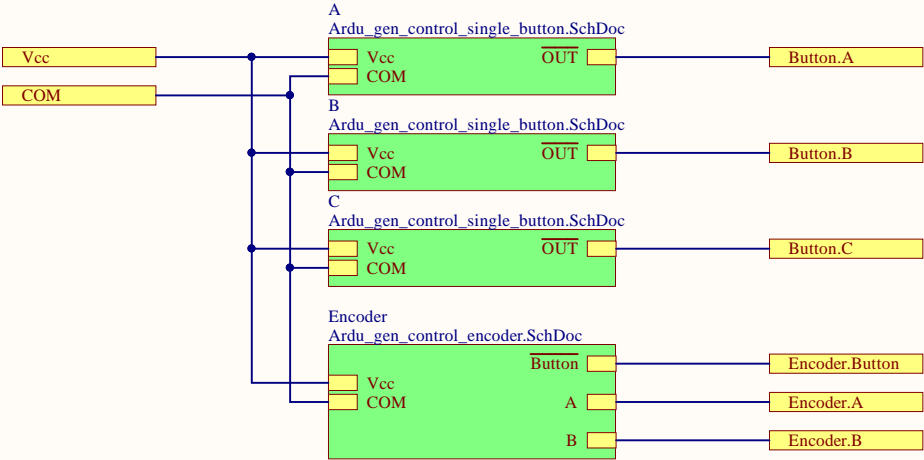
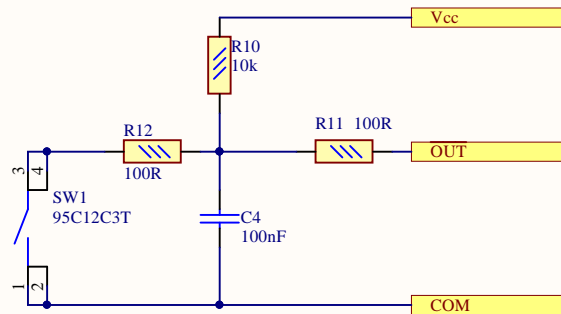


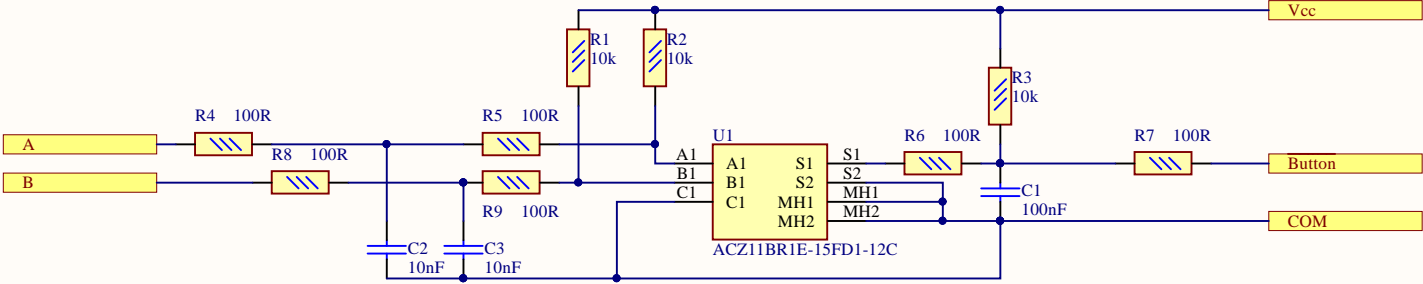
Title		
Size	Number	Revision
A4		
Date:	12.04.2020	Sheet of
File:	C:\Users\...\Ardu_gen_main.SchDoc	Drawn By:



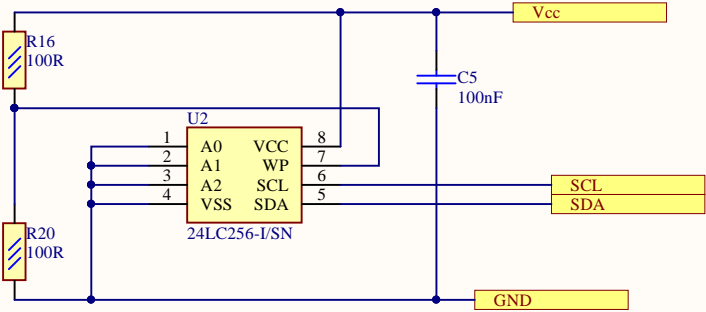
Title		
Size A4	Number	Revision
Date:	12.04.2020	Sheet of
File:	C:\Users\...\Ardu_gen_control.SchDoc	Drawn By:



