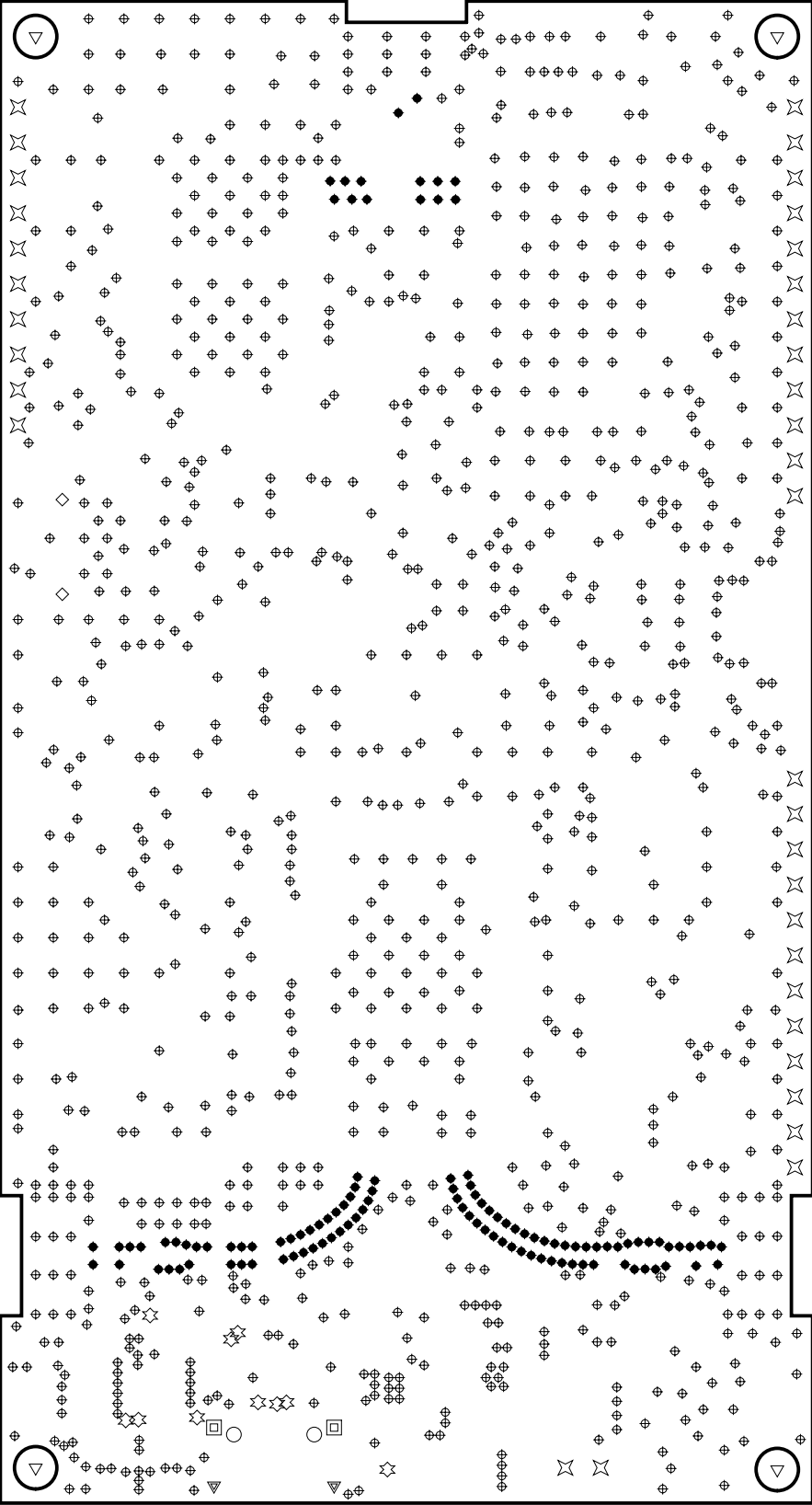


Project board: C214
Revision: revC
PCBUBX number: UBXH60-0000969

Rev.	Description	Date	By
v1.01	Initial release	22/09/2022	tcha
revA	Changed to u-blox standards. Changed RF paths, battery charger	14/10/2022	tcha
revC	Fixed adjustable LDO	29/11/2022	tcha
=ReleaseR	=ReleaseDesc4	=ReleaseDate4	=ReleaseB
=ReleaseR	=ReleaseDesc5	=ReleaseDate5	=ReleaseB

Drill Drawing View (Scale 2:1)



Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
Top Overlay	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.025mm	SM-002	Solder Mask	GTS
Copper	Top	0.036mm		Signal	GTL
Core		0.203mm	FR-4	Dielectric	
Copper	Route2	0.018mm		Signal	G1
Prepreg		1.037mm	FR-4	Dielectric	
Copper	Layer 1	0.018mm		Signal	G2
Core		0.203mm	FR-4	Dielectric	
Copper	Bottom Layer	0.036mm		Signal	GBL
Surface Material	Board Layer Stack Bottom Solder	0.025mm	SM-002	Solder Mask	GBS
Board Layer Stack Bottom Overlay	Board Layer Stack Bottom Overlay			Legend	GBO
Total thickness: 1.600mm					

