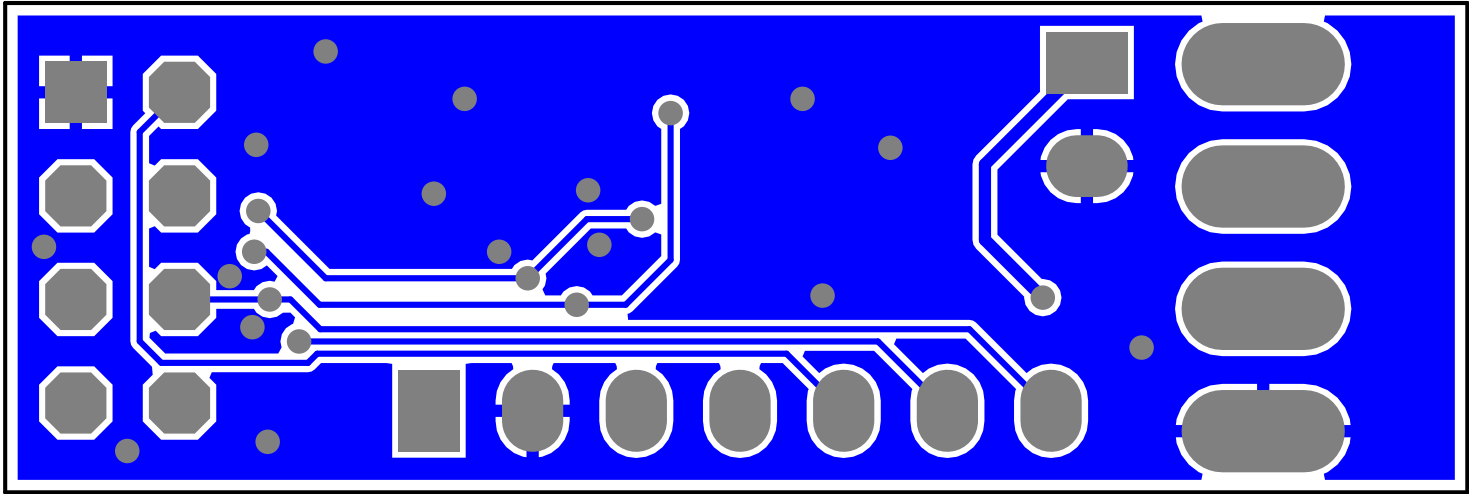
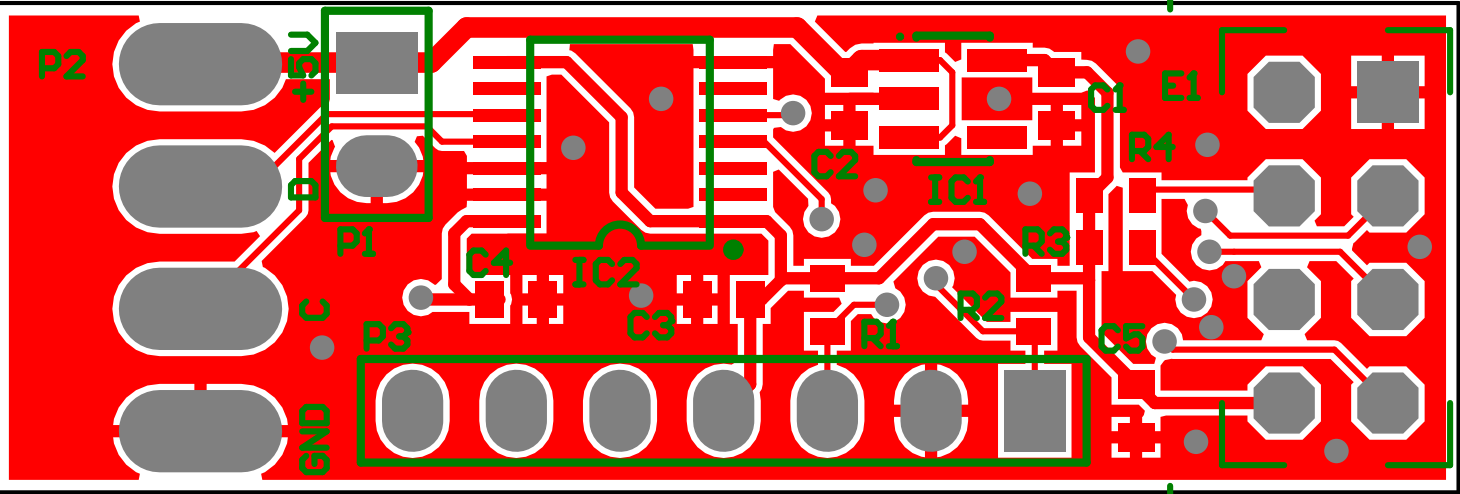