Title		
Size A4	Number	Revision
Date:	12.04.2020	Sheet of
File:	C:\Users\...\Ardu_gen_control_single_button\ArduGenDoc	



Title		
Size A4	Number	Revision
Date: 12.04.2020	Sheet	of
File: C:\Users\...\Ardu_gen_control_encoder.SchDoc	Drawn By:	



<https://github.com/gngz/24LC256-Arduino-Library>  
<http://www.hobbytronics.co.uk/arduino-external-eprom>

Title		
Size	Number	Revision
A4		
Date:	12.04.2020	Sheet of
File:	C:\Users\...\Ardu_gen_eprom.SchDoc	Drawn By:

A

B

C

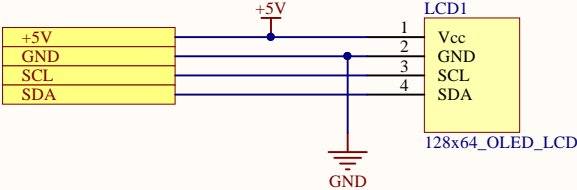
D

A

B

C

D



Title		
Size	Number	Revision
A4		
Date:	12.04.2020	Sheet of
File:	C:\Users\...\Ardu_gen_OLED.SchDoc	Drawn By:

A

A

B

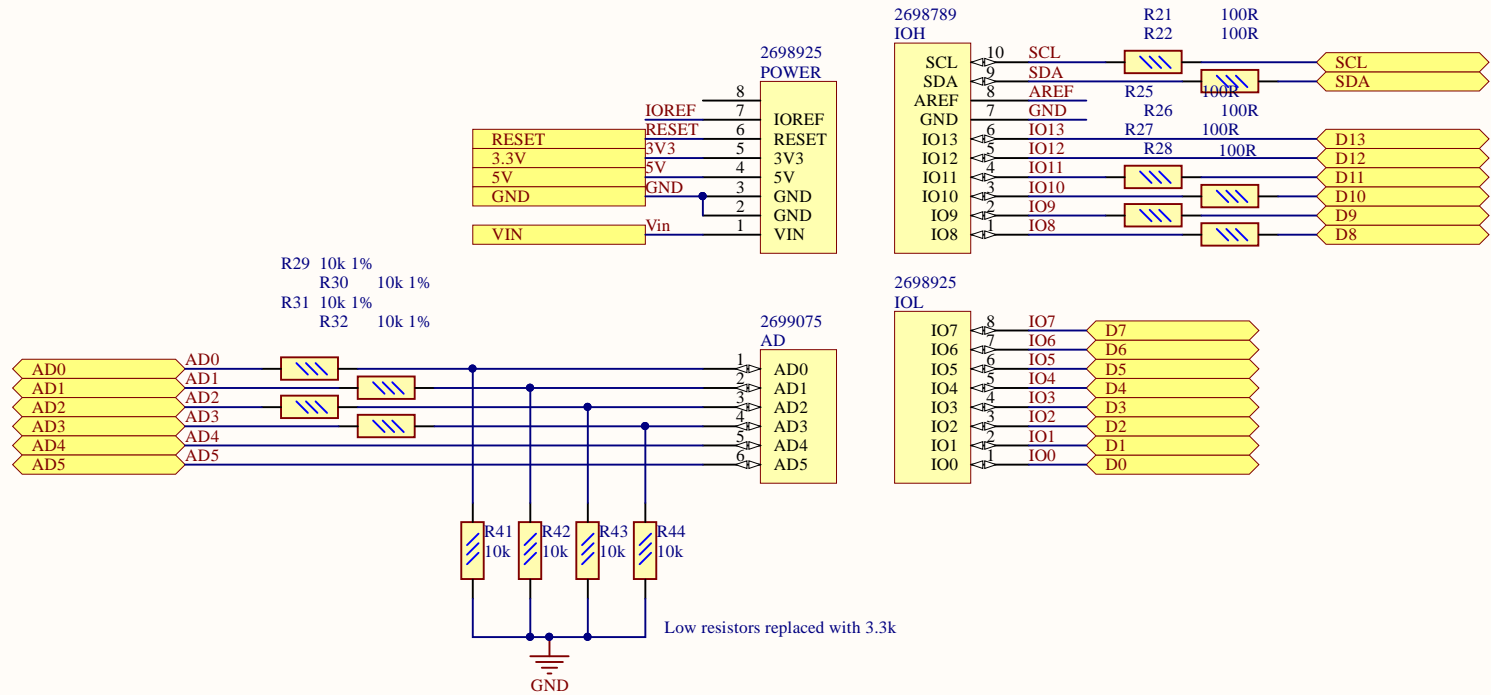
B

C

C

D

D



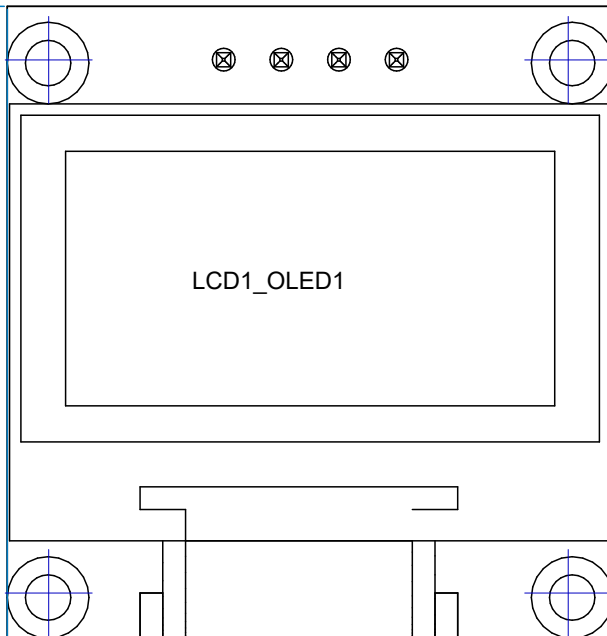
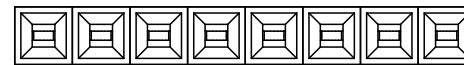
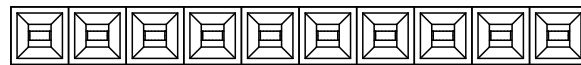
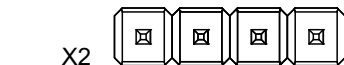
Title		
Size	Number	Revision
A4		
Date:	12.04.2020	Sheet of
File:	C:\Users\...\ArduinoUnoShield.SchDoc	Drawn By:

View from Top side (Scale 3)

