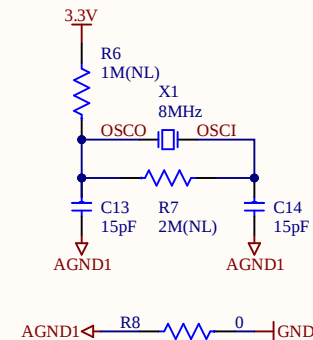


*HSPWM1H
*HSPWM1L

*AN12
*AN0
*ANA1



*HSPWM2L
*HSPWM2H
*A
*A

RB13 RB12 RB11 RB10 RD0 RD1 RD2 VDD VSS RD3 RD4 RC11 RC10 RC5 RC4 RB9/PGC1
RB14 RB15 RC12 RC13 RC14 RC15 MCLR RD15 VSS VDD Mikro2_nCS Buzzer MCP9700A_Vo JS2_VRY JS1_VRY
RB4/PGC2 RB3/PGD2 RB2

RA3 RA4 AVDD AVSS Limit2_Home Limit1_Home Mikro1_AN Mikro2_AN VDD VSS VSS RB0/OSCI RB1/OSCO M2_STEP M1_DIR M1_STEP
*AN3 *AN4 *AN14 *AN17

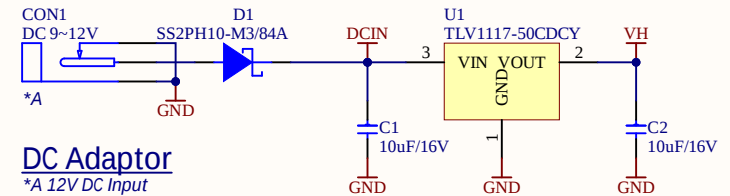
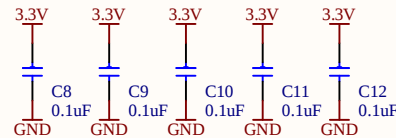
U3
dsPIC33CK256MP506-I/PT

48 MikroX_MISO
47 MikroX_SCK
46 Mikro1_nCS
45 Mikro1_RST
44 Mikro1_INT
43 Mikro1_RX
42 Mikro1_TX
41 3.3V
40 GND
39 MCU_TX
38 MCU_RX
37 GP_SCL
36 GP_SDA
35 PGC/SWCLK
34 PGD/SWO
33 JS1_BT

*ASCL1
*ASDA1
*PGC2
*PGD2
*INT0

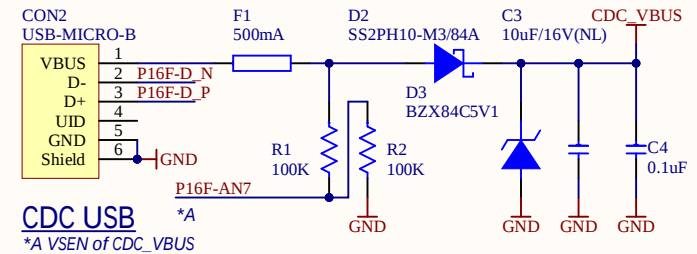
dsPIC33CK256MPxx6

*A Pre-assigned for on board OLED module



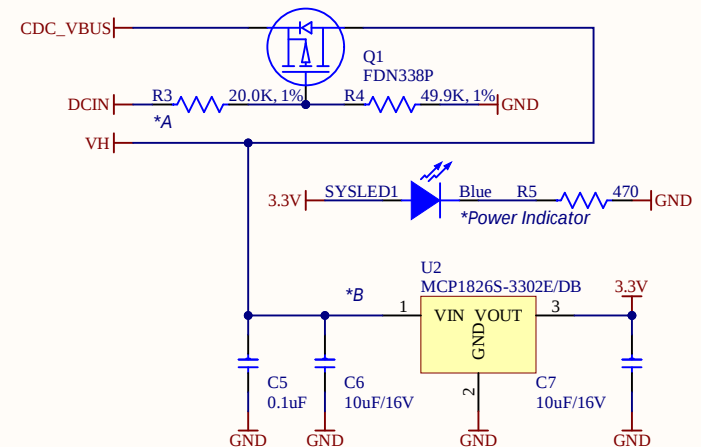
DC Adaptor

*A 12V DC Input



CDC USB

*A VSEN of CDC_VBUS



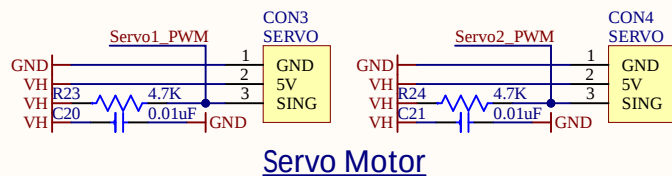
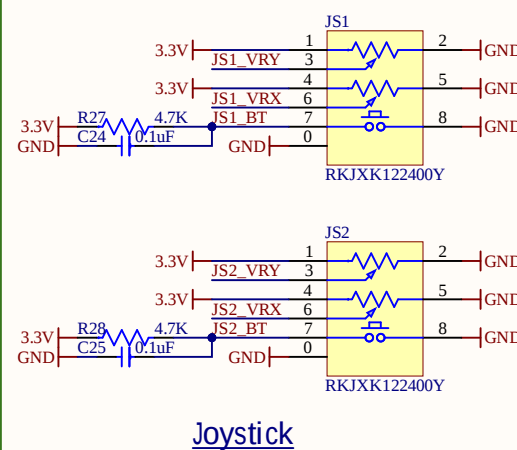
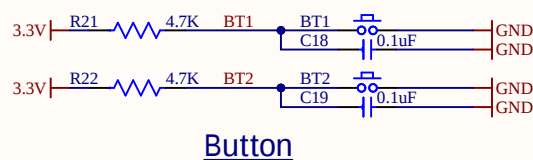
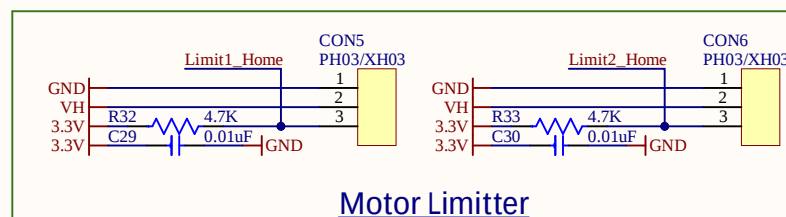
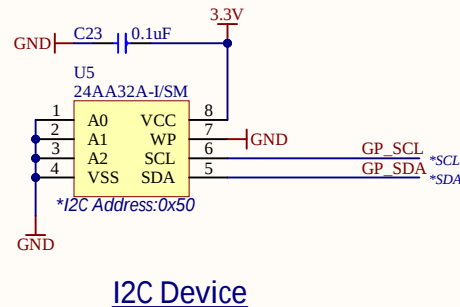
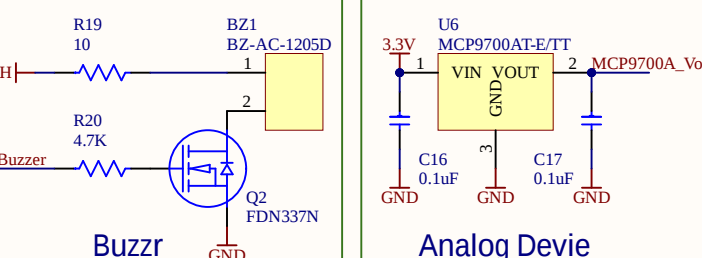
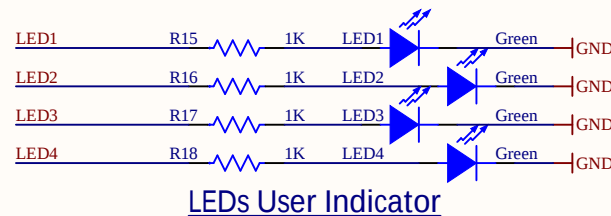
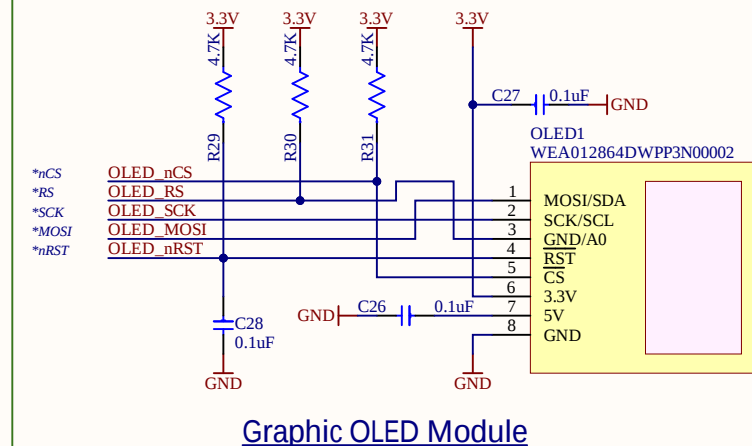
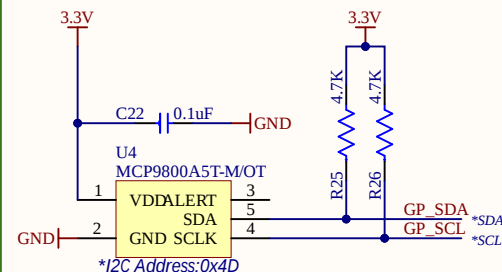
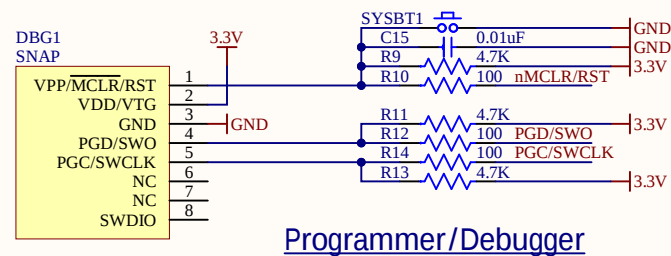
Power Path