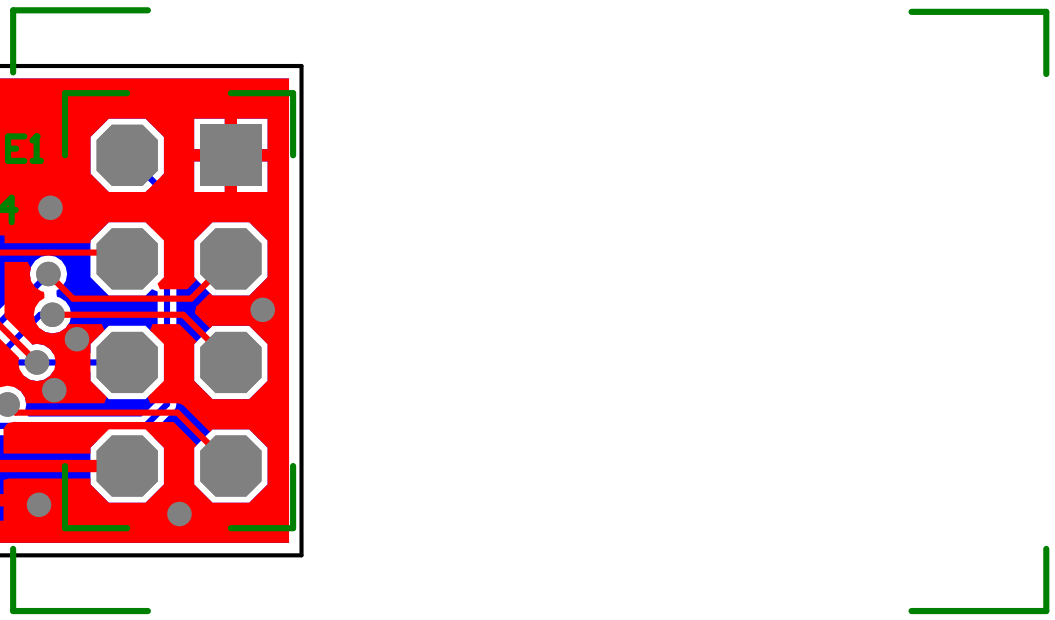
