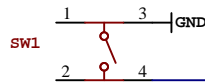
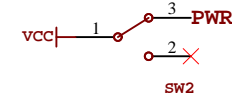


Reset Button

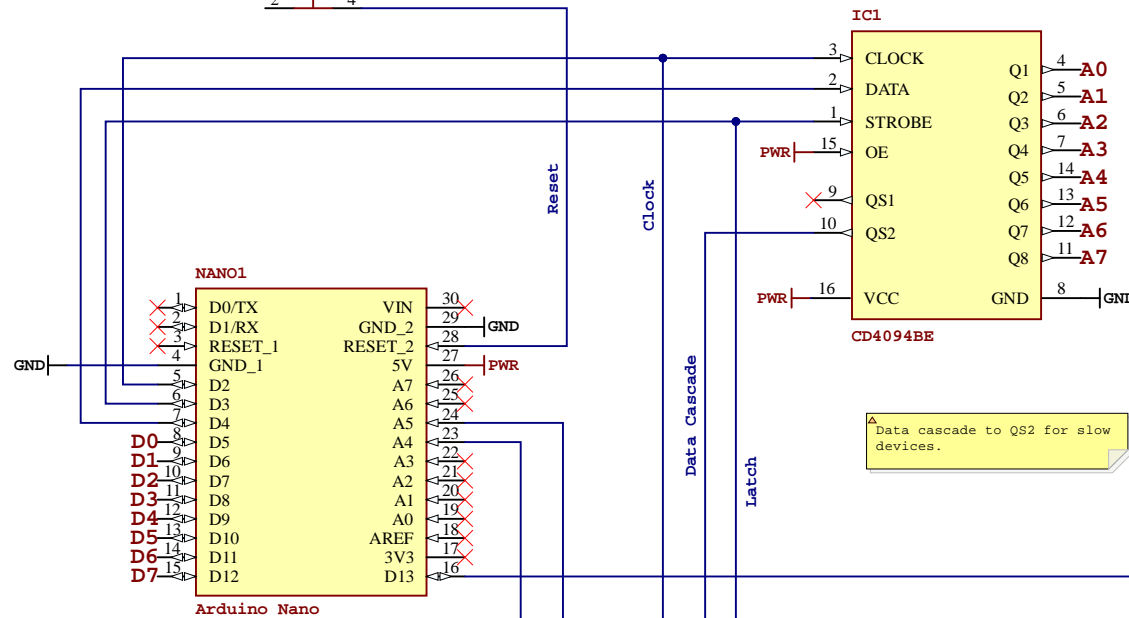
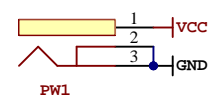


Arduino Nano reset pin is activated when set to GND.

Power Switch



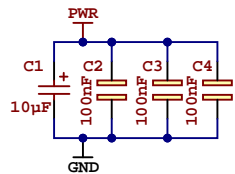
Power Connector



Parallel data shifted by 4094 is used as address of memory. From Q1 to Q8 pins, Q1 is less significative bit.

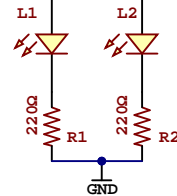
Data cascade to QS2 for slow devices.