*A "DCIN" Input priority, if "DCIN" present

*B Voltage of "VH" point is not 5V. The real value is depend on source.

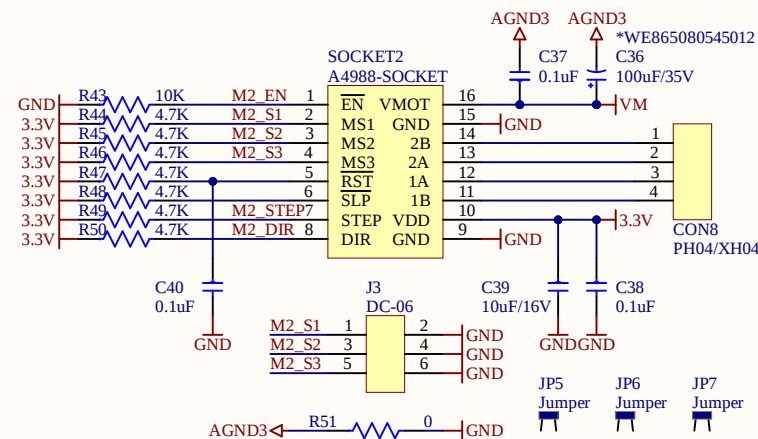
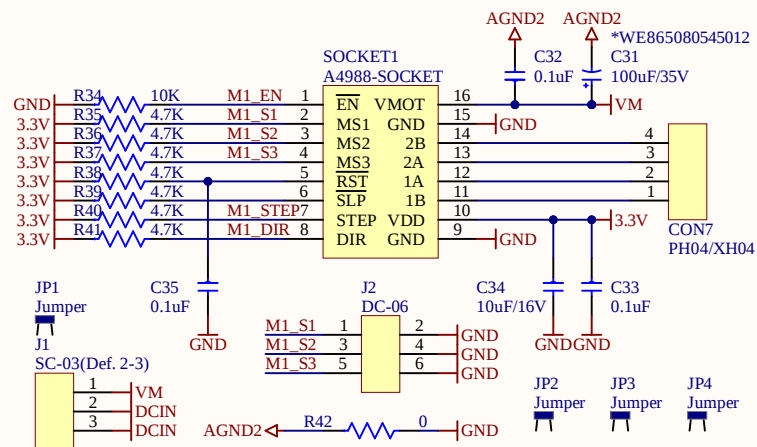
Training Material Available !

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APP053 Standard Tiny Workbench 1/3		
Size	Number	Revision
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Date:	7/12/2022	Sheet of
File:	D:\Design\...\APP053 v1.00 Official - 1	Drawn By: Adam Su

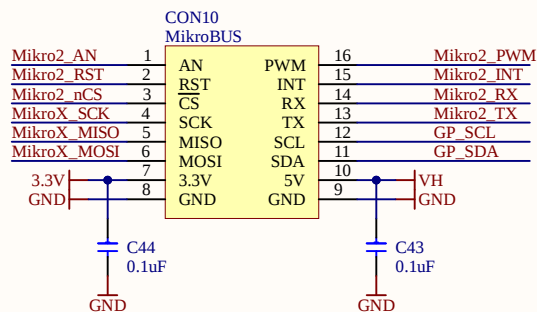
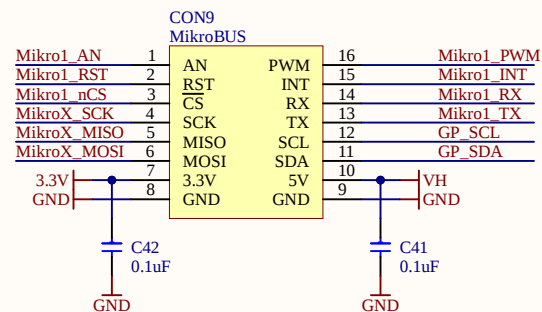


Training Material Available !

