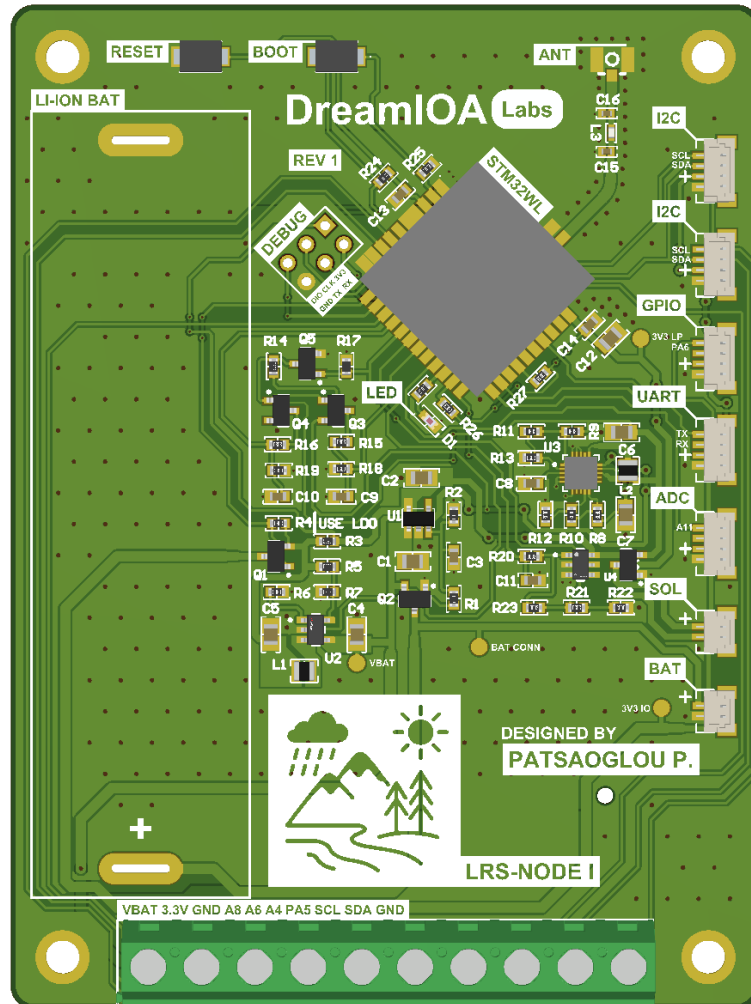


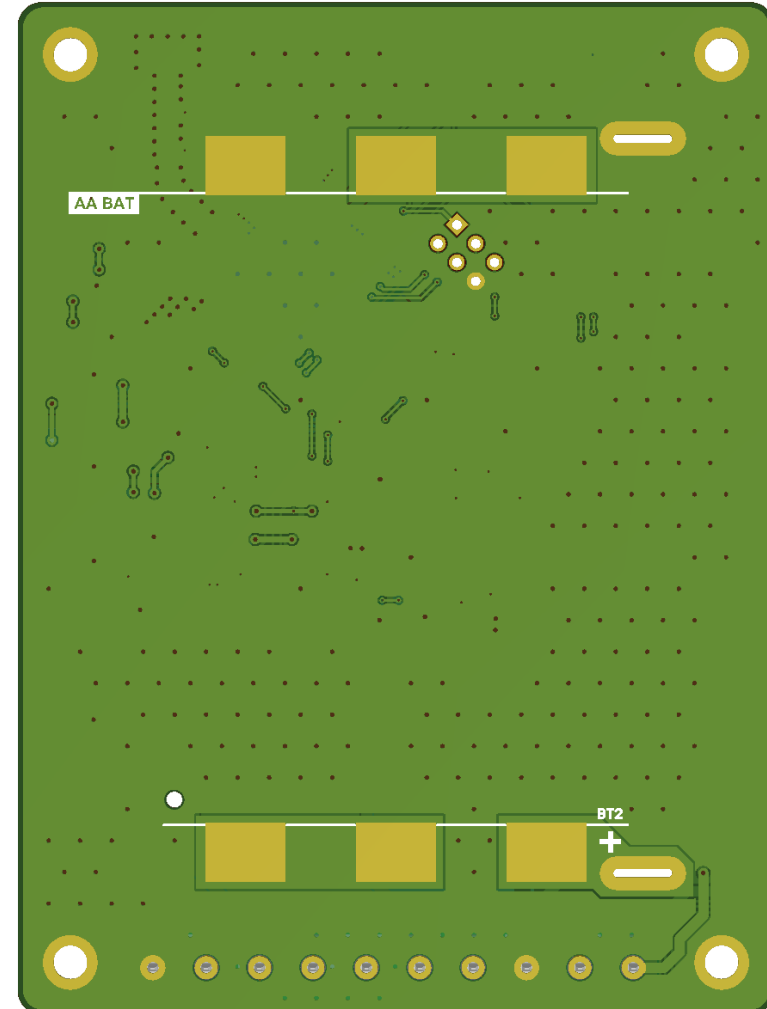
IoT Node based on the LoraWAN STM32WLE module

