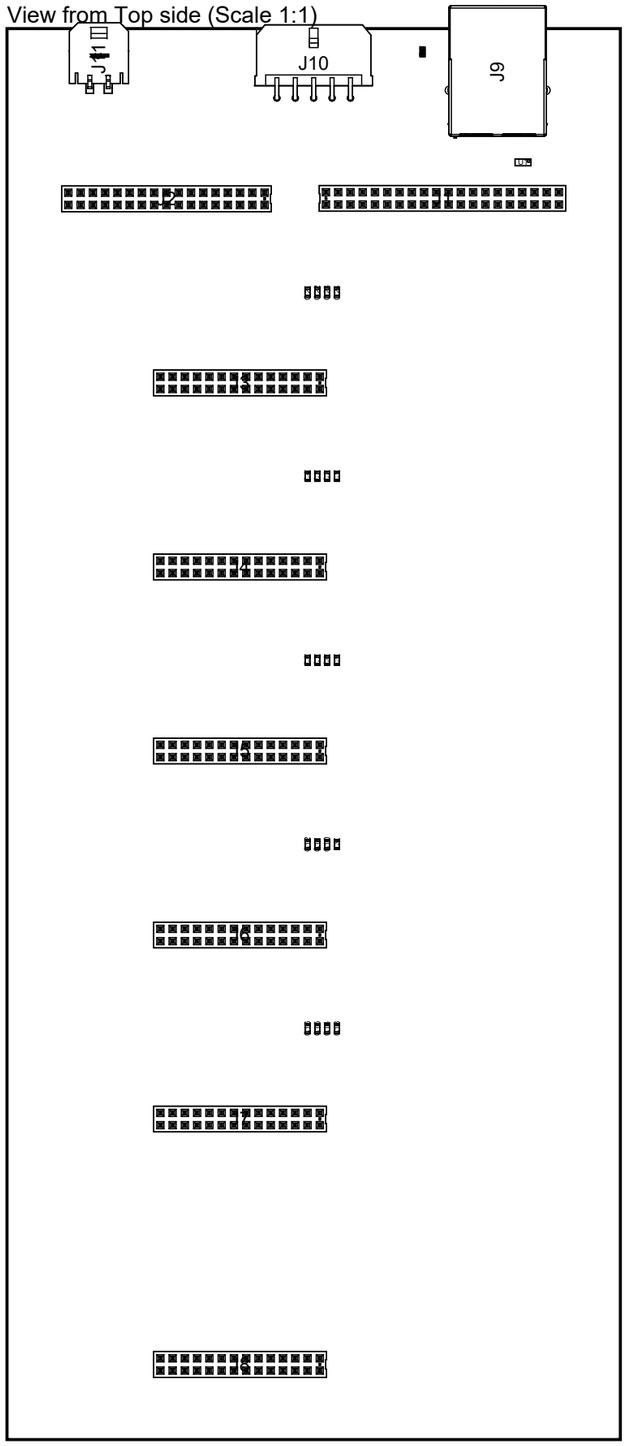
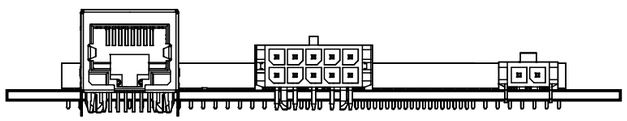
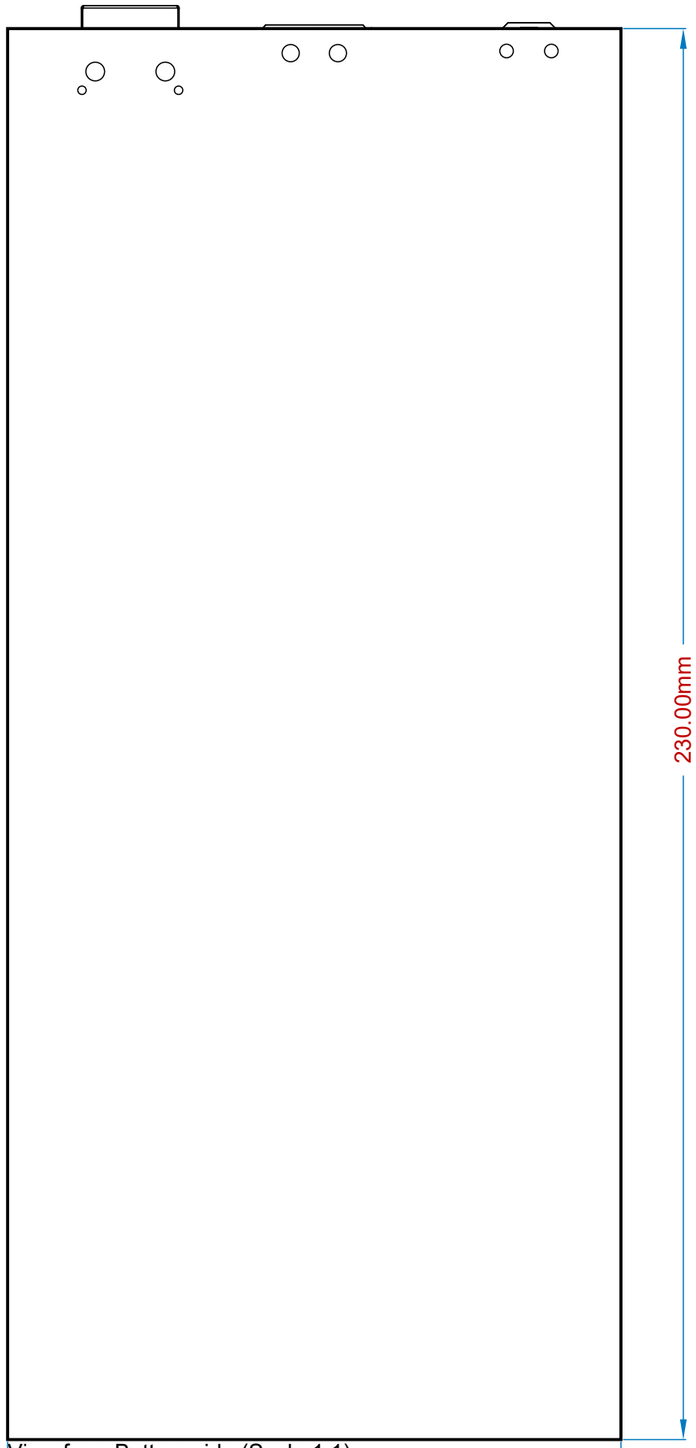
View from Top side (Scale 1:1)