Status LED pins:
RUNNING -> A4
FINISHED -> A5
Check your code



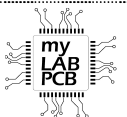
Decoupling Capacitors

Display Indicators



OE (Output enable signal) is set using most significative bit of data of IC2. Q8

Output Enable Signal

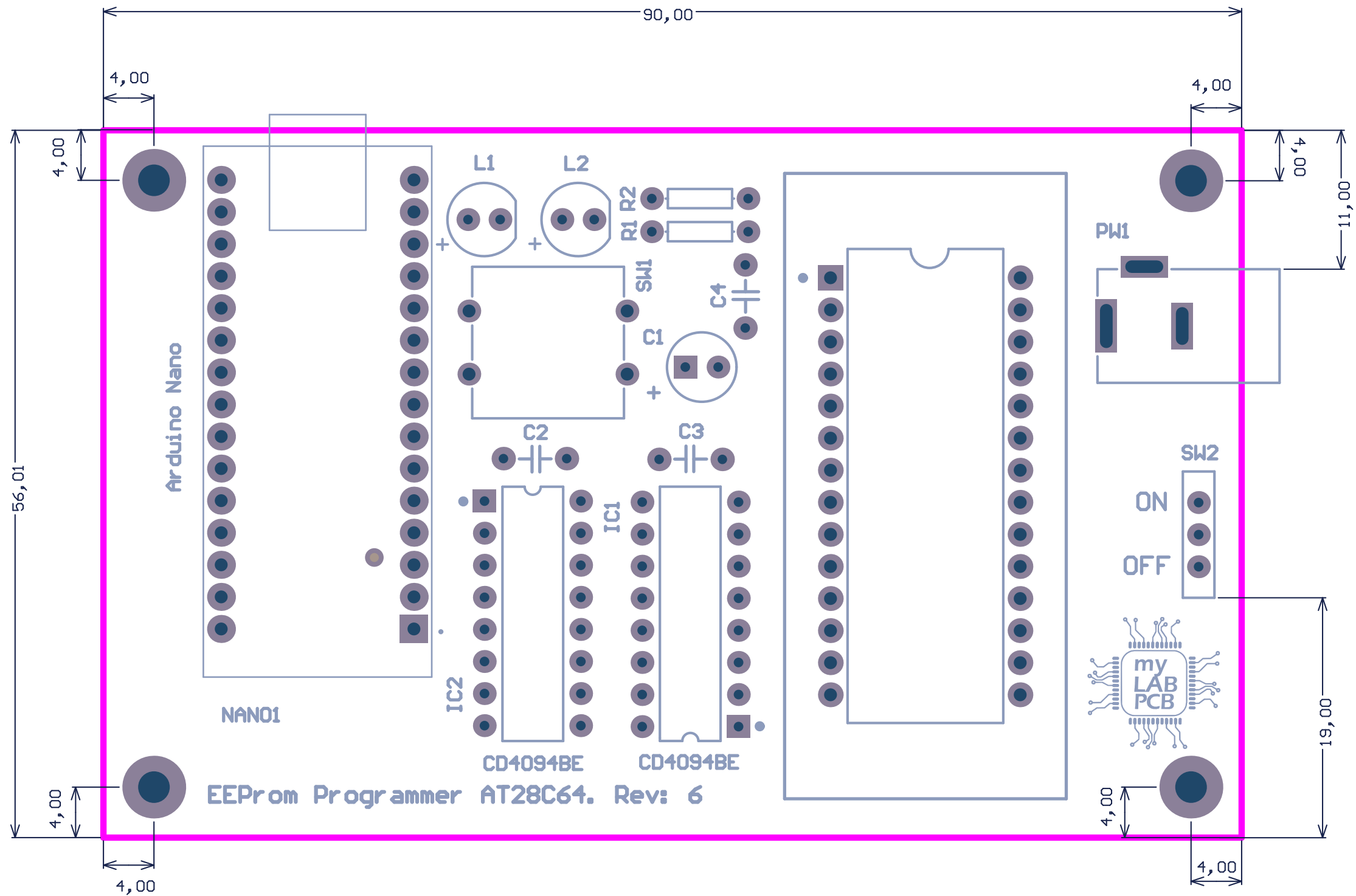


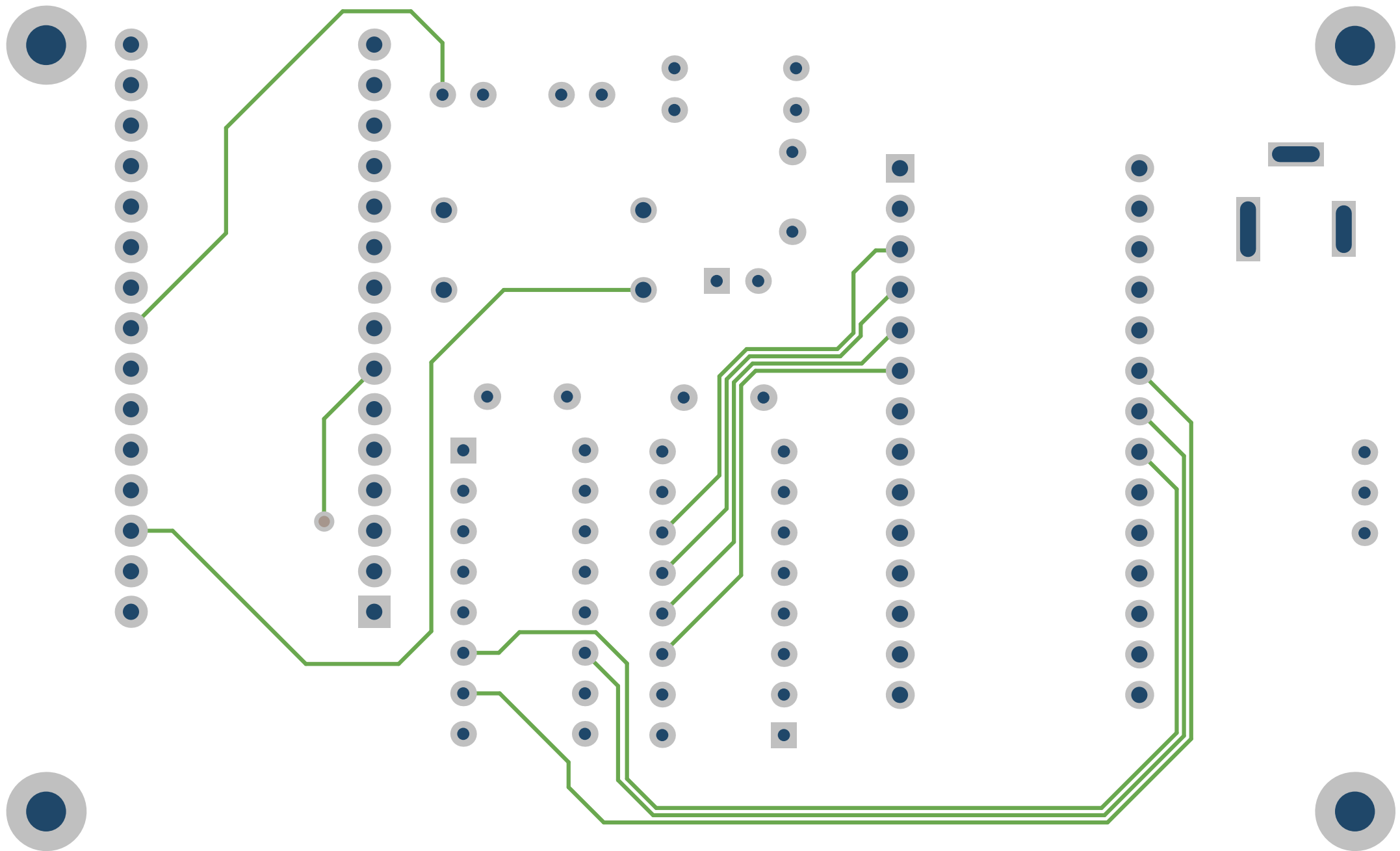
