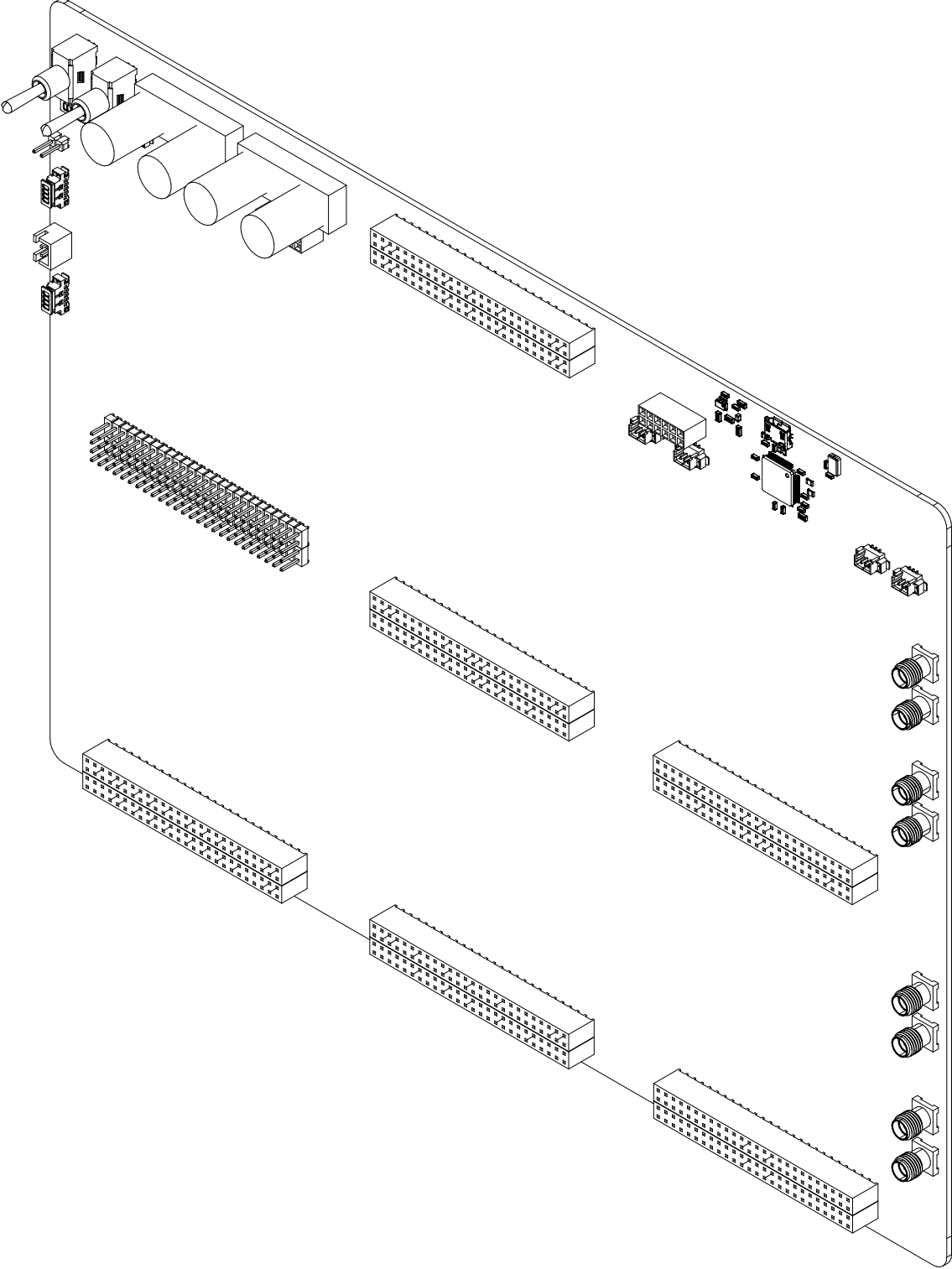
