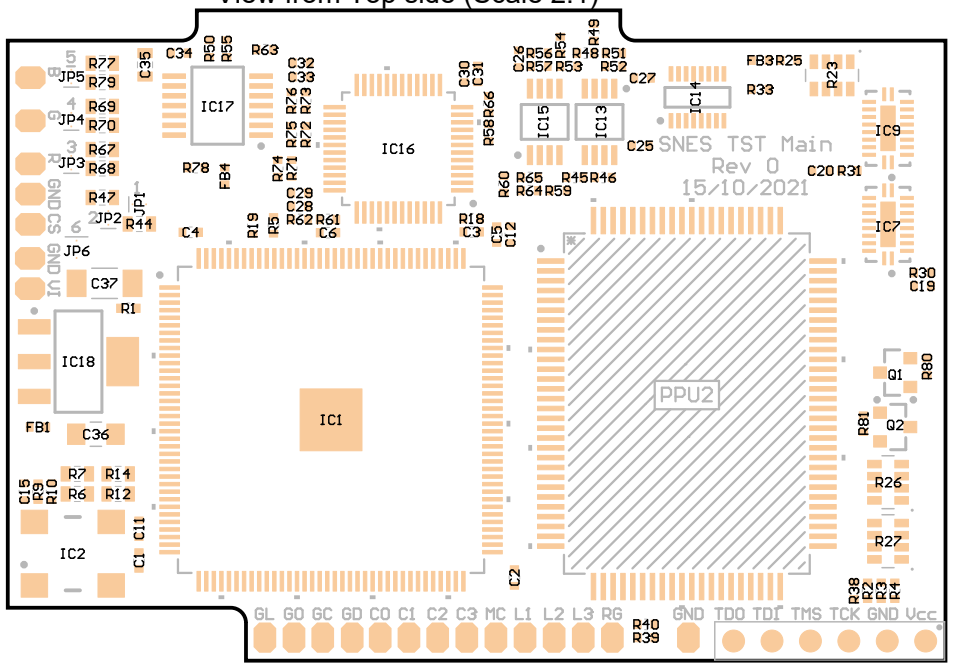
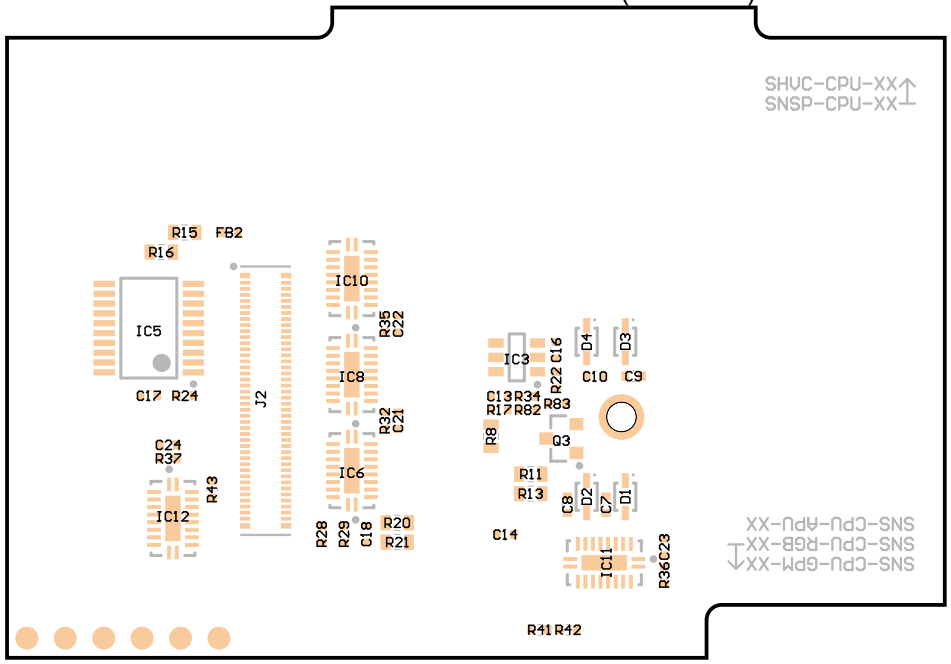
View from Top side (Scale 2:1)



View from Bottom side (Scale 2:1)