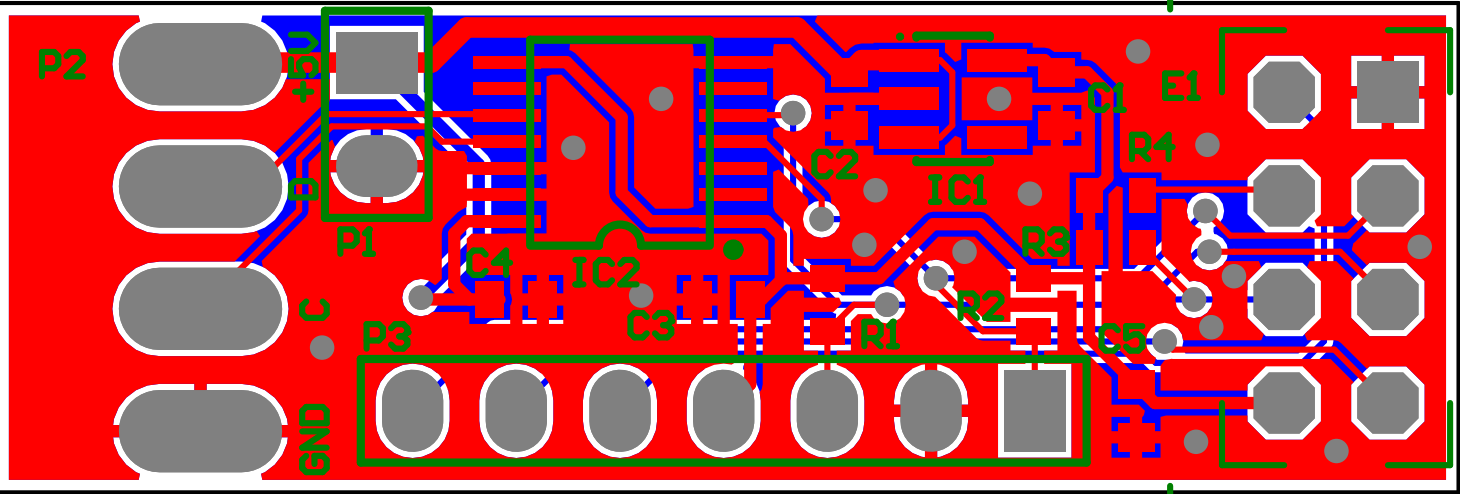
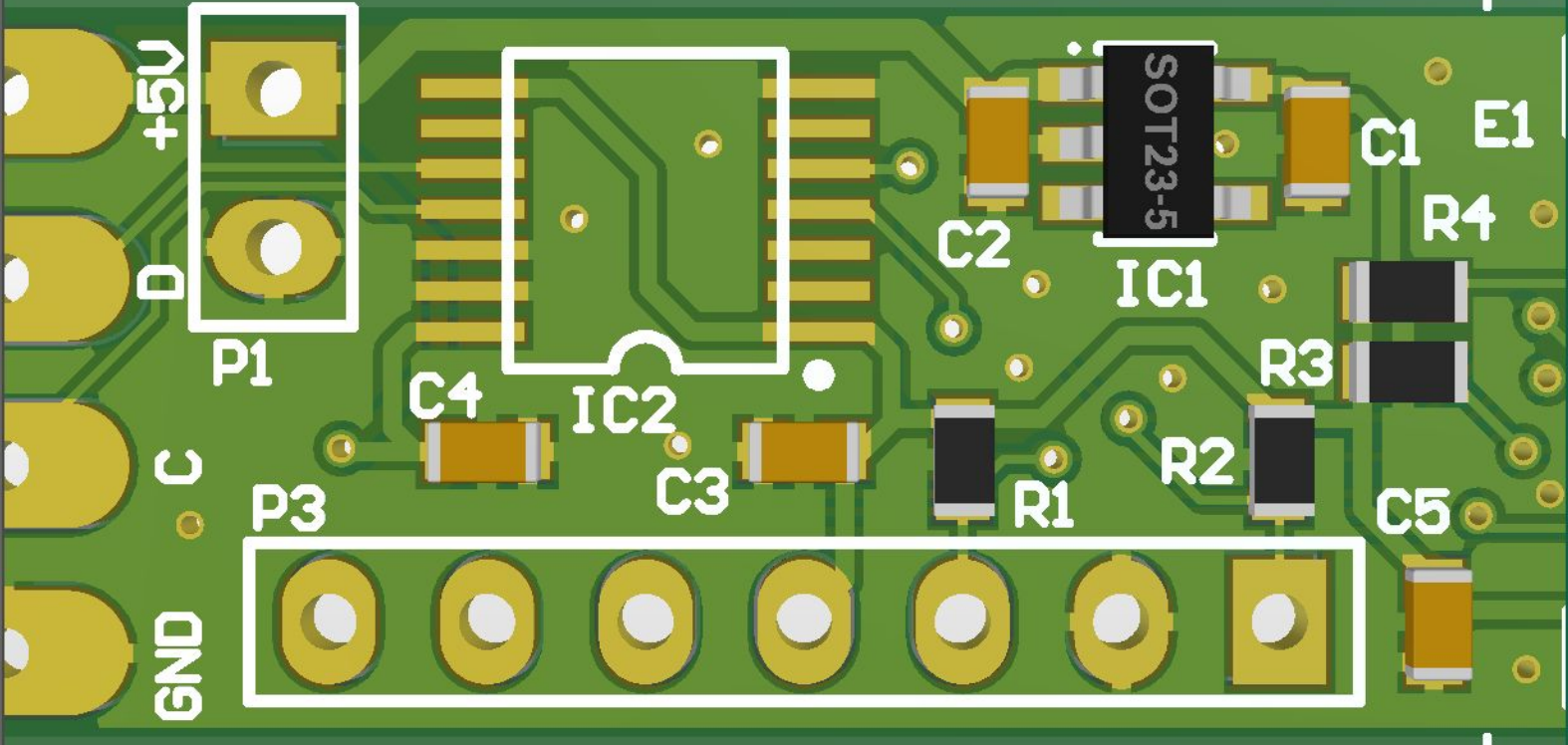