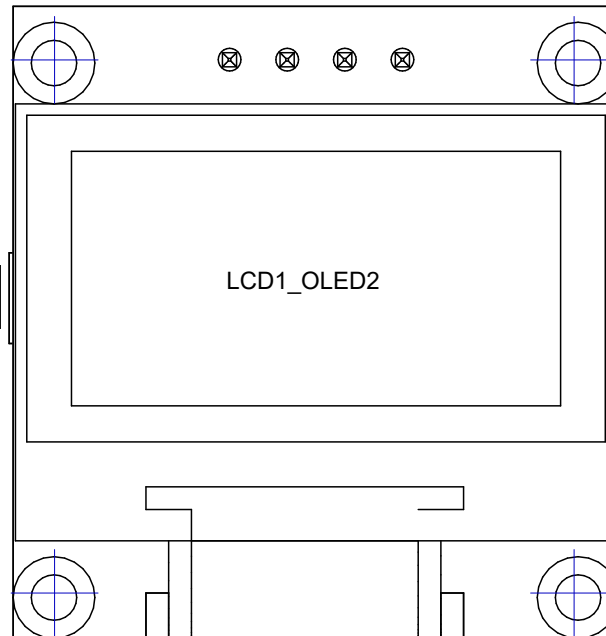
IOH

IOL

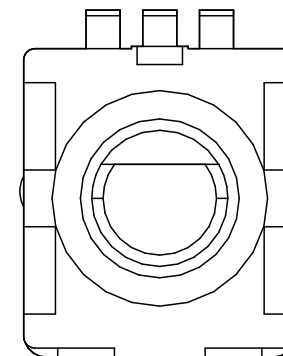
X2



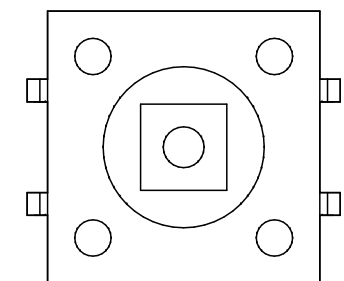
LCD1\_OLED1



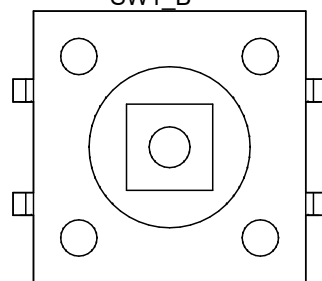
LCD1\_OLED2



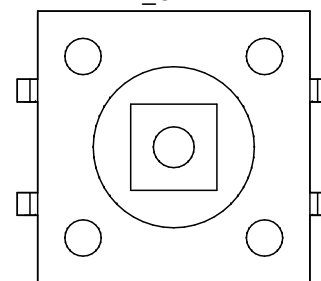
U1



SW1\_A



SW1\_B



SW1\_C

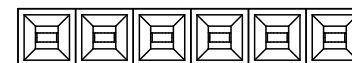
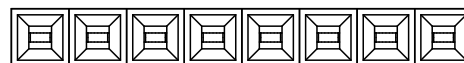
R29  
R41  
R30  
R42  
R31  
R43  
R32  
R44