Project: EEPROM Programmer AT28C64

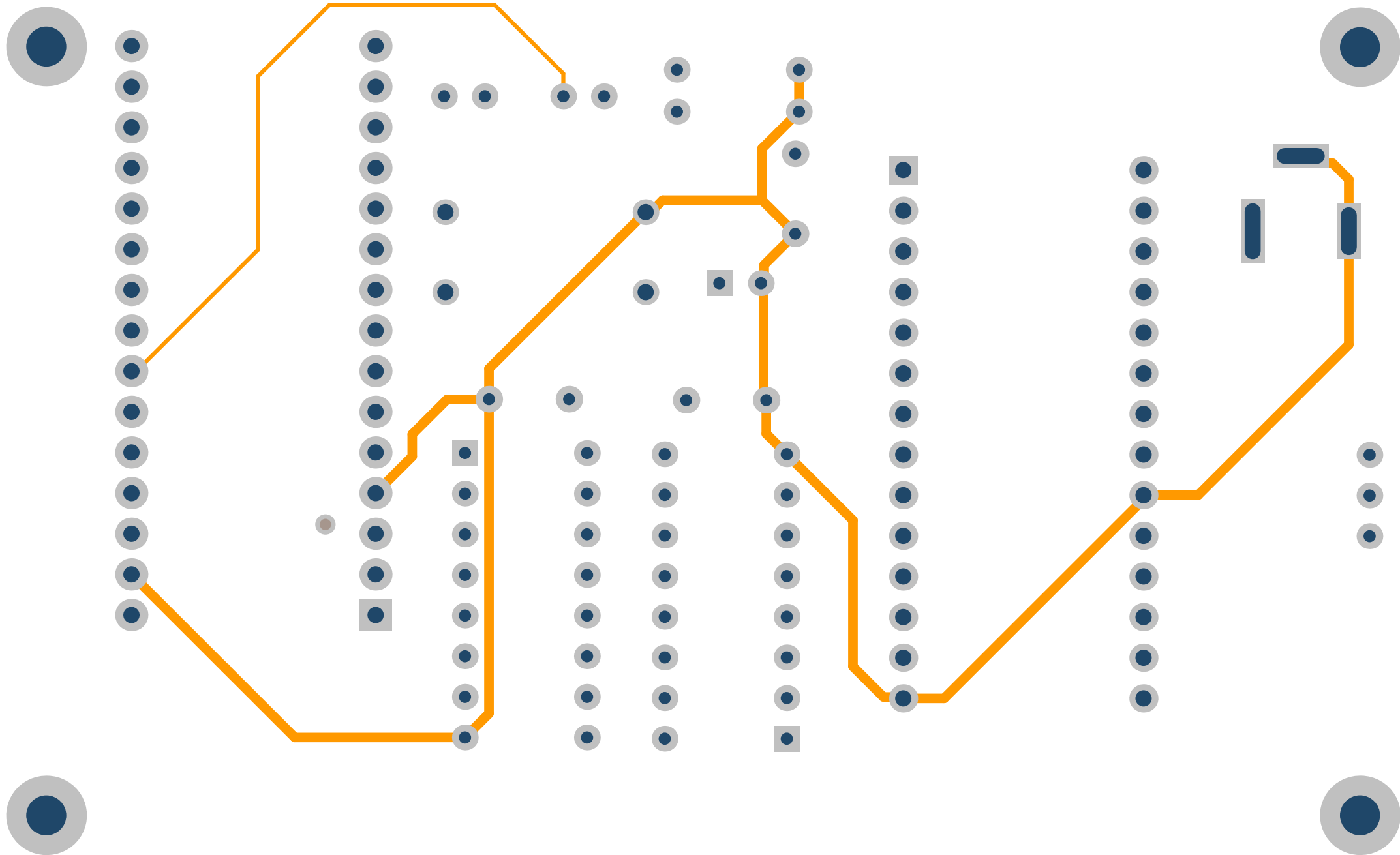
Revision: 6

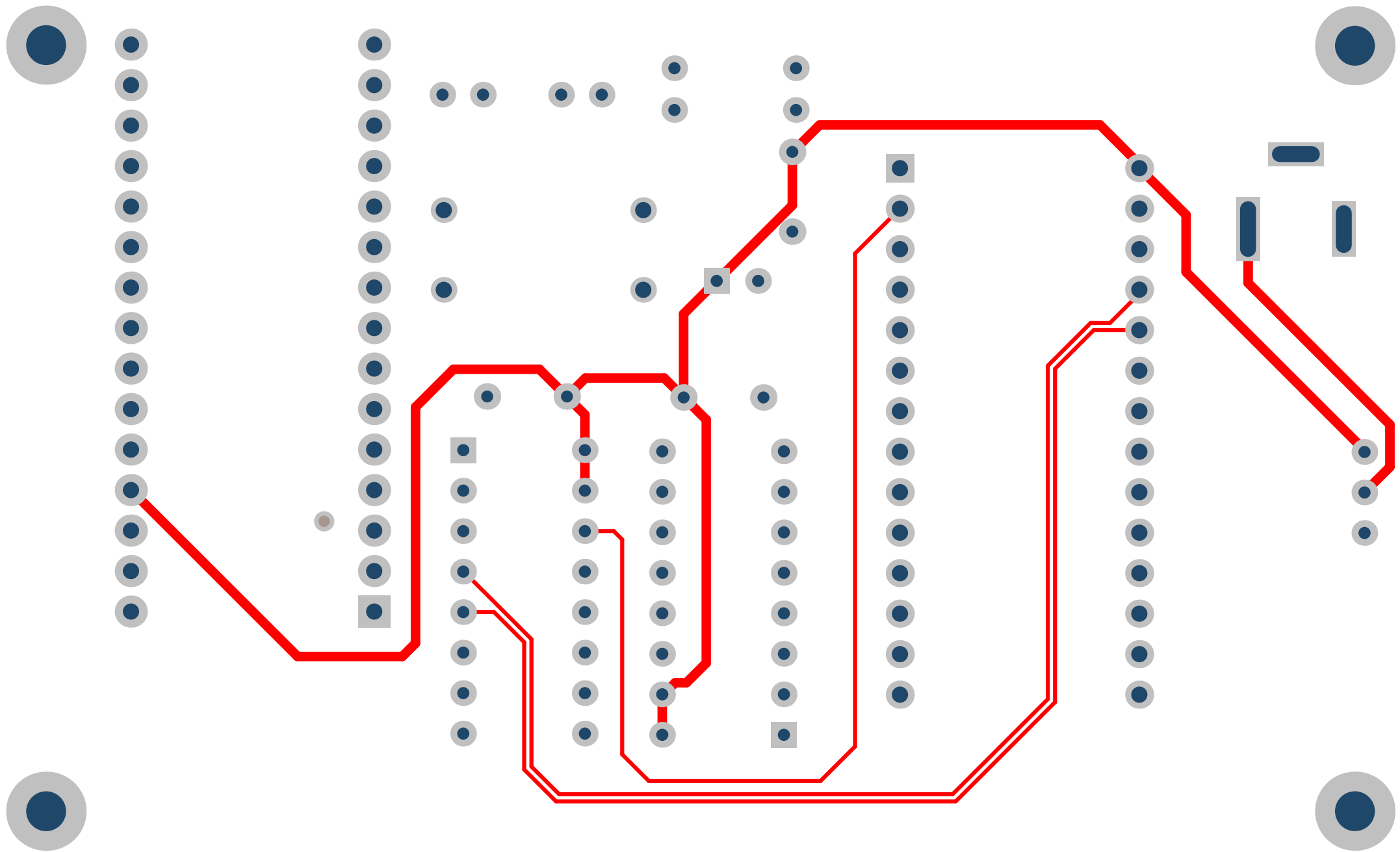
Date: 19/11/2022

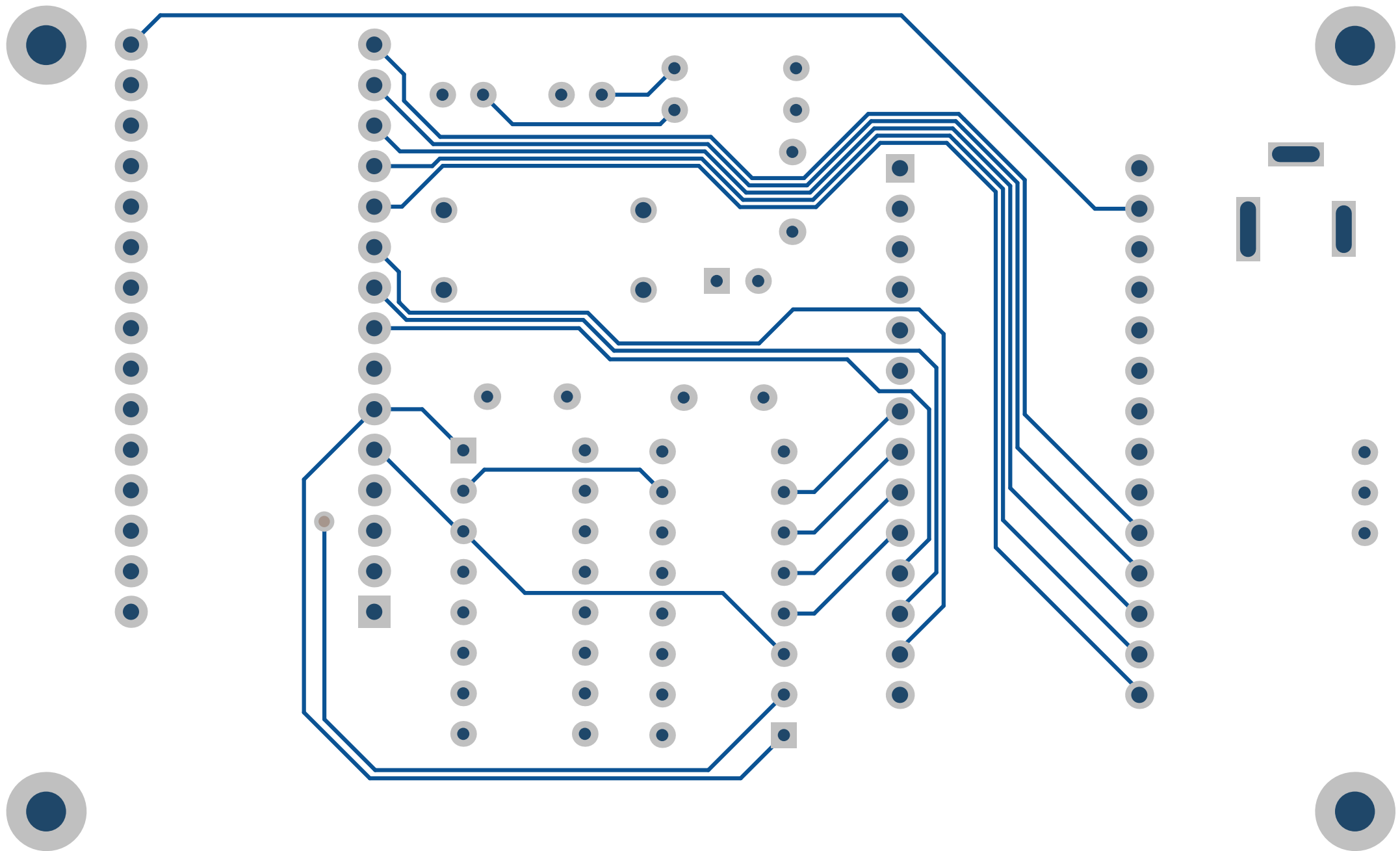
Author: Rafa Hernández







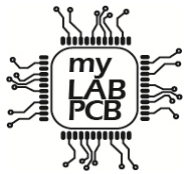






Bill of Materials

Designator	Description	Value	Q