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Size A4	Number	Revision
Date: 07.12.2019	Sheet of	
File: D:\Buck\...\esp-01-APA102-driver.SchDoc Drawn By:		





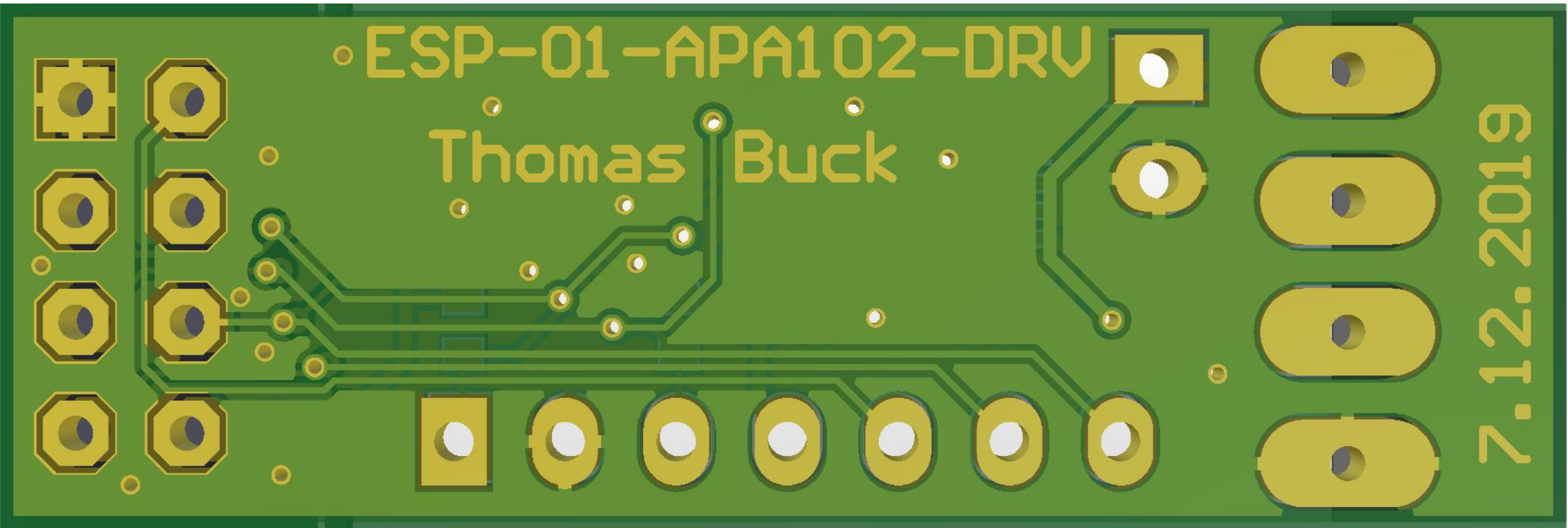


