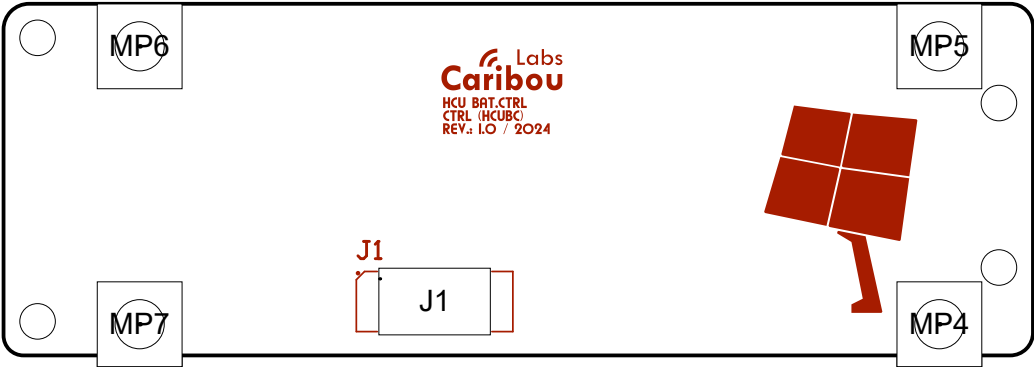


ASSEMBLY DRAWING (TOP)

Top Side Assembly Drawing (Scale 3:2)




<div><div></div><div>Labs</div><div>Caribou</div></div>		TITLE	
		ASSY	
		PRODUCT	
		HCUMC	
	ID/SIG.		DATE
DESIGNED	DM		29/07/2024
CHECKED	DM		29/07/2024
Q.A.	DM		29/07/2024
CLASS 3	SIZE A4	DRAW No. DN00011	SHEET 1 OF 4
		REV	1.0

ASSEMBLY DRAWING (BOTTOM)

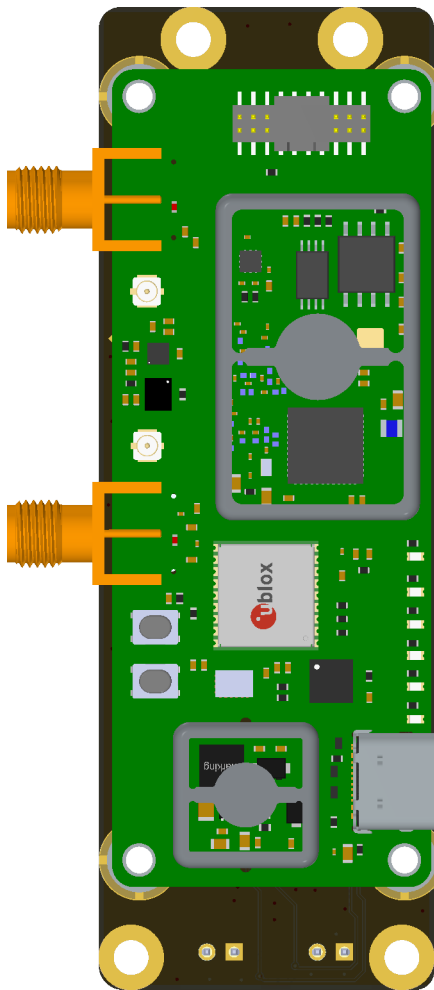
Bottom Side Assembly Drawing (Scale 3:2)



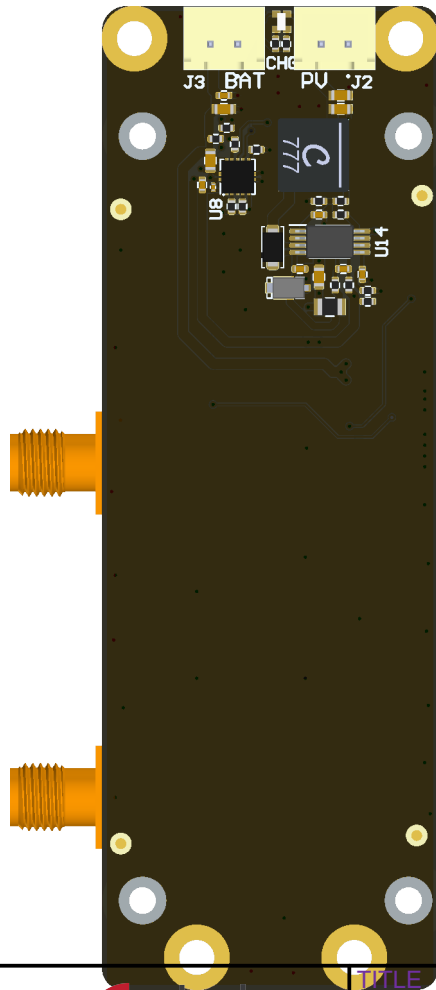
				TITLE ASSY	
				PRODUCT HCUMC	
	ID/SIG.				DATE
DESIGNED	DM				29/07/2024
CHECKED	DM				29/07/2024
Q.A.	DM				29/07/2024
CLASS 3	SIZE A4	DRAW No. DN00011	SHEET 2	OF 4	REV 1.0