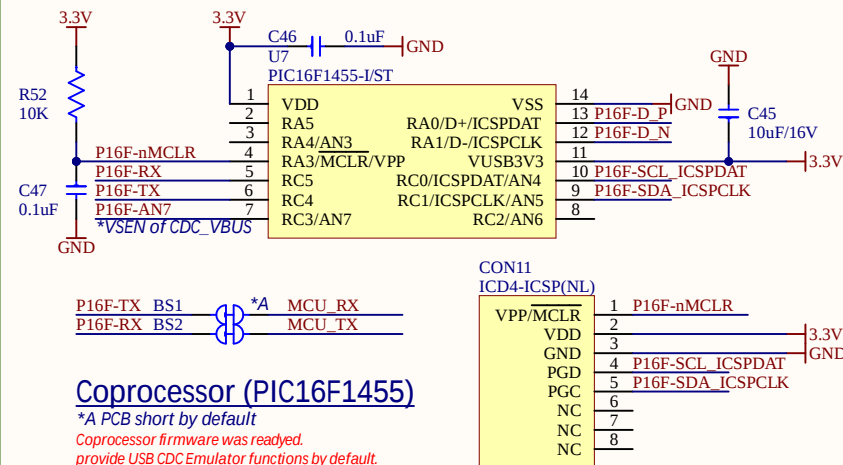
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Size	Number	Revision
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Date:	7/12/2022	Sheet of
File:	D:\Design\...\APP053 v1.00 Official - 2	Drawn By: Adam Syu



Stepper Motor Driver

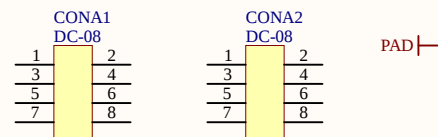


MikroBUS Sockets



Coprocessor (PIC16F1455)

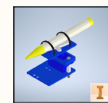
*A PCB short by default
Coprocessor firmware was readyed.
provide USB CDC Emulator functions by default.