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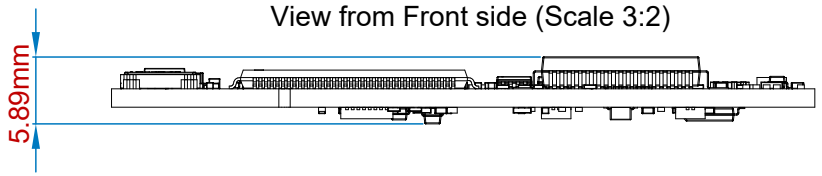
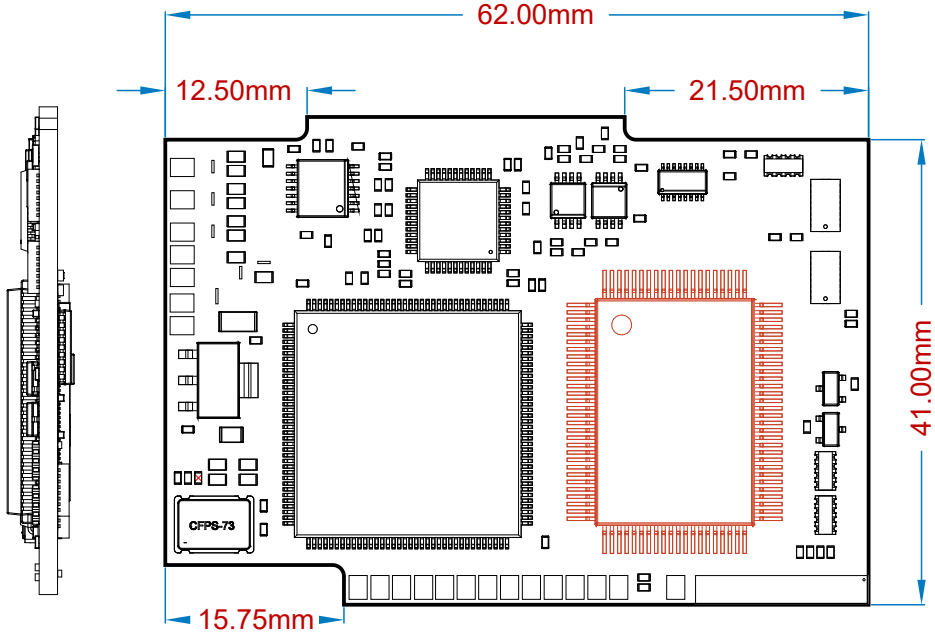
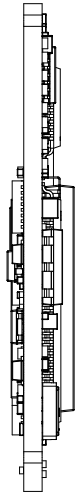


View from Front side (Scale 3:2)

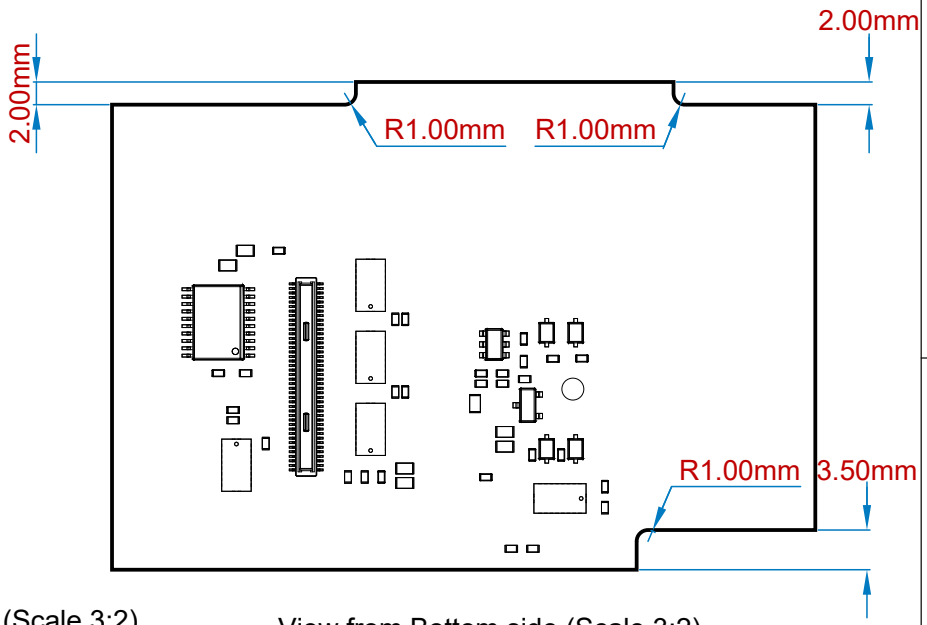


View from Right side (Scale 3:2)