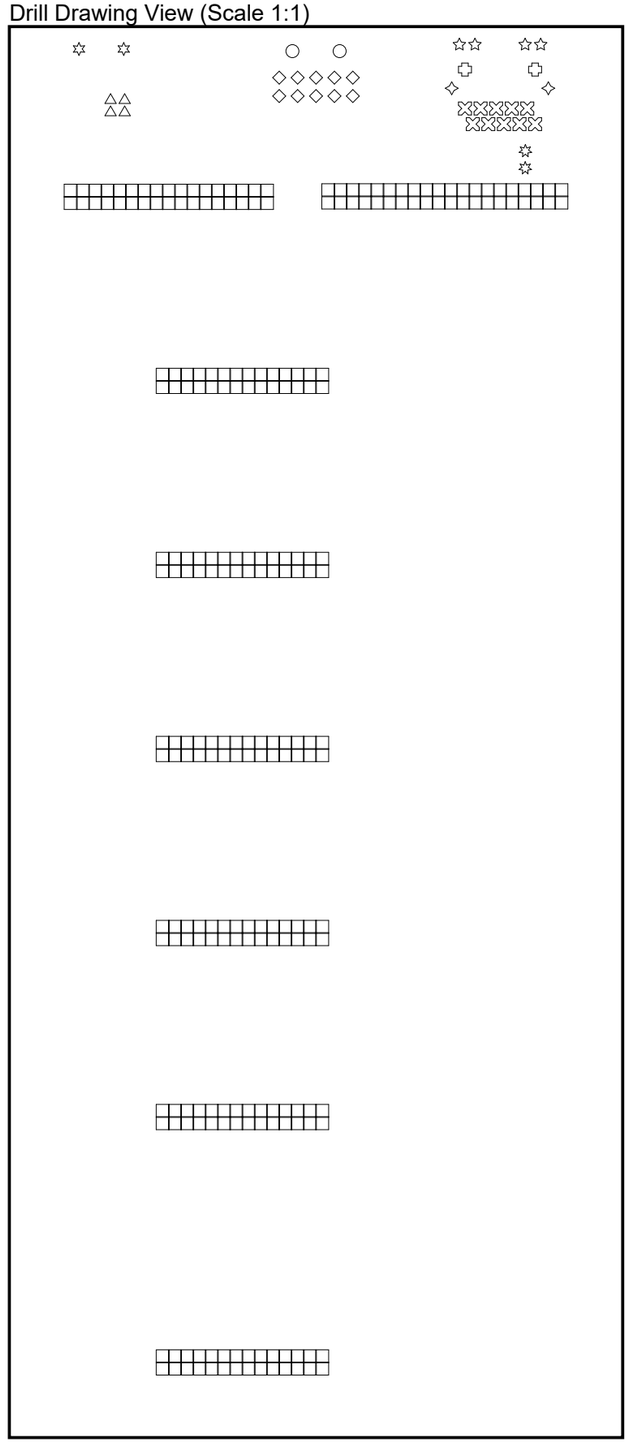
View from Back side (Scale 1:1)