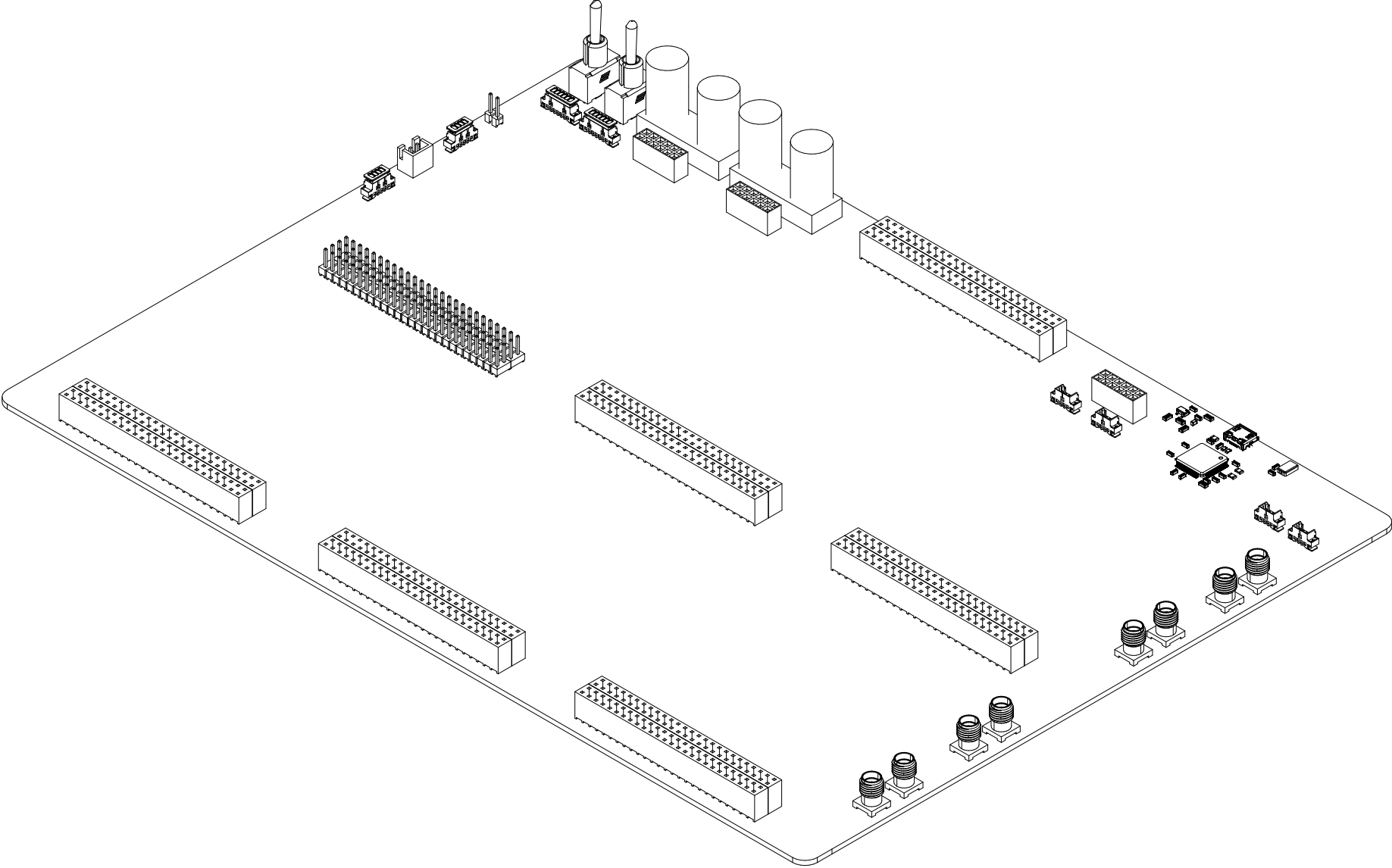