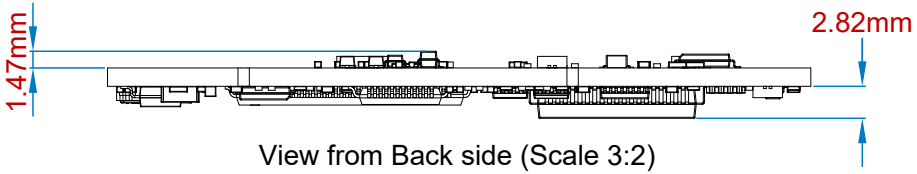
View from Top side (Scale 3:2)



View from Left side (Scale 3:2)



View from Bottom side (Scale 3:2)



View from Back side (Scale 3:2)

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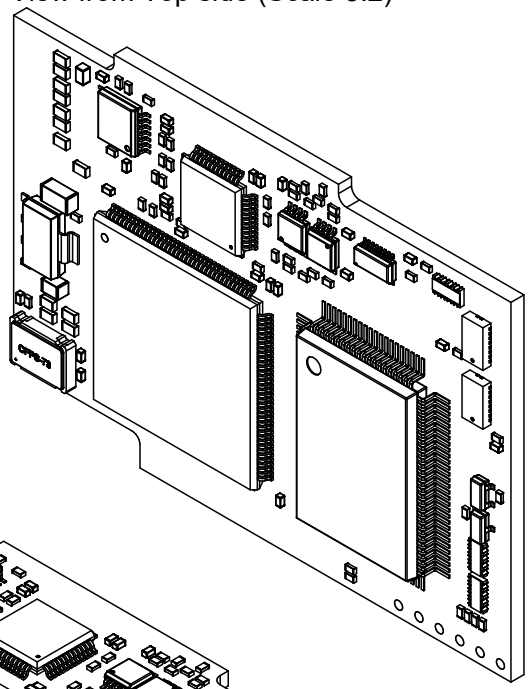
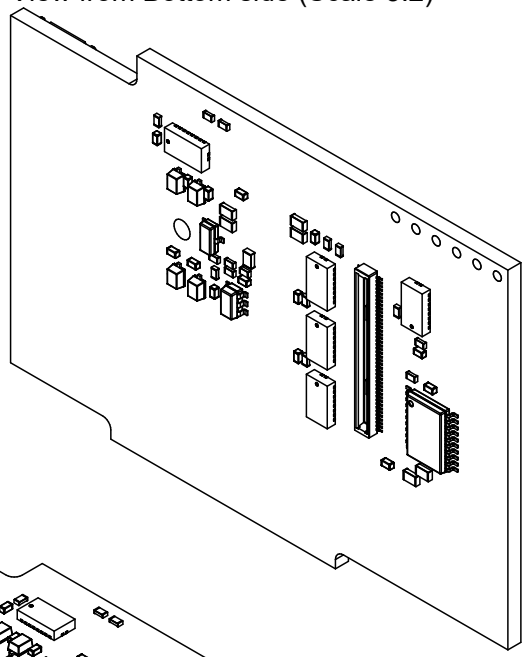
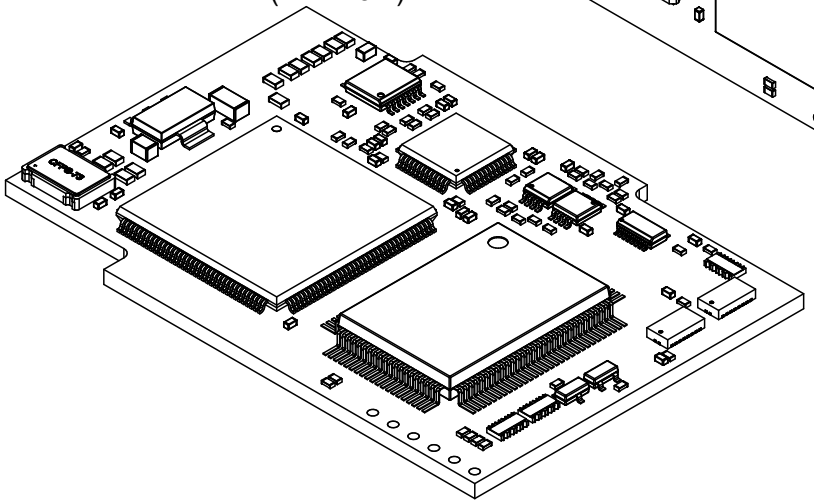
View from Top side (Scale 3:2)