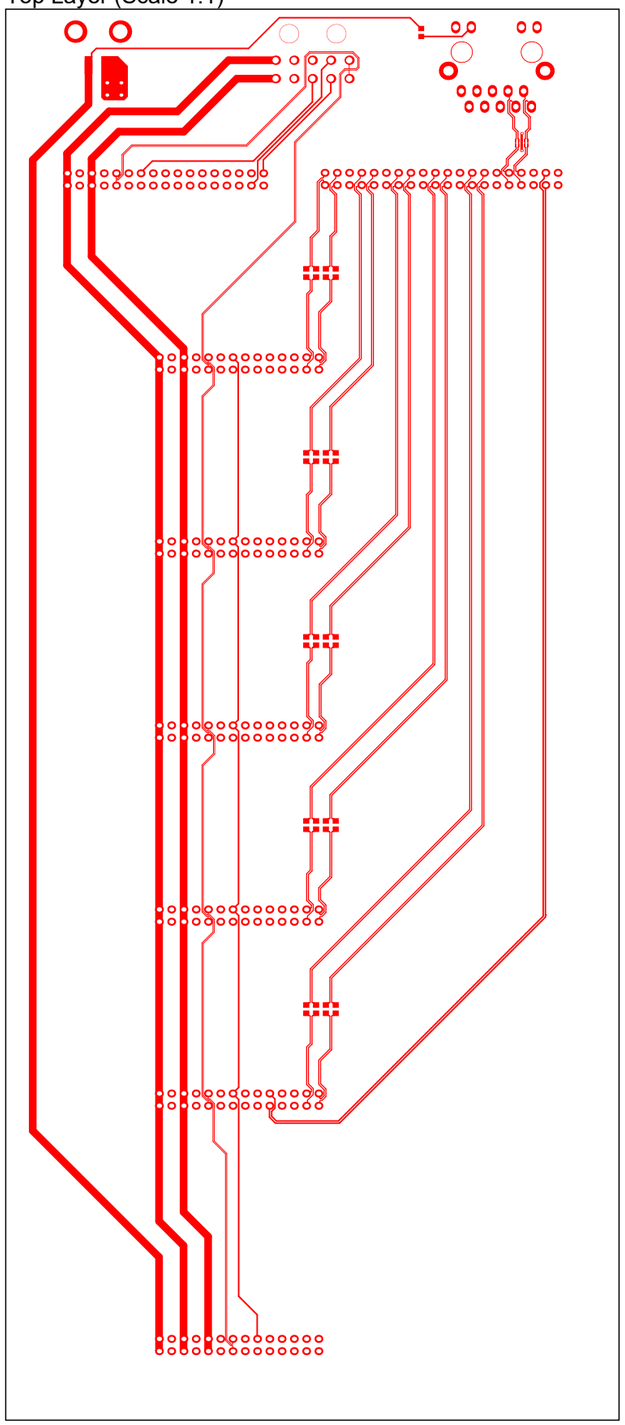


View from Bottom side (Scale 1:1)