View from Top side (Scale 2:3)



View from Front side (Scale 2:3)



SpaceLab FlatSat Platform Hardware:


- Designed by: Yan C. de Azeredo.
- Reviewers: Gabriel M. Marcelino and André M. P. Mattos.

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Github repository: <https://github.com/spacelab-ufsc/flatsat-platform/>

More info about SpaceLab: <https://spacelab.ufsc.br/>

SpaceLab - Federal University of Santa Catarina			
Project: flatsat_platform.PrjPcb			
Title: Project info and board isometric views			
Designed by: Yan Castro de Azeredo			Project code: FLATSAT1
Date: 1/4/2021	Version: 0.1	Sheet 1 of 3	Sheet size: A3



A

B

C

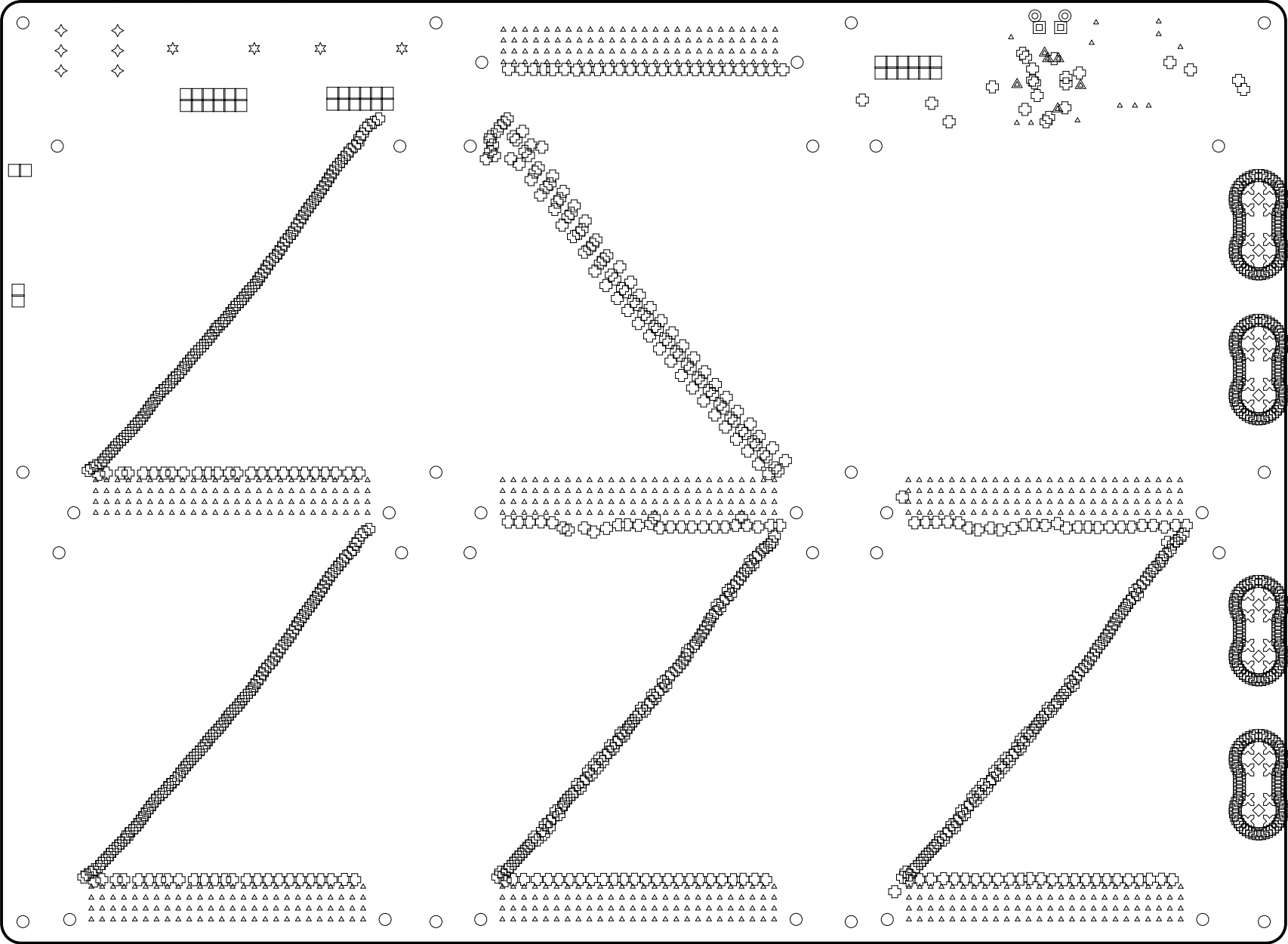
D

E

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
Prepreg		0.13mm	FR-4	Dielectric	
CF-004	Signal Layer 1	0.04mm		Signal	G1
Core		1.20mm	FR-4	Dielectric	
Copper	Signal Layer 2	0.04mm		Signal	G2
Prepreg		0.13mm	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: 1.63mm					

Drill Drawing View (Scale 0.75)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
⊕	1002	0.30mm	Plated	
▲	6	0.40mm	Plated	
◎	2	0.50mm	Plated	
▣	2	0.55mm	Plated	
△	740	0.90mm	Plated	
□	40	1.00mm	Plated	
◇	8	1.70mm	Plated	
⊗	32	1.80mm	Plated	
◊	6	1.90mm	Plated	
○	38	3.20mm	Plated	
☆	4	4.50mm	Plated	
1880 Total				