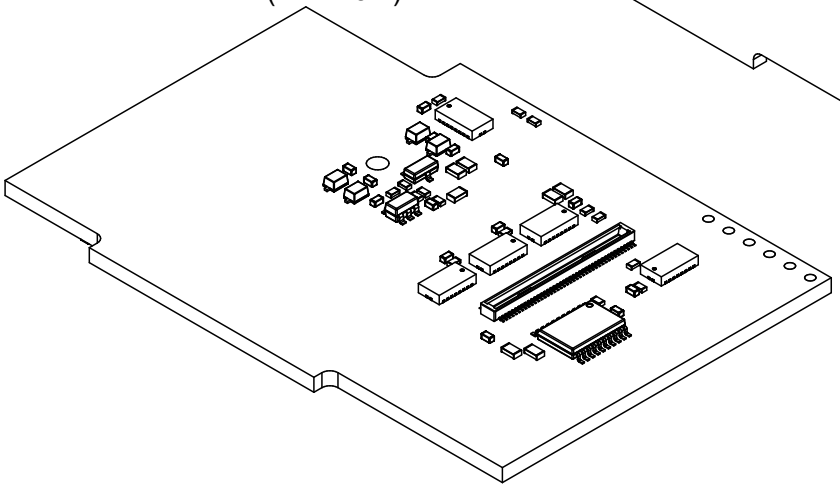
View from Bottom side (Scale 3:2)



View from Front side (Scale 3:2)



View from Back side (Scale 3:2)



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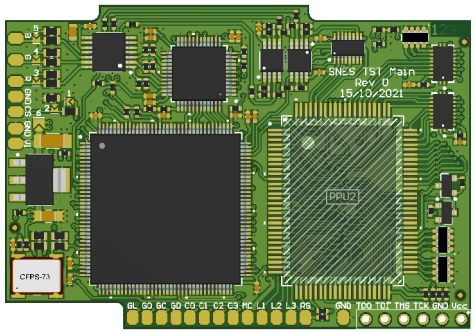
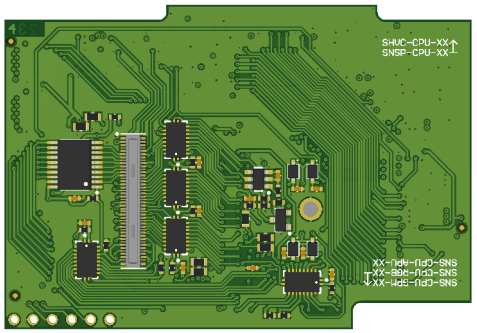
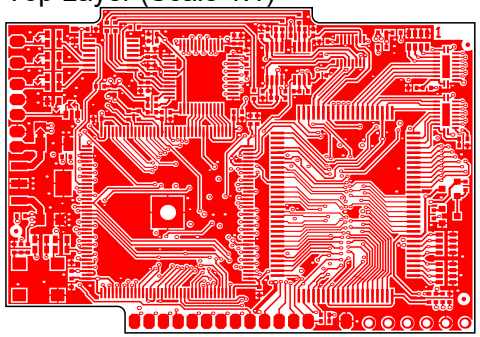
Realistic View



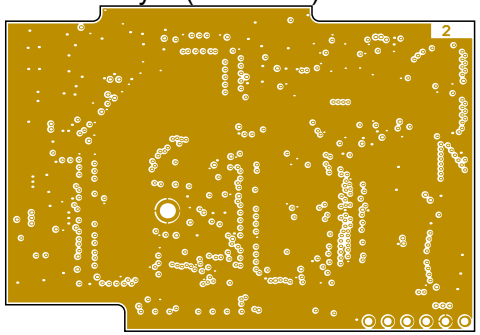
Realistic View



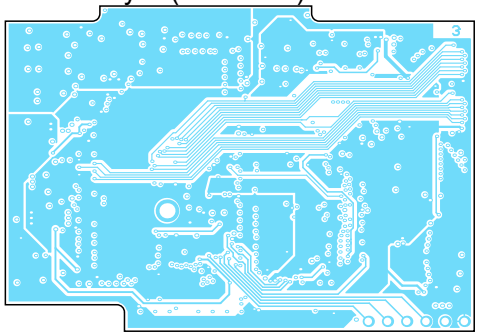
Top Layer (Scale 1:1)



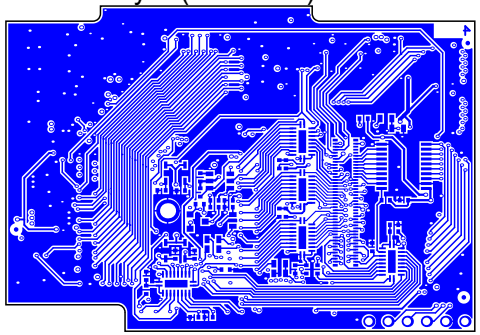
Ground Layer (Scale 1:1)