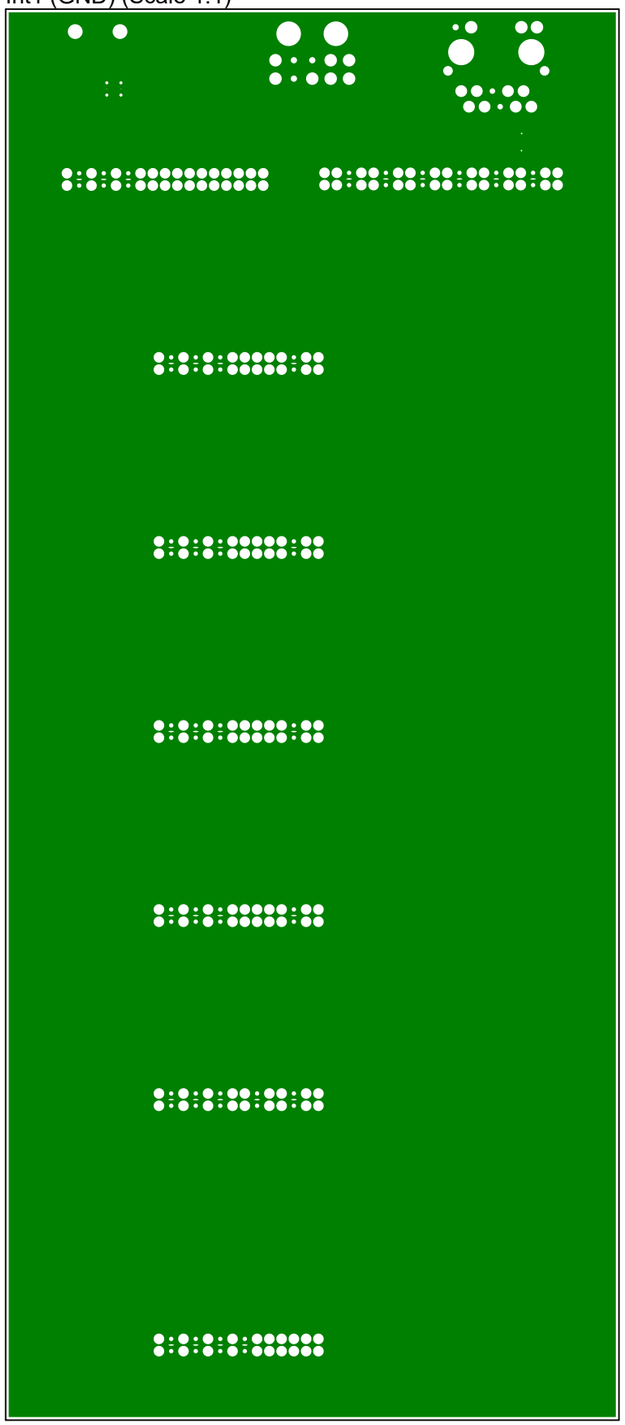
Drill Drawing View (Scale 1:1)