BOARD REALISTIC VIEW

TOP



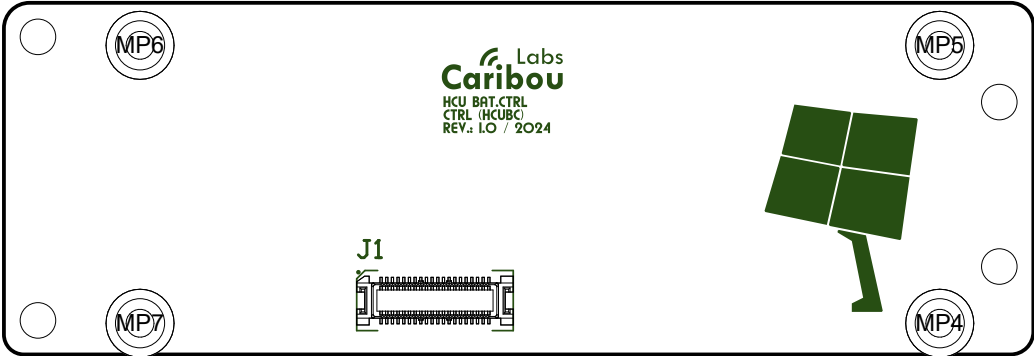
BOTTOM



				TITLE	
				ASSY	
				PRODUCT	
				HCUMC	
	ID/SIG.			DATE	
DESIGNED	DM			29/07/2024	
CHECKED	DM			29/07/2024	
Q.A.	DM			29/07/2024	
CLASS	SIZE	DRAW No.	SHEET	OF	REV
3	A4	DN00011	3	4	1.0

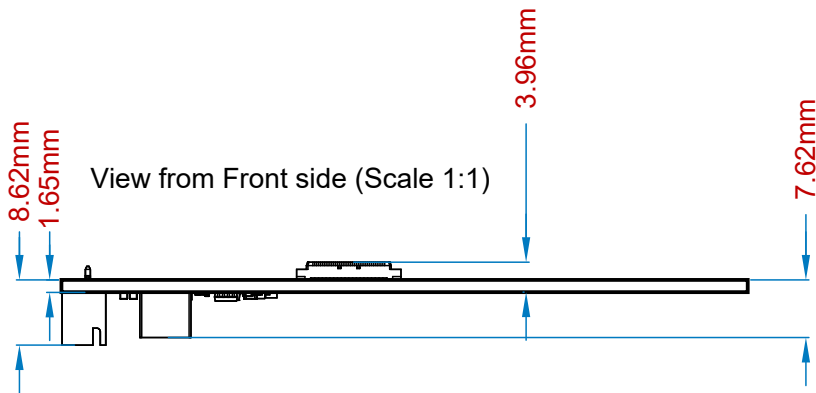
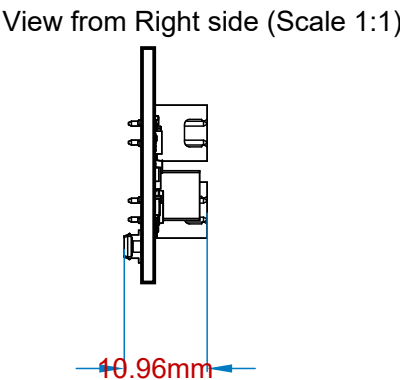
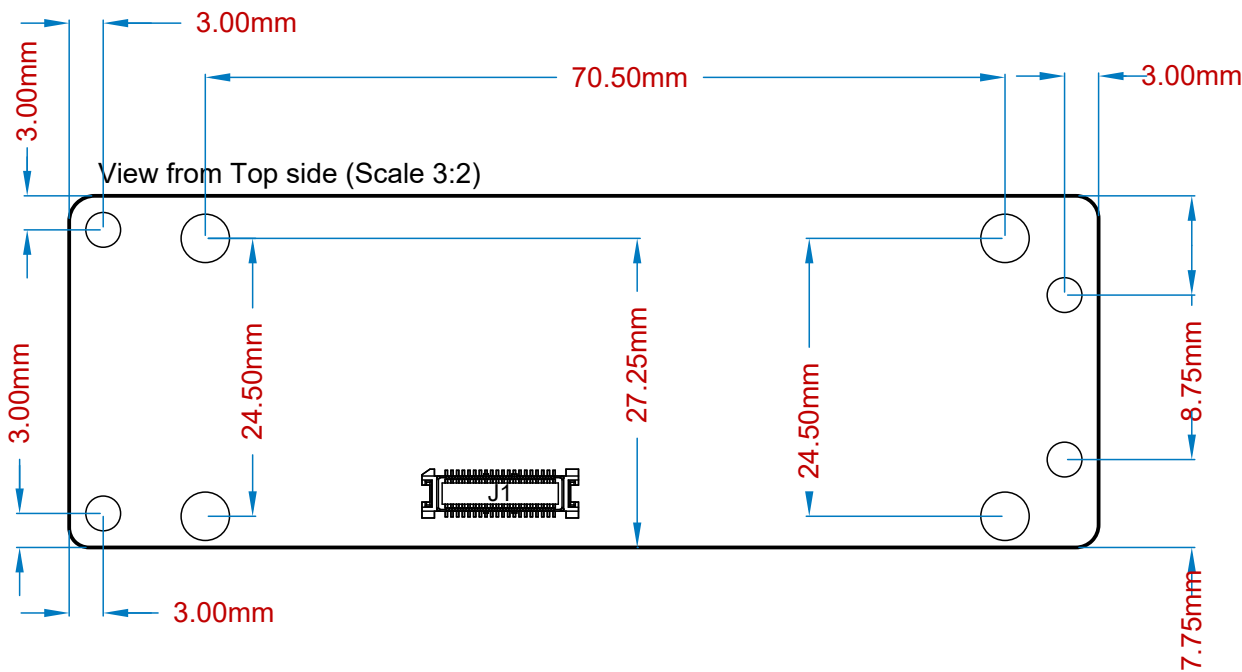
ASSEMBLY VIEW