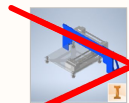
Conector



*APP053-TMP-BASE-ORG



*APP053-TMP-HEADER-ORG



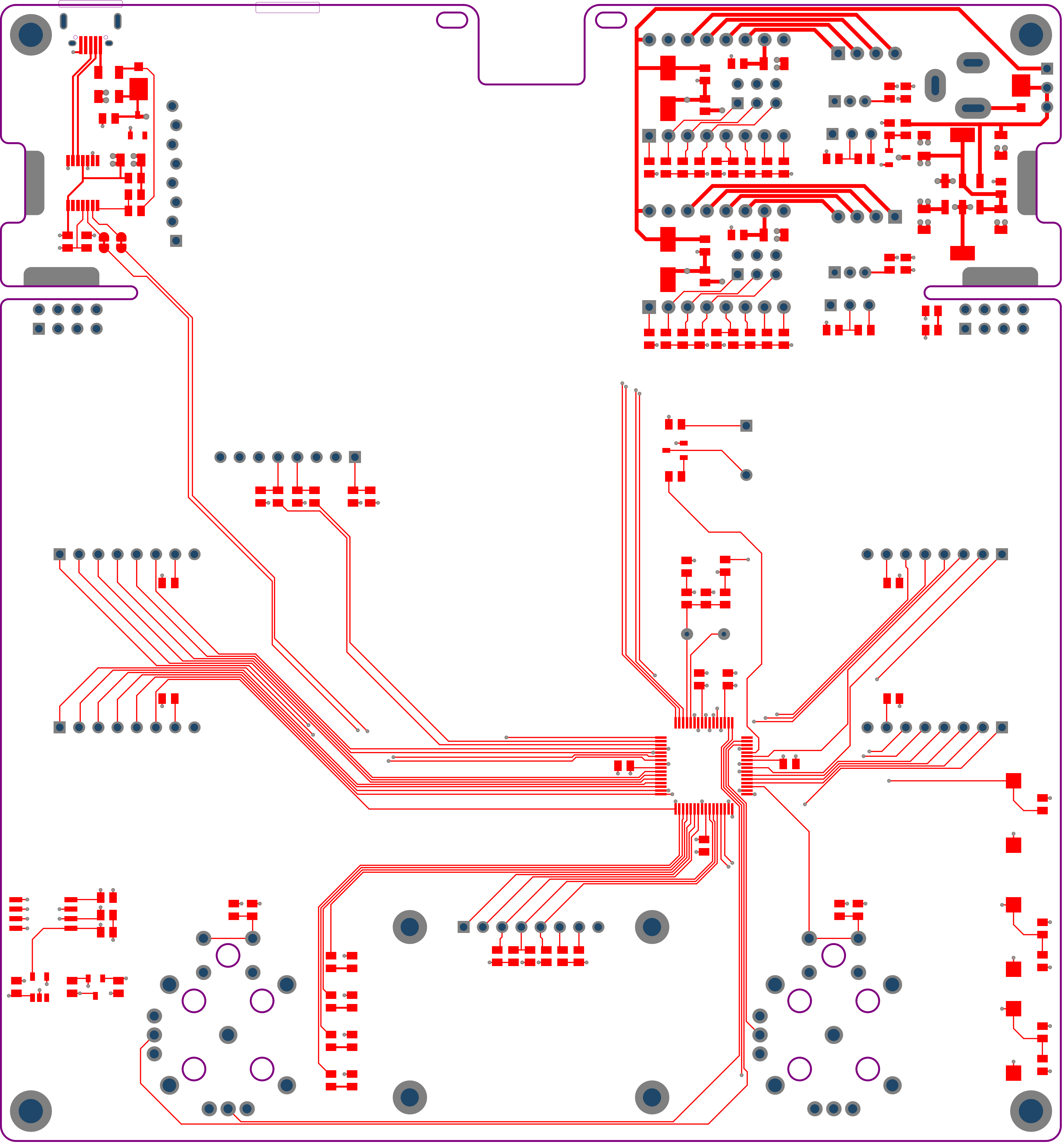
*APP053-TMP-BASE-MODEL 3

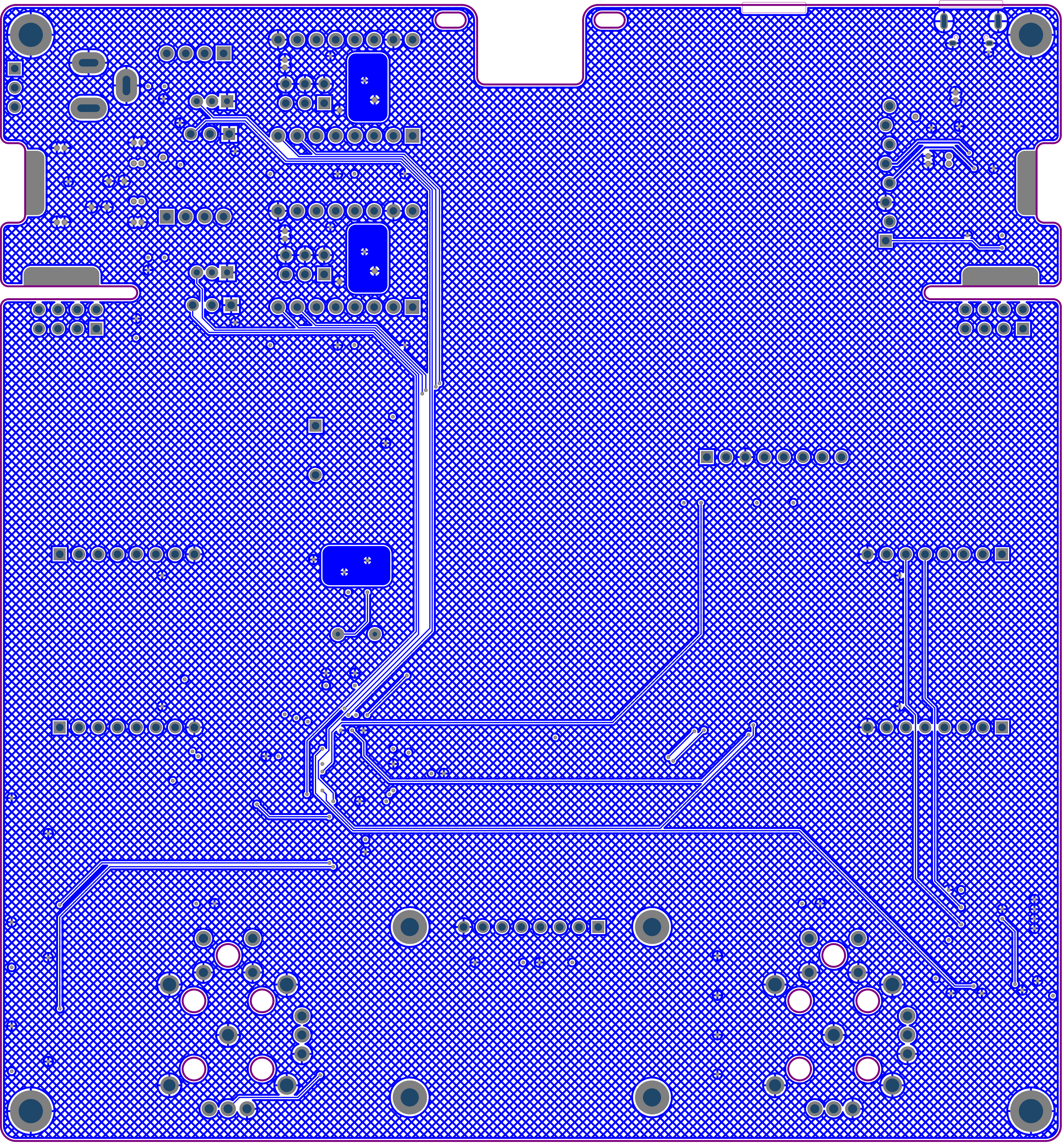


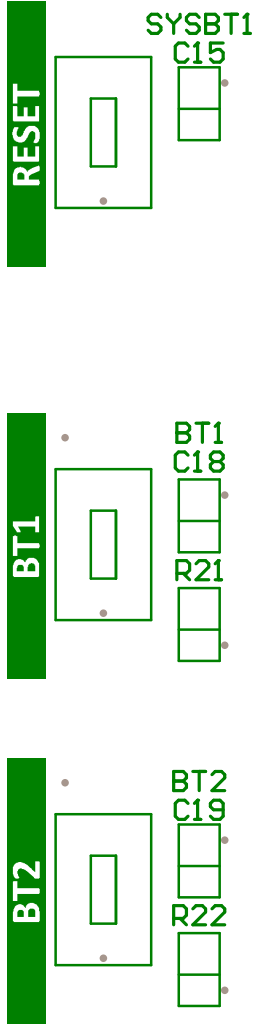
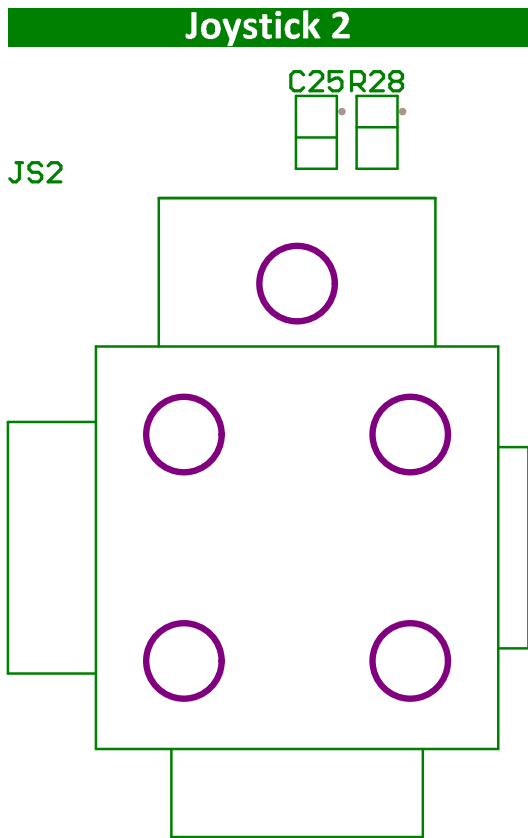
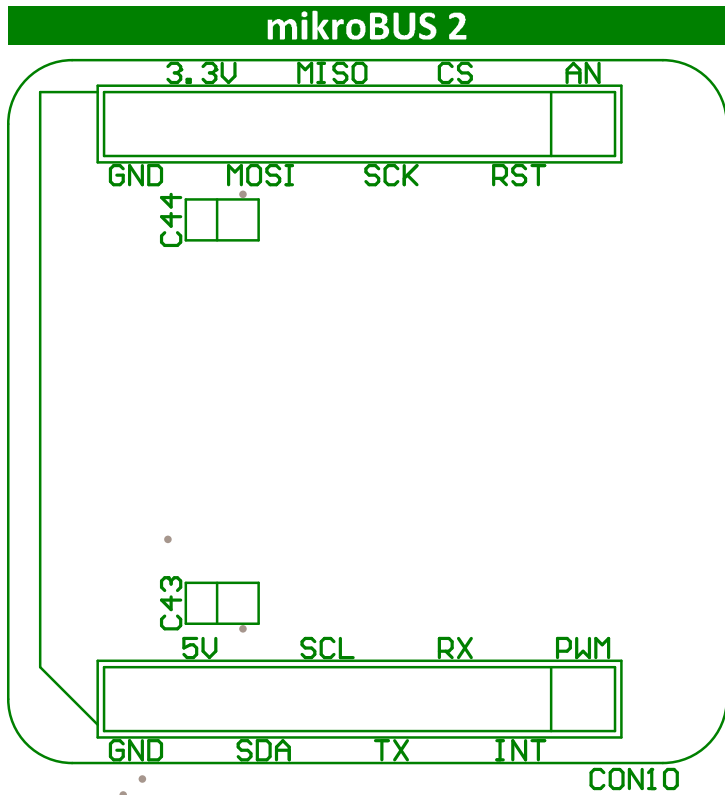
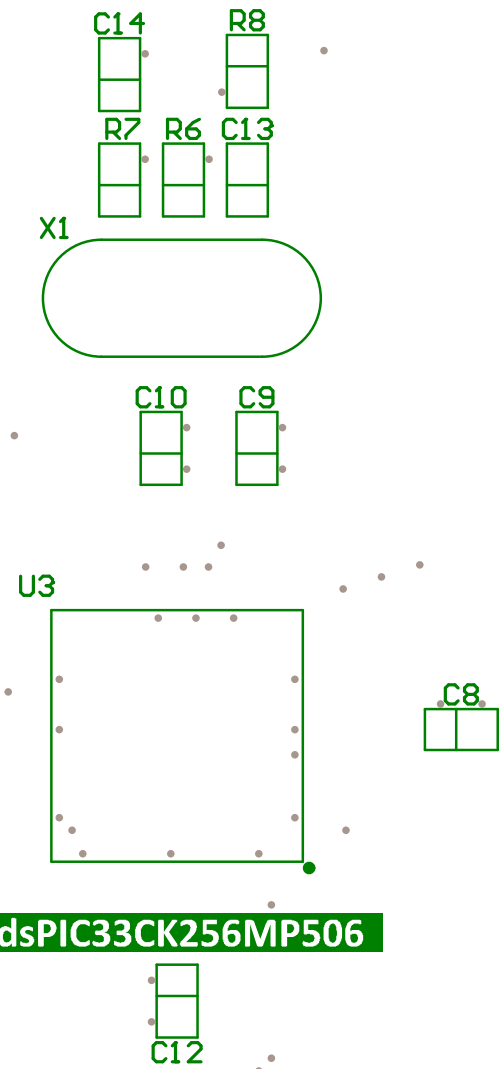
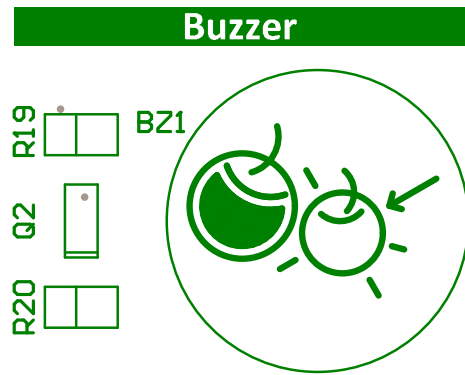