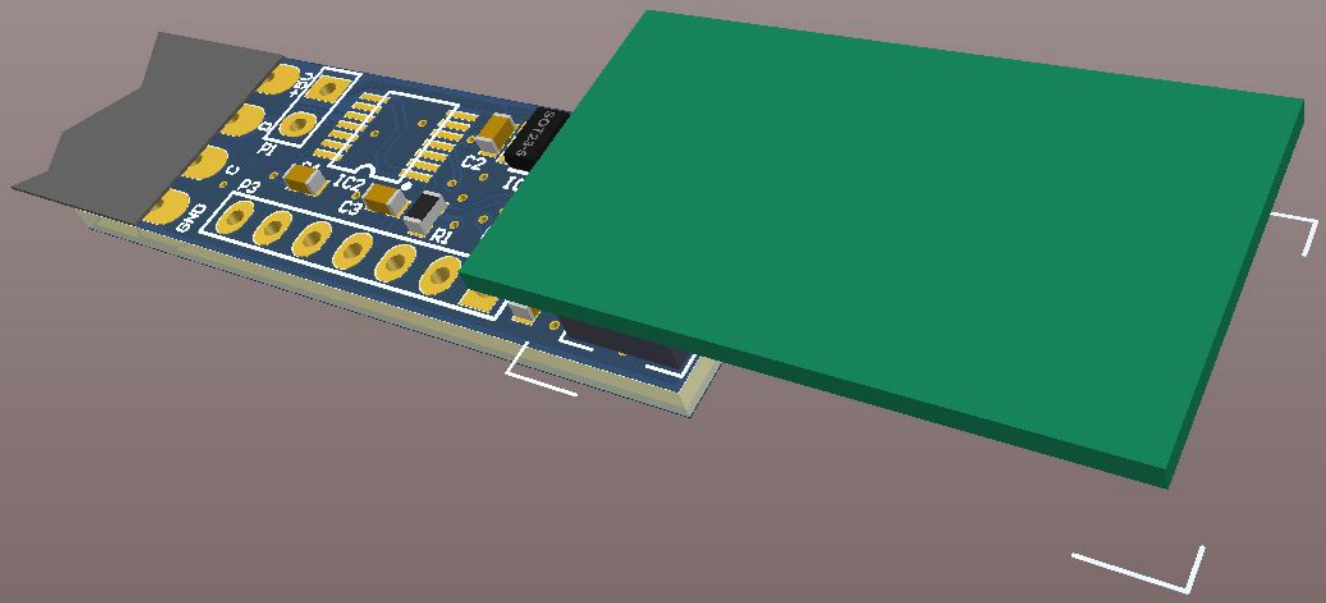


ESP-01-APA102-DRV

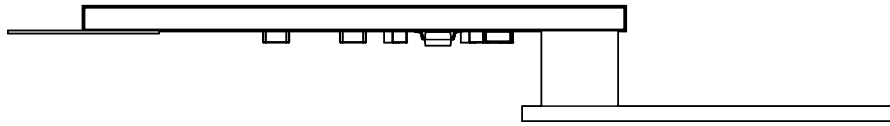
Thomas Buck

7.12.2019

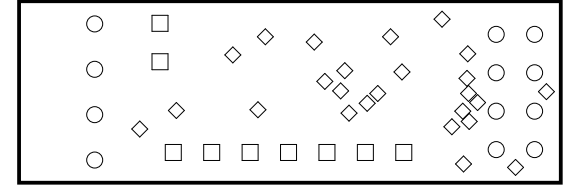




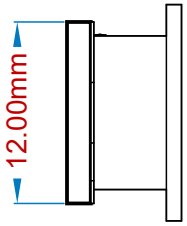
View from Back side (Scale 2:1)