View from Top side (Scale 3:2)



<div><div>Caribou Labs</div></div>				TITLE ASSY	
				PRODUCT HCUMC	
	ID/SIG.				DATE
DESIGNED	DM				29/07/2024
CHECKED	DM				29/07/2024
Q.A.	DM				29/07/2024
CLASS 3	SIZE A4	DRAW No. DN00011	SHEET 4	OF 4	REV 1.0

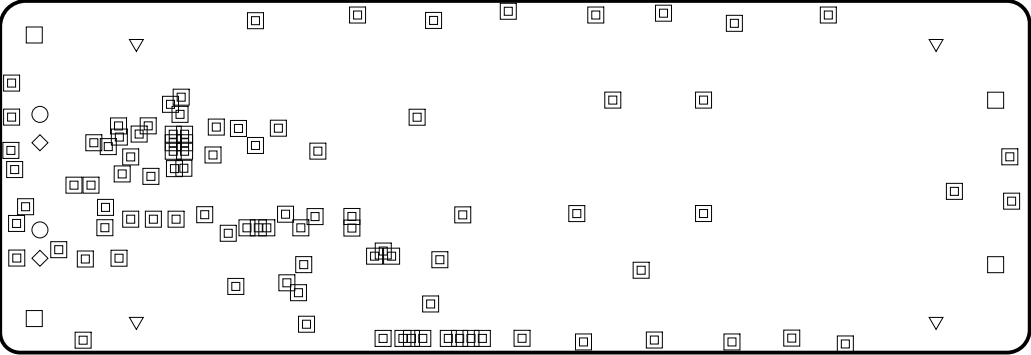
MECHANICAL VIEW



<div><div></div><div>Labs</div><div>Caribou</div></div>				TITLE MECH	
				PRODUCT HCUMC	
	ID/SIG.			DATE	
DESIGNED	DM			29/07/2024	
CHECKED	DM			29/07/2024	
Q.A.	DM			29/07/2024	
CLASS 3	SIZE A4	DRAW No. DN00012	SHEET 1	OF 1	REV 1.0

PRODUCTION VIEW

Drill Drawing View (Scale 3:2)




Drill Table

Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via / Pad	Hole Tolerance
□	96	0.30mm	Plated	Round	Top Layer - Bottom Layer	Via	
○	2	1.00mm	Plated	Round	Top Layer - Bottom Layer	Pad	
◇	2	1.00mm	Plated	Round	Top Layer - Bottom Layer	Pad	
□	4	3.20mm	Plated	Round	Top Layer - Bottom Layer	Pad	
▽	4	4.40mm	Non-Plated	Round	Top Layer - Bottom Layer	Pad	
108 Total							

<div>Caribou Labs</div>				TITLE PROD	
				PRODUCT HCUMC	
	ID/SIG.				DATE
DESIGNED	DM				29/07/2024
CHECKED	DM				29/07/2024
Q.A.	DM				29/07/2024
CLASS 3	SIZE A4	DRAW No. DN00013	SHEET 1	OF 3	REV 1.0

Layer Stack Legend


Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material	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					

			TITLE PROD		
			PRODUCT HCUMC		
	ID/SIG.				DATE
DESIGNED	DM				29/07/2024
CHECKED	DM				29/07/2024
Q.A.	DM				29/07/2024
CLASS 3	SIZE A4	DRAW No. DN00013	SHEET 2	OF 3	REV 1.0

IMPEDANCE CONTROL TABLE:

Transmission Line Structure Table

Impedance Id	Transmission Line	Target Impedance	Trace layer	Lower Trace Width	Upper Trace Width	Gap	Reference layers
--------------	-------------------	------------------	-------------	-------------------	-------------------	-----	------------------

				TITLE PROD	
				PRODUCT HCUMC	
	ID/SIG.				DATE
DESIGNED	DM				29/07/2024
CHECKED	DM				29/07/2024
Q.A.	DM				29/07/2024
CLASS 3	SIZE A4	DRAW No. DN00013	SHEET 3	OF 3	REV 1.0