X3



R34  
R33

POWER



AD

53.00mm

27.86mm

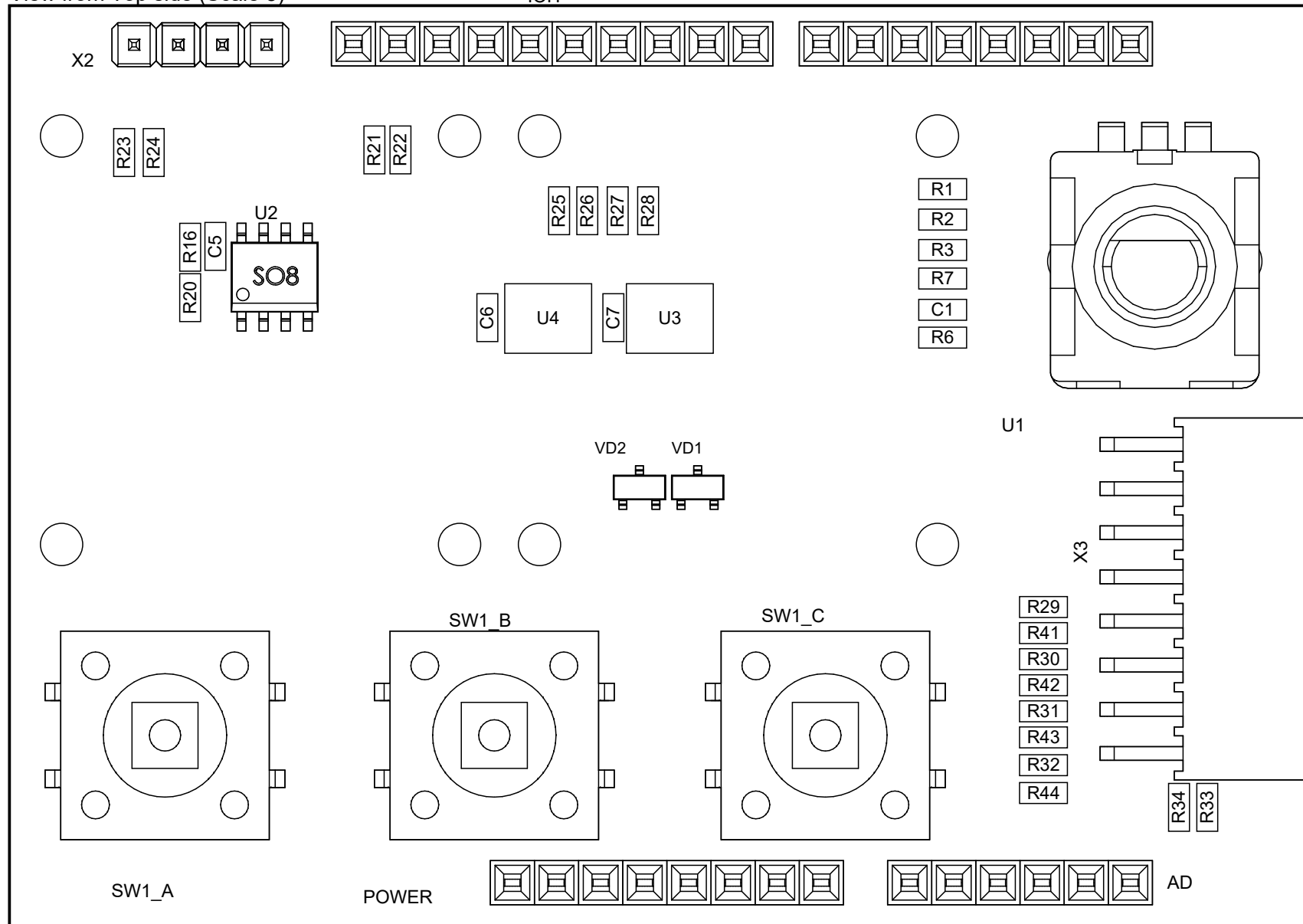
26.70mm

23.72mm

20.83mm

75.00mm

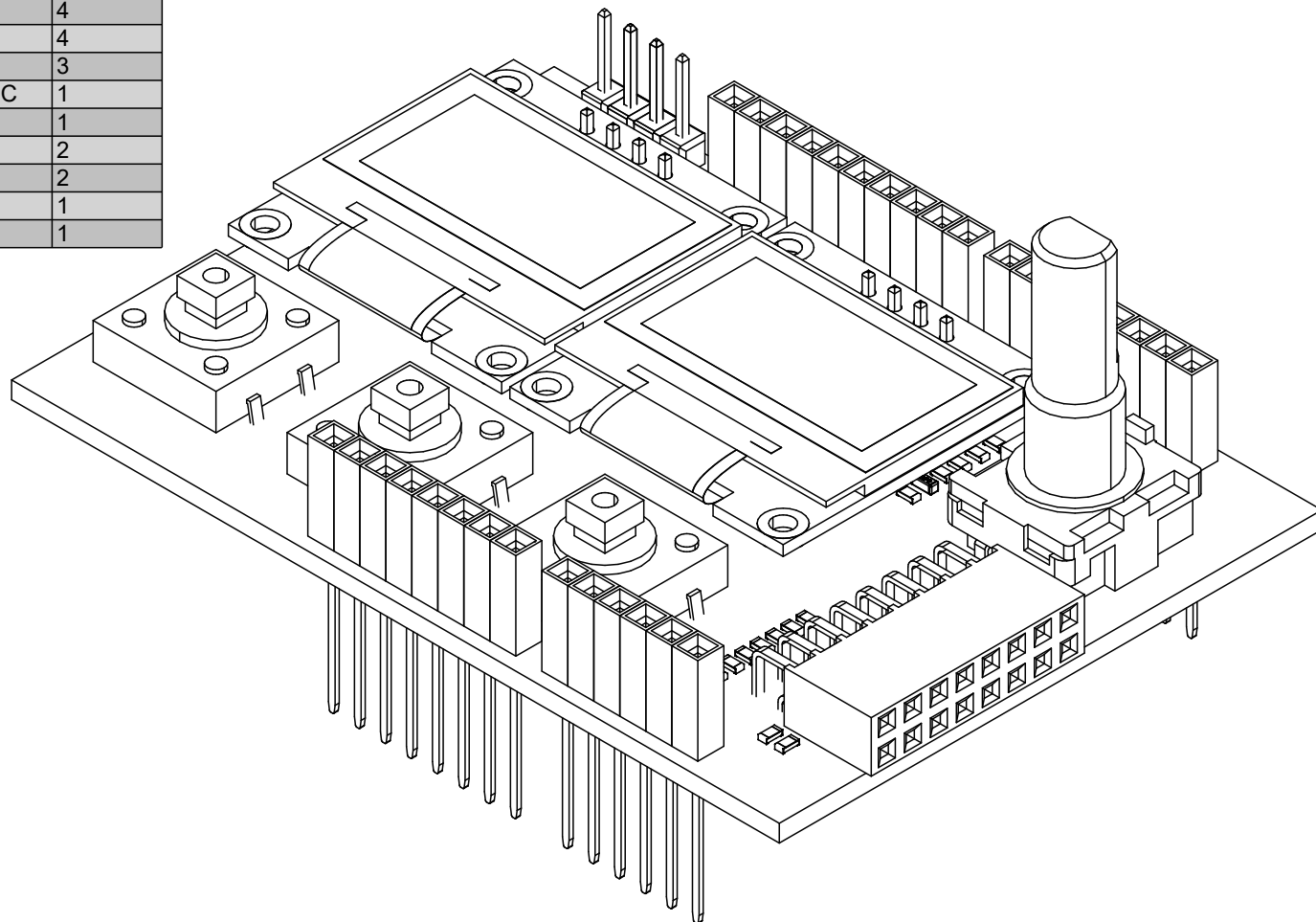




# Bill Of Materials

Line #	Designator	Comment	Quantity
1	AD	AD	1
2	C1, C4_A, C4_B, C4_C, C5, C6, C7, C8	100nF	8
3	C2, C3	10nF	2
4	IOH	IOH	1
5	IOL	IOL	1
6	LCD1_OLED1, LCD1_OLED2	128x64_OLED_LCD	2