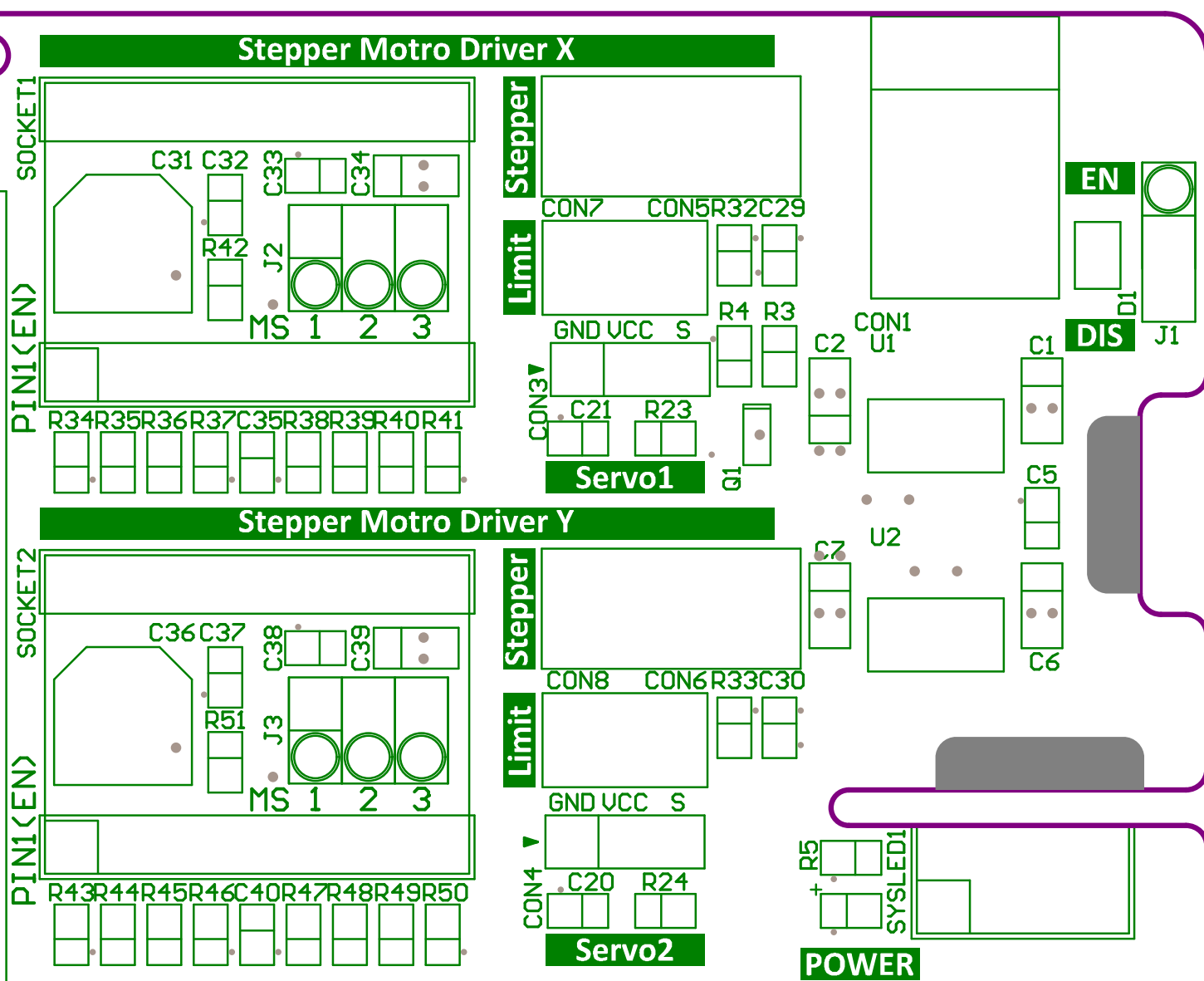
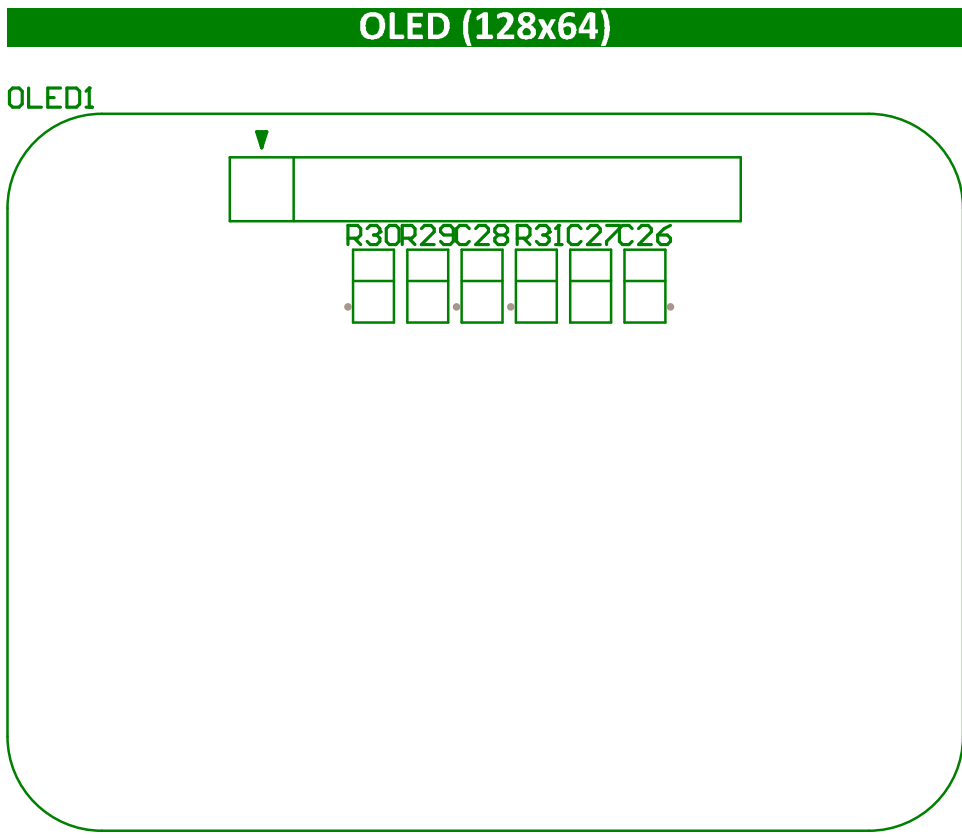
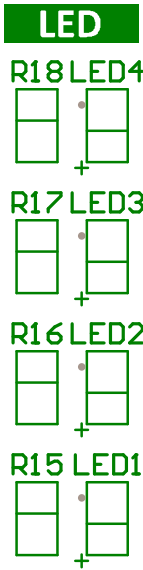
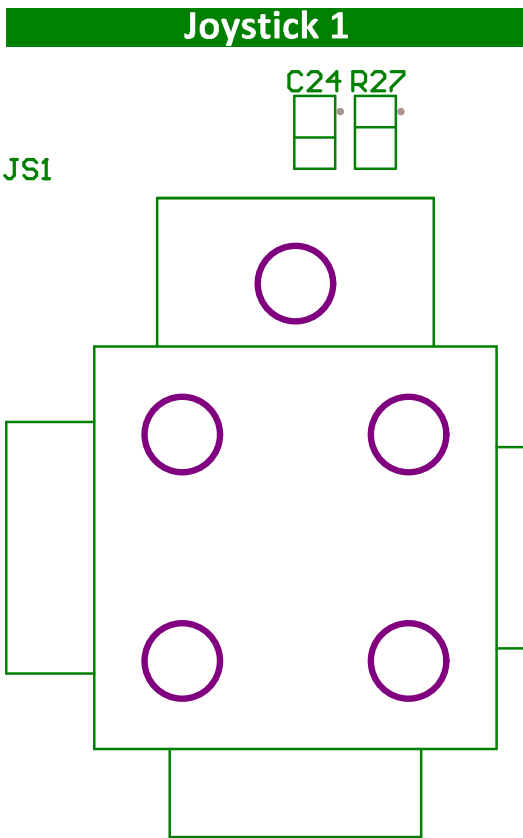
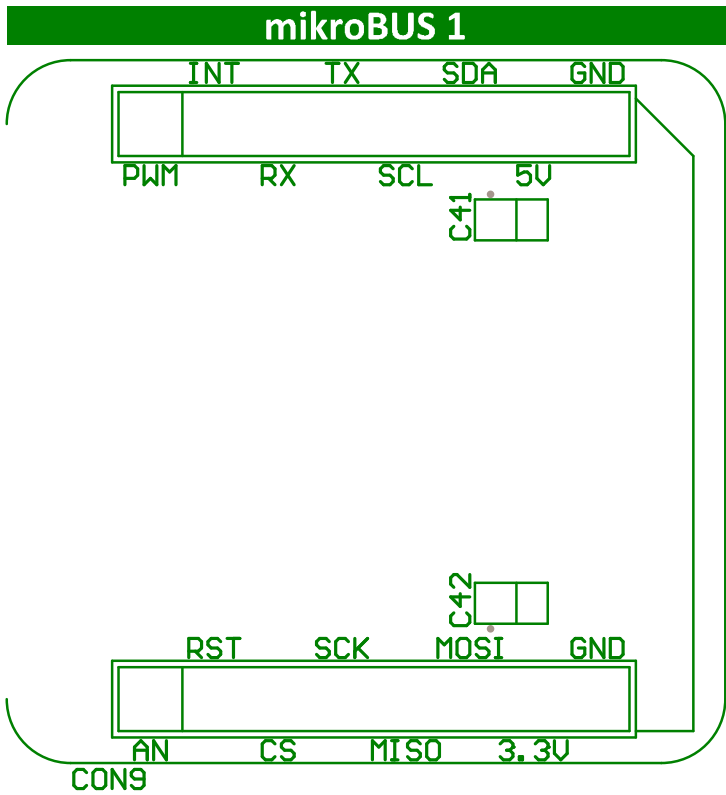
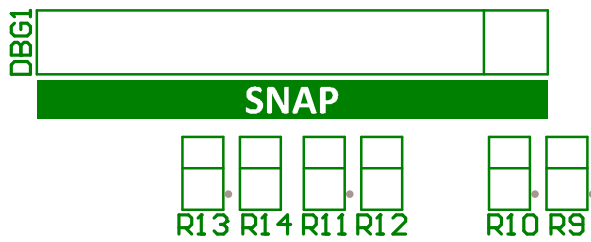
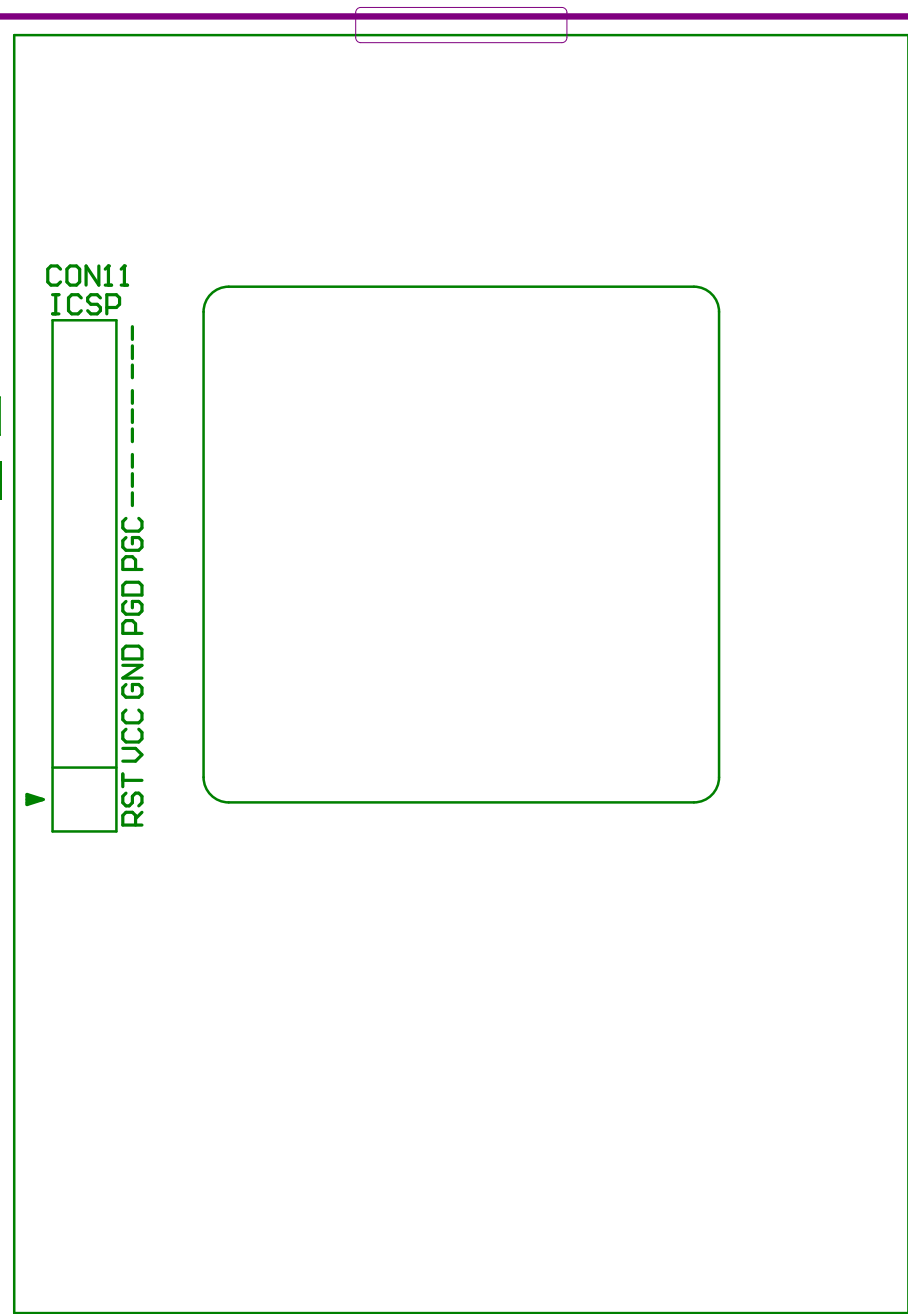
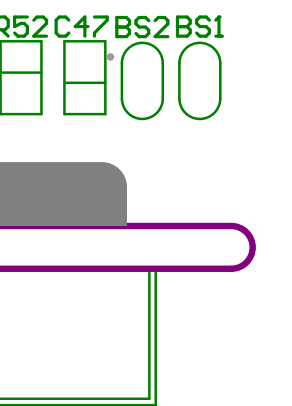
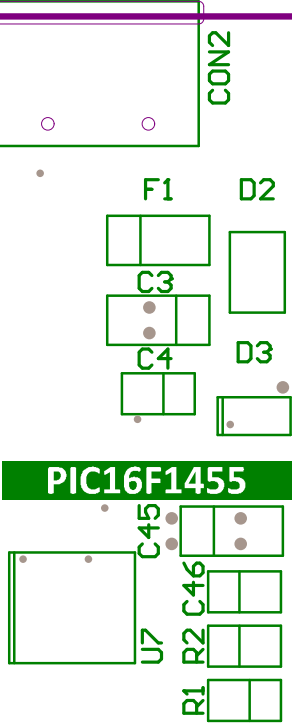
*APP053-TMP-HEADER-MODEL 3