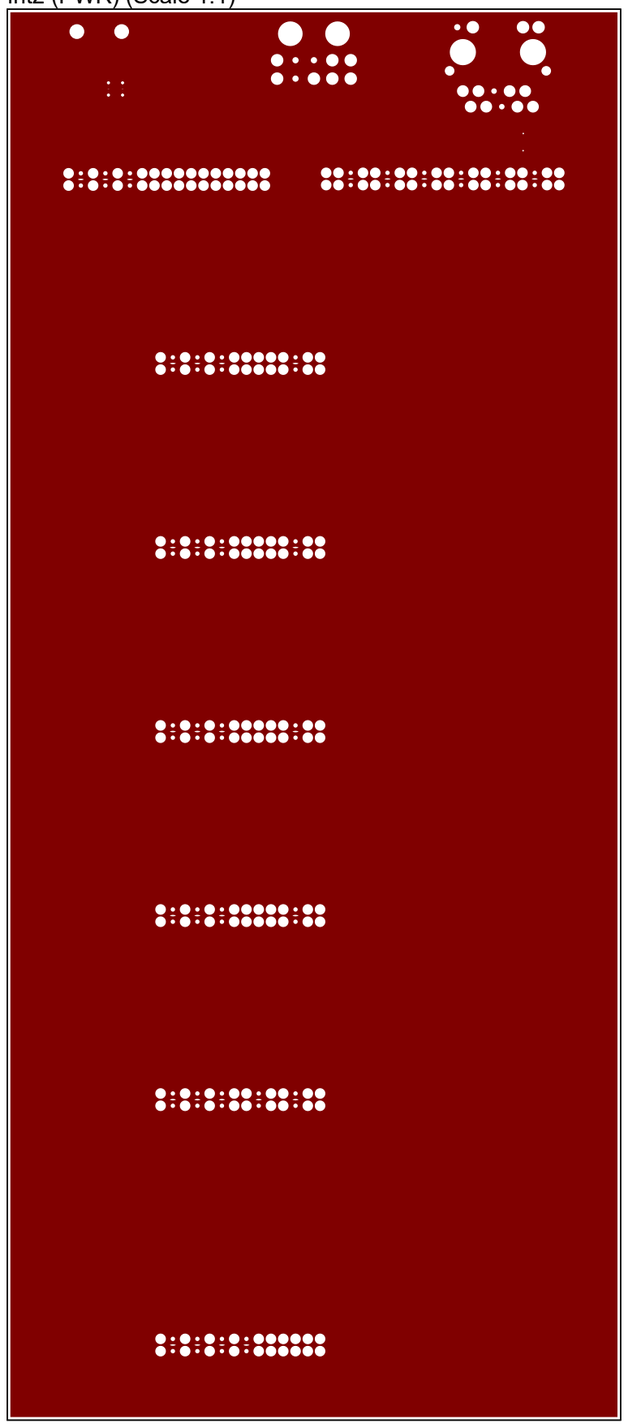
Top Layer (Scale 1:1)



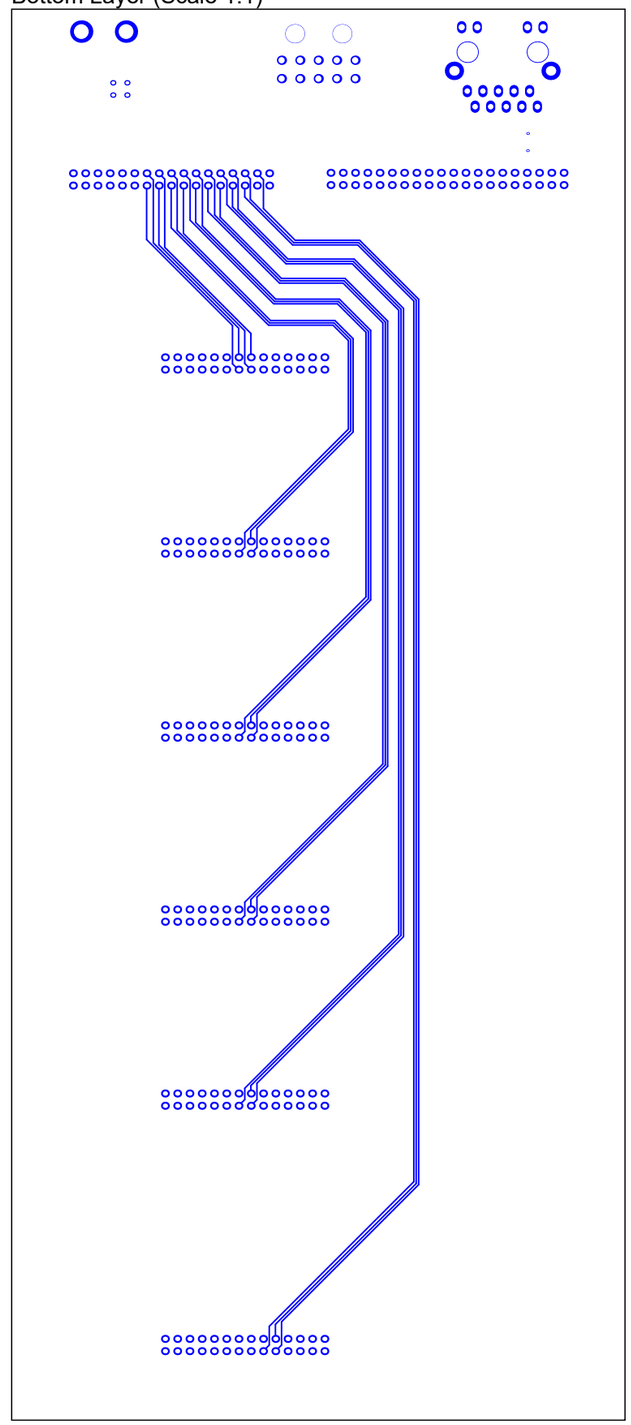
Int1 (GND) (Scale 1:1)