C1	Electrolytic capacitor 16v/50v	10μF	1
C2, C3, C4	Ceramic or tantalum capacitor	100nF	3
IC1, IC2	CMOS 8 bits shift register, 3 state	CD4094	2
L1	Led 5mm Round	Yellow	1
L2	Led 5mm Round	Green	1
MEM1	ZIF Socket 28 Wide	28W	1
NANO1	Arduino NANO v3	v3	1
PW1	DC Power Jack, 2.5 A, 2 mm Center Pin, 3 Position, THT Right Angle		1
R1, R2	Resistor Axial	220Ω	2
SW1	Tactile button 12 mm	12 mm	1
SW2	Mini slide switch 2 pos, 3 pins	3 pos	1



Assembly List

Designator	Description	Value
C1	Electrolytic capacitor 16v/50v	10 μ F
C2	Ceramic or tantalum capacitor	100nF
C3	Ceramic or tantalum capacitor	100nF
C4	Ceramic or tantalum capacitor	100nF
IC1	CMOS 8 bits shift register,3 state	CD4094
IC2	CMOS 8 bits shift register,3 state	CD4094
L1	Led 5mm Round	Yellow
L2	Led 5mm Round	Green
MEM1	ZIF Socket 28 Wide	28W
NANO1	Arduino NANO v3	v3
PW1	DC Power Jack, 2.5 A, 2 mm Center Pin, 3 Position, THT Right Angle	
R1	Resistor Axial	220 Ω
R2	Resistor Axial	220 Ω
SW1	Tactile button 12 mm	12 mm
SW2	Mini slide switch 2 pos, 3 pins	3 pos