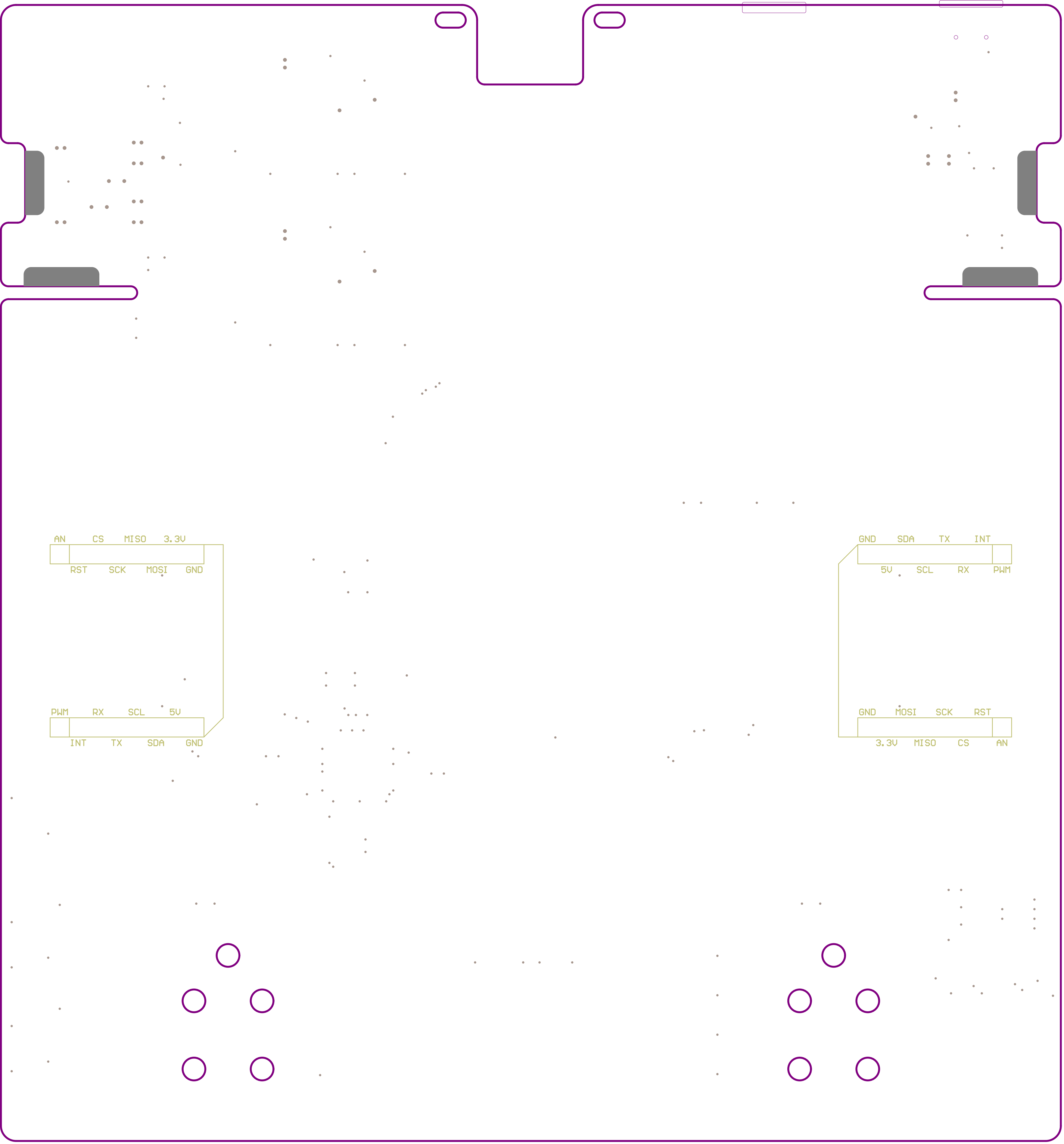
Training Material Available !