Int2 (PWR) (Scale 1:1)



Bottom Layer (Scale 1:1)



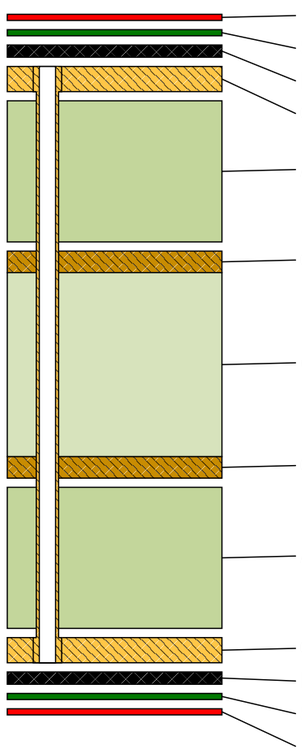
Transmission Line Structure Table

Impedance Id	Transmission Line	Target Impedance	Calculated Impedance	Trace layer	Lower Trace Width	Upper Trace Width	Gap	Reference layers	Substack
1	Edge-Coupled Coated Microstrip	100	100.03	Top Layer	0.17mm	0.17mm	0.13mm	Int1 (GND)	Board Layer Stack
2	Edge-Coupled Coated Microstrip	90	89.98	Top Layer	0.24mm	0.24mm	0.13mm	Int1 (GND)	Board Layer Stack
3	Edge-Coupled Coated Microstrip	120	119.98	Top Layer	0.09mm	0.09mm	0.13mm	Int1 (GND)	Board Layer Stack
4	Edge-Coupled Coated Microstrip	100	100.03	Bottom Layer	0.17mm	0.17mm	0.13mm	Int2 (PWR)	Board Layer Stack
5	Edge-Coupled Coated Microstrip	90	89.98	Bottom Layer	0.24mm	0.24mm	0.13mm	Int2 (PWR)	Board Layer Stack
6	Edge-Coupled Coated Microstrip	120	119.98	Bottom Layer	0.09mm	0.09mm	0.13mm	Int2 (PWR)	Board Layer Stack

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
✡	2	0.25mm	Plated	None
△	4	0.51mm	Plated	None
□	242	0.71mm	Plated	+/-0.08mm
⊠	10	0.90mm	Plated	None
◇	10	1.02mm	Plated	+/-0.05mm
☆	4	1.02mm	Plated	None
✧	2	1.57mm	Plated	None
✡	2	2.41mm	Plated	None
○	2	3.00mm	Plated	+/-0.05mm
✣	2	3.25mm	Plated	None
	280 Total			

Layer Stack Legend



Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.01mm	SM-001	Solder Mask	GTS
Nickel, Gold	Top Surface Finish	0.02mm		Surface Finish	
CF-004	**Top Layer**	**0.04mm**		**Signal**	**GTL**
Prepreg		*0.23mm*	*PP-018*	*Dielectric*	
CF-004	**Int1 (GND)**	**0.04mm**		**Internal Plane**	**GP1**
Core		*0.93mm*	*Core-028*	*Dielectric*	
CF-004	**Int2 (PWR)**	**0.04mm**		**Internal Plane**	**GP2**
Prepreg		*0.23mm*	*PP-018*	*Dielectric*	
CF-004	**Bottom Layer**	**0.04mm**		**Signal**	**GBL**
Nickel, Gold	Bottom Surface Finish	0.02mm		Surface Finish	
Surface Material	Bottom Solder	0.01mm	SM-001	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 1.60mm