7	POWER	POWER_UNO	1
8	R1, R2, R3, R10_A, R10_B, R10_C, R23, R24, R41, R42, R43, R44	10k	12
9	R4, R5, R6, R7, R8, R9, R11_A, R11_B, R11_C, R12_A, R12_B, R12_C, R16, R20, R21, R22, R25, R26, R27, R28	100R	20
10	R29, R30, R31, R32	10k 1%	4
11	R33, R34, R37, R38	0R	4
12	SW1_A, SW1_B, SW1_C	95C12C3T	3
13	U1	ACZ11BR1E-15FD1-12C	1
14	U2	24LC256-I/SN	1
15	U3, U4	TC4424AVOA713	2
16	VD1, VD2	BAT64	2
17	X2	M20-9990445	1
18	X3	SSW-108-02-G-D-RA	1

View from Front side (Scale 2)

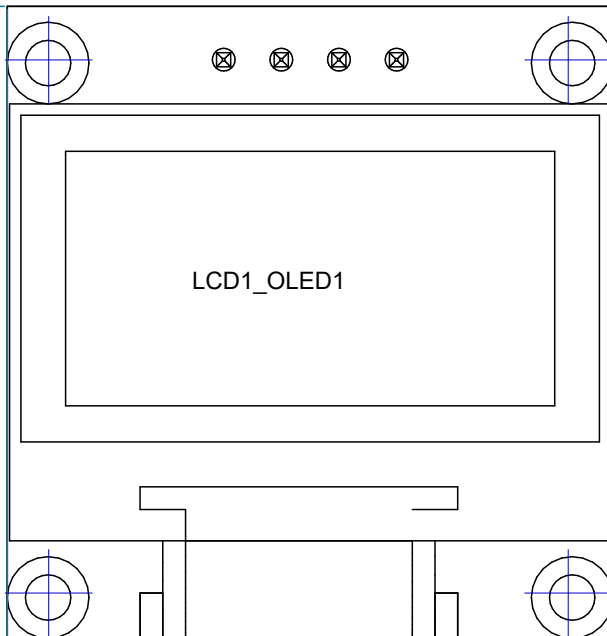
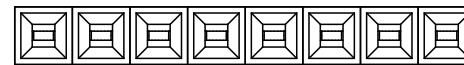
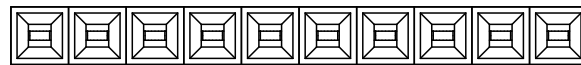
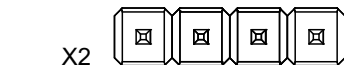


View from Top side (Scale 3)