Power Layer (Scale 1:1)



Bottom Layer (Scale 1:1)



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Bill Of Materials SNES TST

Pos #	Quantity	Designator	Value	Tolerance	Nominal Voltage	Dielectric	Footprint	Vendor	Part Number
1	27	C1, C2, C3, C4, C5, C6, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C32	100nF	+-20%	10V	X7R	Cap_0402_Chip		
2	4	C7, C8, C9, C10	10pF	+-20%	10V	X7R	Cap_0402_Chip		
3	3	C31, C33, C34	10nF	+-20%	10V	X7R	Cap_0402_Chip		
4	1	C35	1uF	+-20%	10V	X7R	Cap_0603_Chip		
5	1	C36	10uF	+-20%	10V	X7R	Cap_0805_Chip		
6	1	C37	10uF	+-20%	25V	X7R	Cap_1206_Chip		
7	4	D1, D2, D3, D4	Schottky Diode				SOD323	Diodes	BAT54WS-7-F
8	4	FB1, FB2, FB3, FB4	1800Ohm 200mA				Ind_0402_Chip	TDK	MMZ1005S182ET000
9	1	IC1	10M04SAE144C8G				EQFP-144_A:1P65_	Intel	10M08SAE144C8G
10	1	IC2	17.734475 MHz				Quarz 7.5mm	IQD Frequency	LFSPXO020648Bulk
11	1	IC3	TMUX1219				SOT23-6	Texas Instruments	TMUX1219DBVR
12	1	IC5	SN74HCT541				TSSOP20 Narrow	Texas Instruments	SN74HCT541PW
13	7	IC6, IC7, IC8, IC9, IC10, IC11, IC12	LSF0108				VQFN20	Texas Instruments	LSF0108RKS
14	2	IC13, IC15	OPA2356				MSOP8	Analog Devices	OPA2356AIDGK
15	1	IC14	TMUX1574				SOT-23THIN16	Texas Instruments	TMUX1574DYYR
16	1	IC16	ADV7123				ST_48_ADI	Analog Devices Inc	ADV7123KSTZ50
17	1	IC17	THS7374				TSSOP14	Texas Instruments	THS7374IPW
18	1	IC18	MCP1703T				SOT223-3	Microchip	MCP1703T-3302E/DB
19	1	J2	80Pole Connector				DF40C-80DP	Hirose Connector	DF40C-80DP-0.4V(51)
20	1	Q1	IRLML6402				SOT23_FET	Diodes	IRLML6402
21	1	Q2	MMBT3904				SOT23_Transistor	Diodes	MMBT3904
22	1	Q3	BSS138				SOT23_FET	Infenion	BSS138
23	6	R1, R4, R28, R50, R55, R63	1k	+-1%			Res_0402_Chip		
24	12	R2, R3, R5, R17, R18, R19, R41, R42, R43, R58, R66, R78	10k	+-1%			Res_0402_Chip		
25	5	R6, R7, R12, R14, R44	470R	+-1%			Res_0603_Chip		
26	4	R8, R11, R13, R21	300R	+-1%			Res_0603_Chip		
27	4	R9, R49, R54, R60	0R				Res_0402_Chip		
28	2	R15, R20	33R	+-1%			Res_0603_Chip		
29	1	R16	100R	+-1%			Res_0603_Chip		
30	8	R22, R24, R25, R33, R34, R38, R39, R40	1.8k	+-1%			Res_0402_Chip		
31	3	R23, R26, R27	10k	+-1%			1206_Array_Chip		
32	7	R29, R30, R31, R32, R35, R36, R37	200k	+-1%			Res_0402_Chip		
33	1	R45	1.24k	+-1%			Res_0402_Chip		
34	4	R46, R52, R57, R65	619R	+-1%			Res_0402_Chip		
35	1	R47	91R	+-1%			Res_0603_Chip		
36	4	R48, R53, R59, R81	100k	+-1%			Res_0402_Chip		
37	3	R51, R56, R64	237R	+-1%			Res_0402_Chip		
38	1	R61	470R	+-1%			Res_0402_Chip		
39	1	R62	11R	+-1%			Res_0402_Chip		
40	6	R67, R68, R69, R70, R77, R79	75R	+-1%			Res_0603_Chip		
41	6	R71, R72, R73, R74, R75, R76	75R	+-1%			Res_0402_Chip		
42	3	R80, R82, R83	3.3k	+-1%			Res_0402_Chip		

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