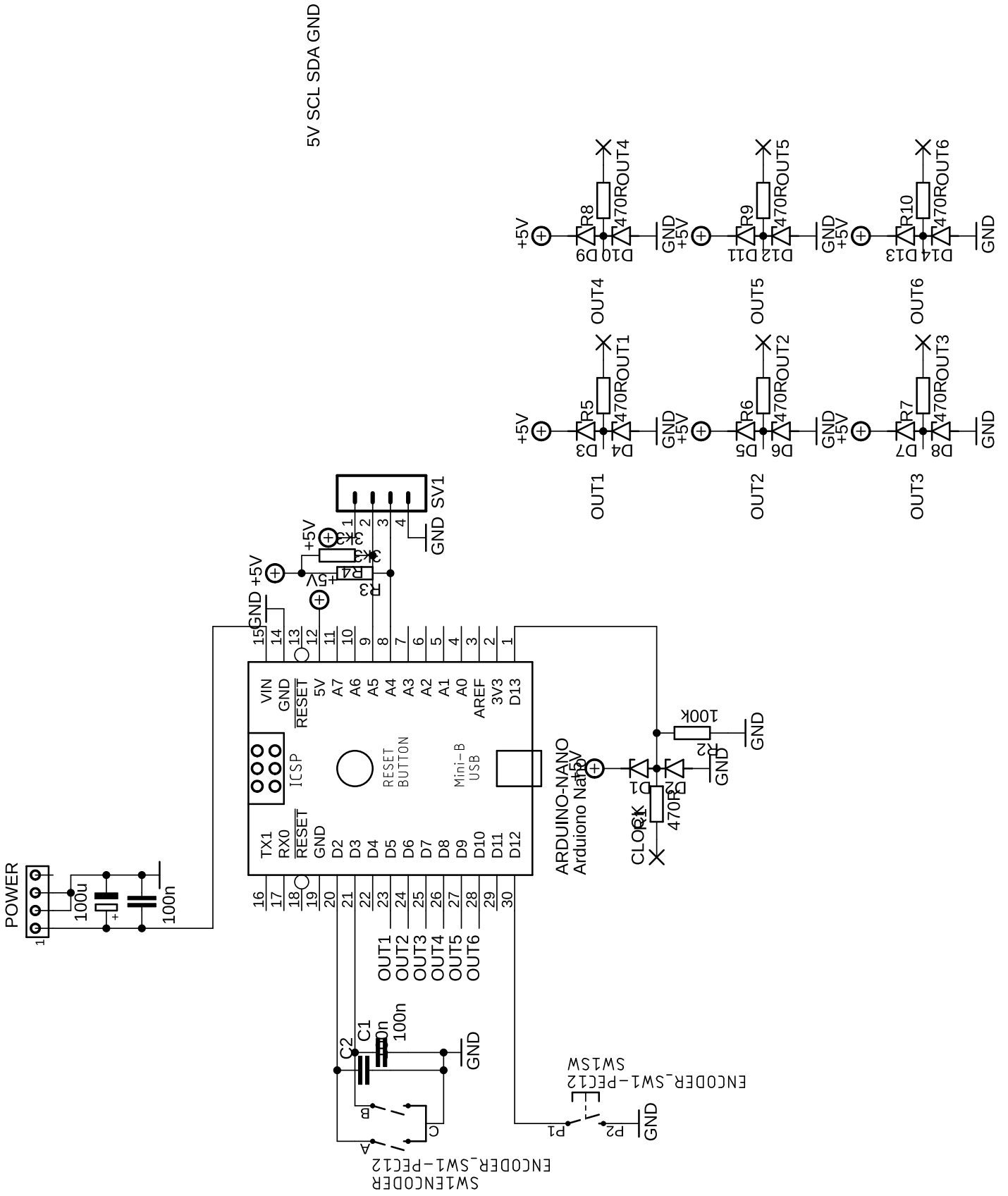


# 4U027 - EUCLID



# Schematic



# BOM

4U027 - Euclid

*Arduino Nano based euclidean sequencer - original by Hagiwo*

Value, name	Quantity	Remark
<b>Capacitors</b>		
100uF	1	electrolytic, 35V
100nF	3	small footprint ceramic (film can be used)
<b>Resistors</b>		
470R	7	
3k3	2	
100k	1	
rotary encoder with switch	1	
<b>Semiconductors</b>		
BAT85 or BAT43	14	
Arduino Nano	1	using sockets for this is recommended!
SSD1306 display, I2C	1	4 pin I2C display - 0,96" / 128x64 pixel
<b>Misc</b>		
banana jack - RED	7	

# Build tips

4U027 doesn't need any wiring, it is all panel-mount (besides the banana jacks).

The only tip you should consider is the mounting of the OLED display.

As you can see on the picture, we've used M2 screws and bolts as support and spacers.