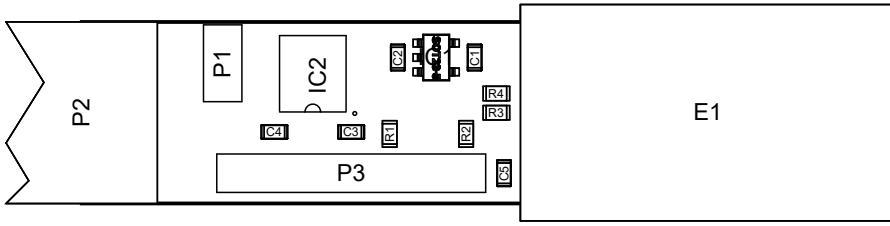
Drill Drawing View (Scale 2:1)



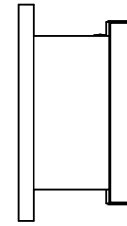
View from Left side (Scale 2:1)



View from Top side (Scale 2:1)



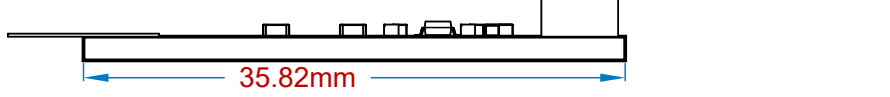
View from Right side (Scale 2:1)



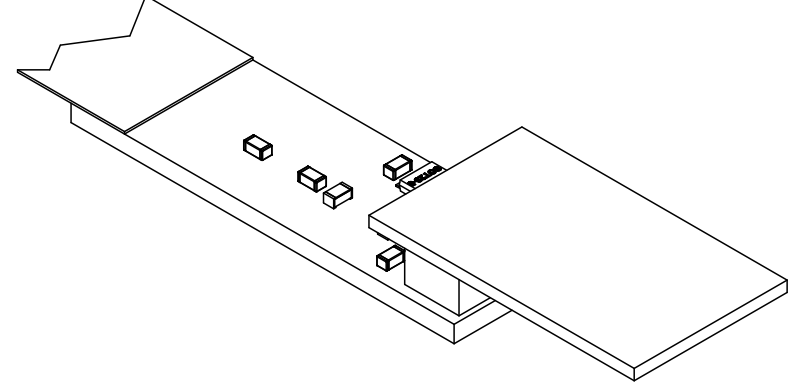
Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
◇	25	0.30mm	Plated	None
○	12	0.80mm	Plated	None
□	9	0.90mm	Plated	None
46 Total				

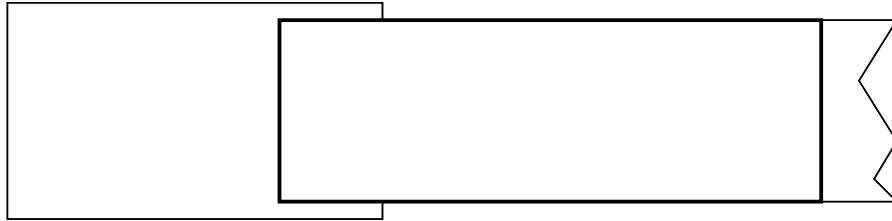
View from Front side (Scale 2:1)



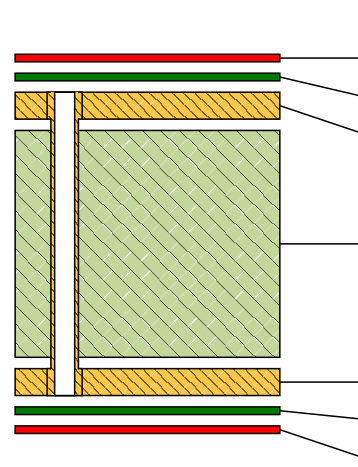
View from Front side (Scale 2:1)



View from Bottom side (Scale 2:1)



Layer Stack Legend



Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
		1.50mm	FR-4	Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 1.59mm