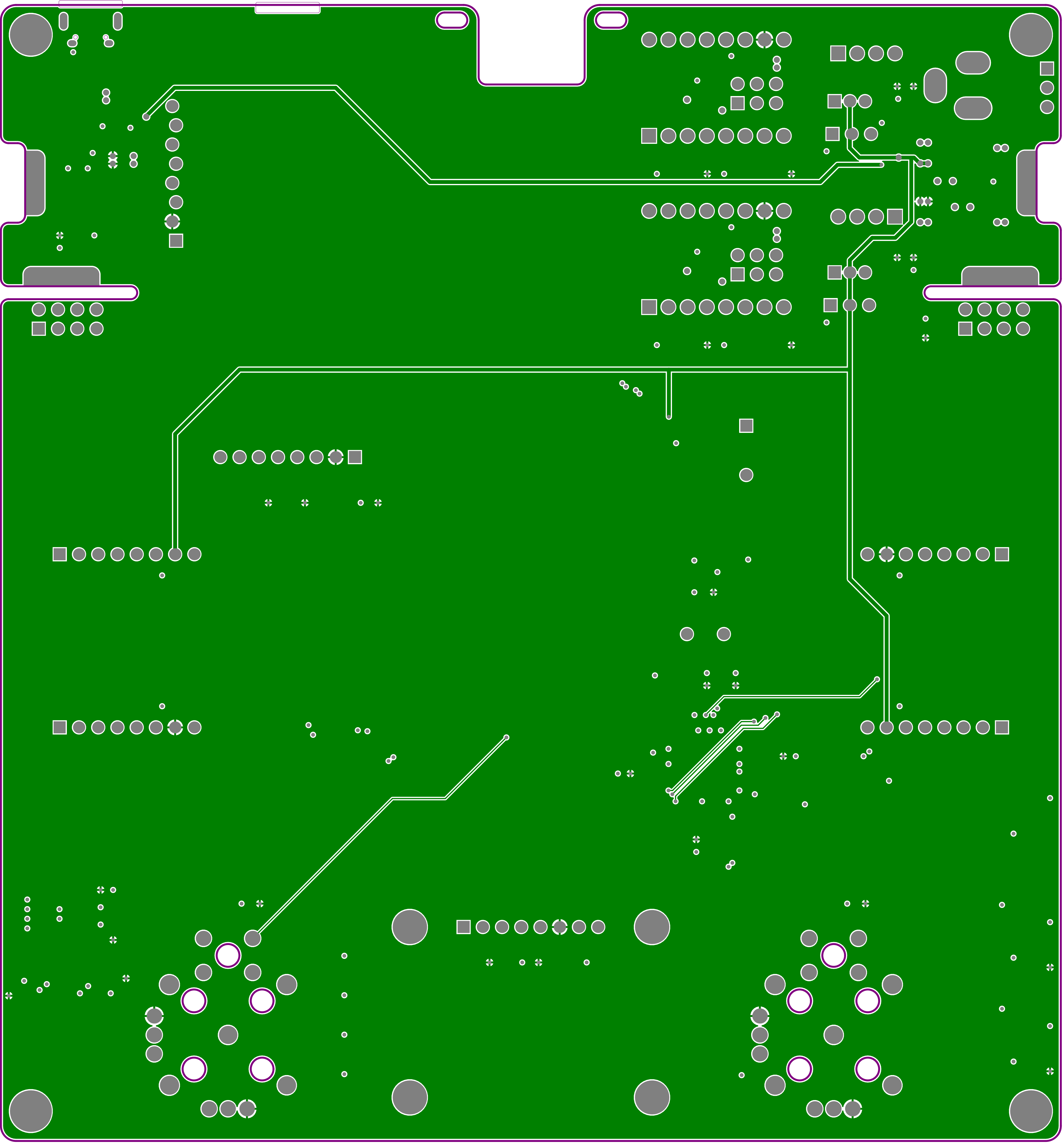
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File:	D:\[Design]\...APP053 v1.00 Official - 3	Sheet By: Adam Syu