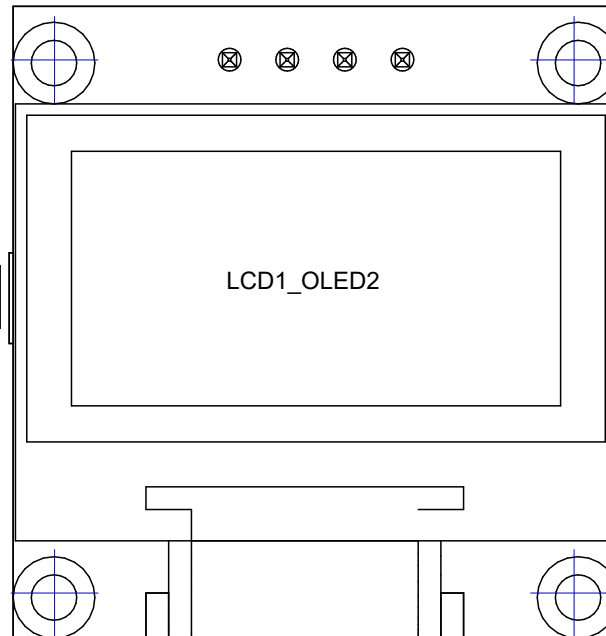
IOH

IOL

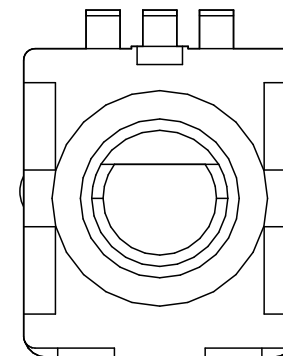
X2



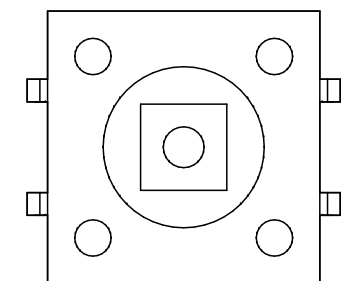
LCD1\_OLED1



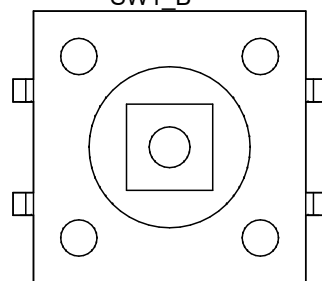
LCD1\_OLED2



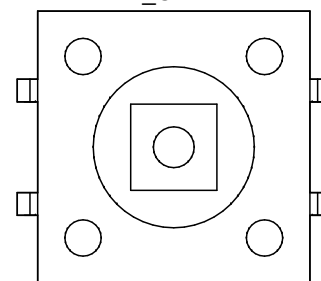
U1



SW1\_A



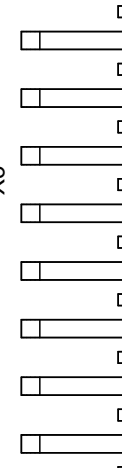
SW1\_B



SW1\_C

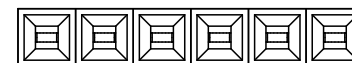
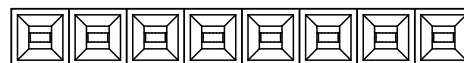
R29  
R41  
R30  
R42  
R31  
R43  
R32  
R44