Realistic View



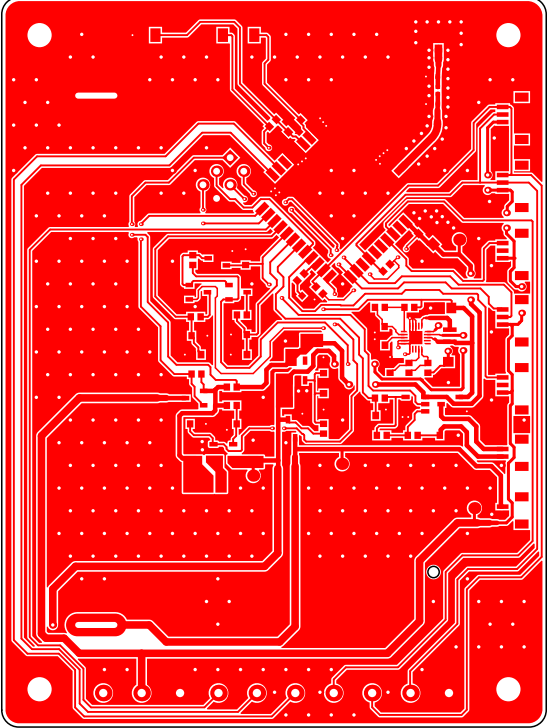
Designed by: Patsaoglou Pantelis
Date: April 2025
Revision: 1

Realistic View

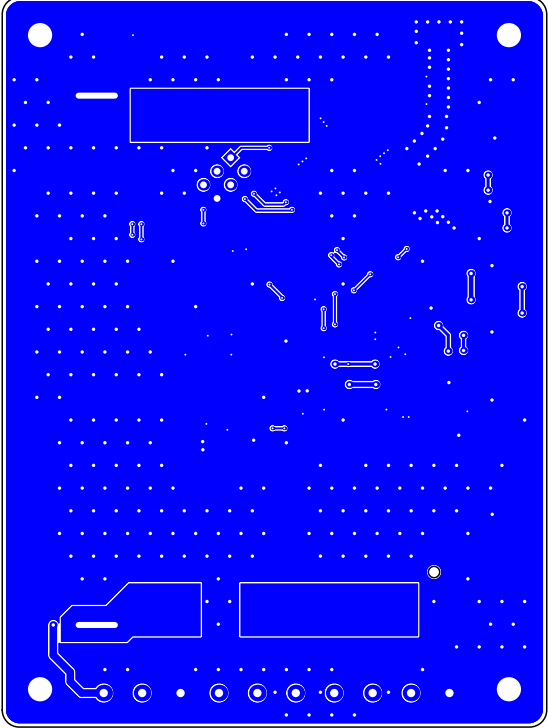


DreamIOA Labs

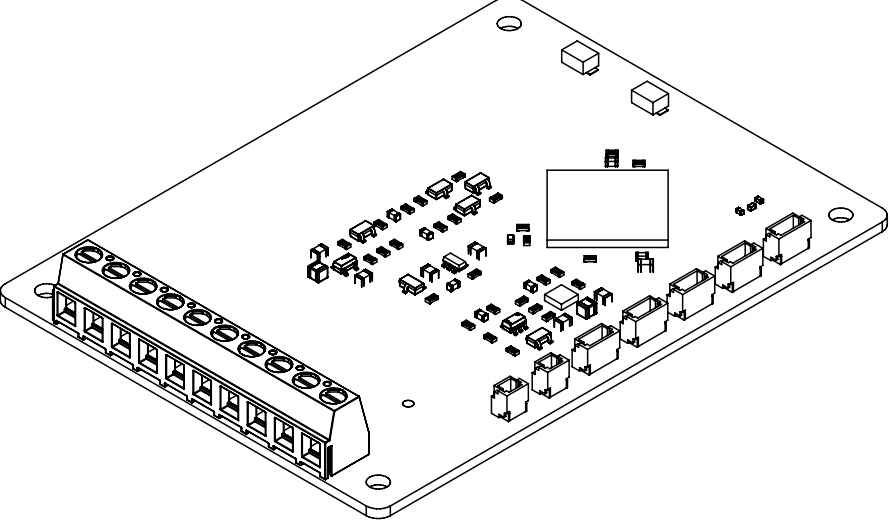
Top Layer (Scale 1:1)



Bottom Layer (Scale 1:1)



View from Front side (Scale 1:1)



Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.03mm	SM-001	Solder Mask	GTS
PbSn	Top Surface Finish	0.02mm		Surface Finish	
CF-004	Top Layer	0.04mm		Signal	GTL
Core		1.50mm	Core-043	Dielectric	
CF-004	Bottom Layer	0.04mm		Signal	GBL
PbSn	Bottom Surface Finish	0.02mm		Surface Finish	
Surface Material	Bottom Solder	0.03mm	SM-001	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 1.66mm