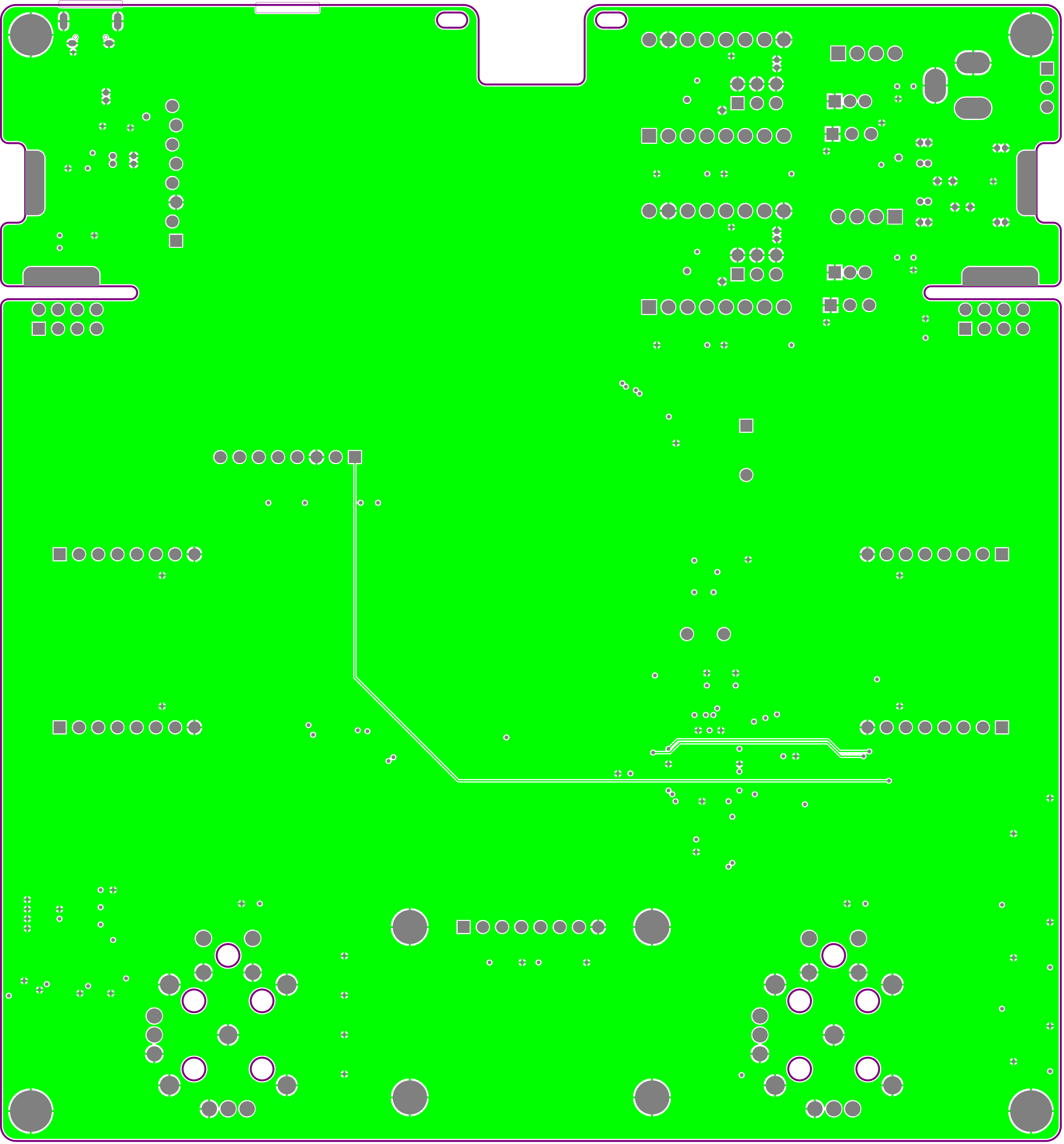












Standard] of Project [APP053 v1.00 Official.PrjPC

Creation Date:	<u>2022/7/12</u>	<u>下午 04:48</u>
Print Date:	<u>44754</u>	<u>44754.70075</u>

Approved	Notes