X3



R34  
R33

POWER



AD

53.00mm

27.86mm

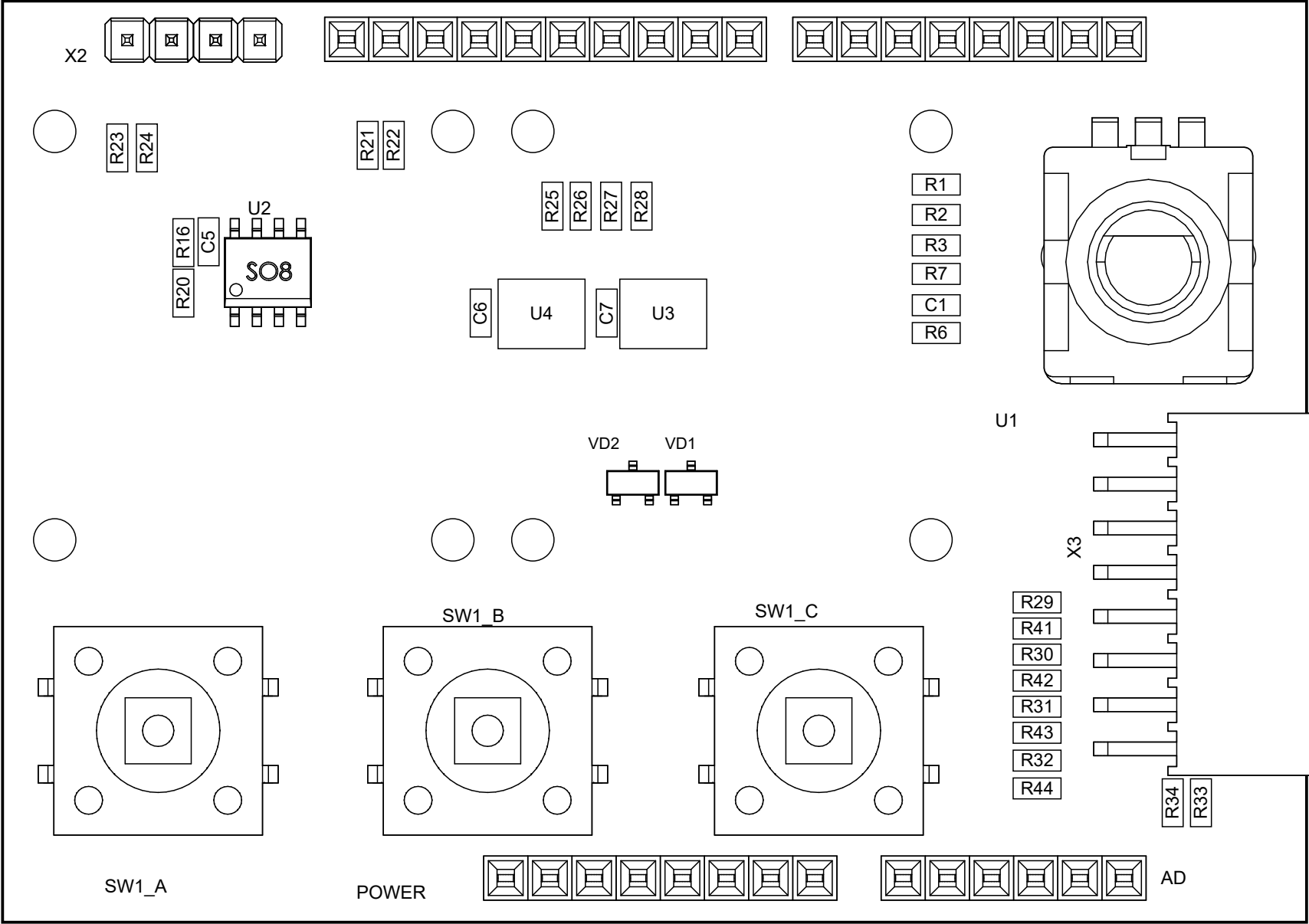
26.70mm

23.72mm

20.83mm

75.00mm

View from Top side (Scale 3)



# Bill Of Materials

Line #	Designator	Comment	Quantity
1	AD	AD	1
2	C1, C4_A, C4_B, C4_C, C5, C6, C7, C8	100nF	8
3	C2, C3	10nF	2
4	IOH	IOH	1
5	IOL	IOL	1
6	LCD1_OLED1, LCD1_OLED2	128x64_OLED_LCD	2
7	POWER	POWER_UNO	1
8	R1, R2, R3, R10_A, R10_B, R10_C, R23, R24, R41, R42, R43, R44	10k	12
9	R4, R5, R6, R7, R8, R9, R11_A, R11_B, R11_C, R12_A, R12_B, R12_C, R16, R20, R21, R22, R25, R26, R27, R28	100R	20
10	R29, R30, R31, R32	10k 1%	4
11	R33, R34, R37, R38	0R	4
12	SW1_A, SW1_B, SW1_C	95C12C3T	3
13	U1	ACZ11BR1E-15FD1-12C	1
14	U2	24LC256-I/SN	1
15	U3, U4	TC4424AVOA713	2
16	VD1, VD2	BAT64	2
17	X2	M20-9990445	1
18	X3	SSW-108-02-G-D-RA	1

View from Front side (Scale 2)