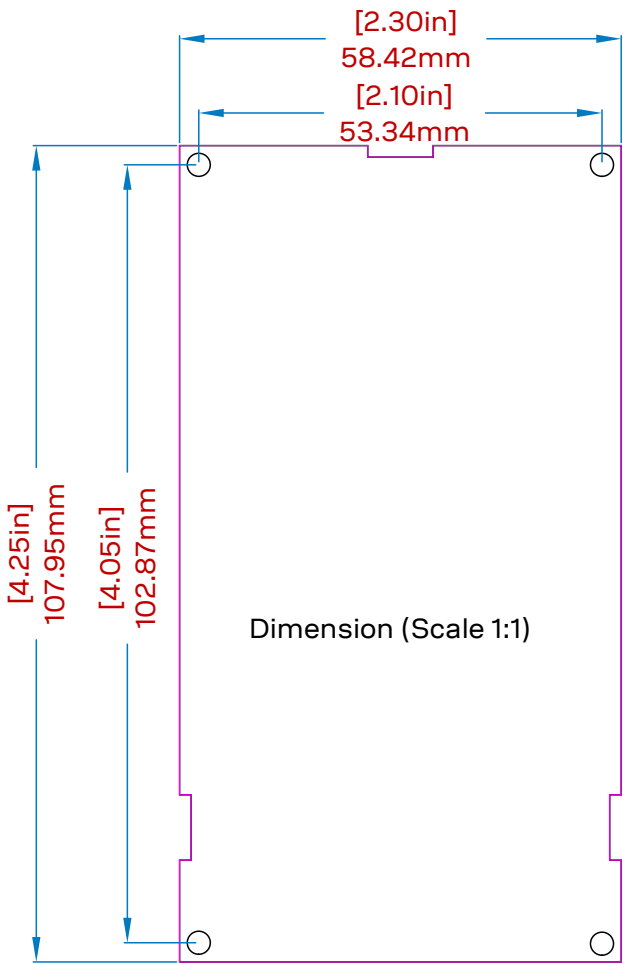
Drill Table

Symbol	Count	Hole Size	Plated
☆	10	0.20mm	Plated
◆	112	0.30mm	Plated
⊕	1012	0.30mm	Plated
○	2	0.65mm	Non-Plated
◇	2	0.95mm	Non-Plated
☆	36	1.02mm	Plated
▽	2	1.40mm	Plated
⊞	2	1.70mm	Plated
▽	4	3.05mm	Non-Plated
1182 Total			

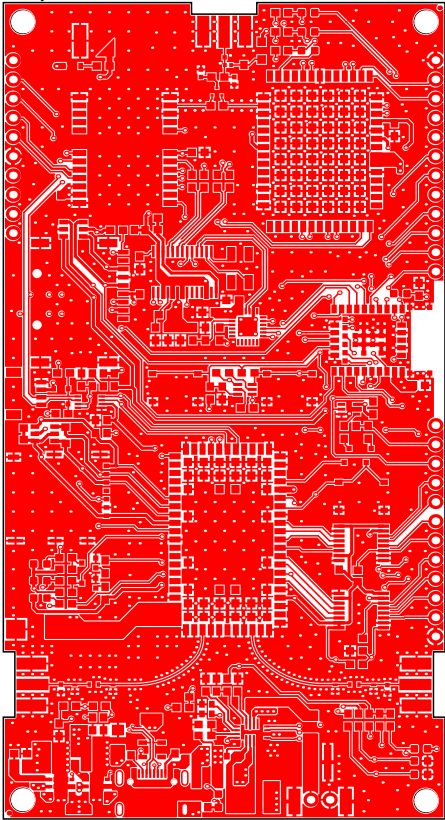


PCB NAME: C214 revC		DATE: 29/11/2022
PROJECT: C214	ENGINEER: tcha	REVISION: revC
PCB NO: UBXH60-0000969	PRJ CODE: ALPS-HPG	SHEET 1 of 5

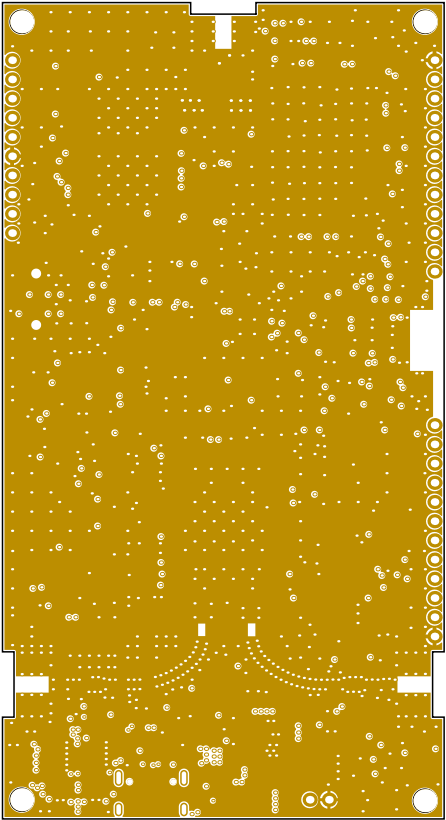
Rev.	Description	Date	By
v1.01	main v0.9 + Adjustable LDO, LENA-R8 pin, Mouser connectors,	22/09/2022	tcha
revA	Changed to u-blox standards. Changed RF paths, battery charger	14/10/2022	tcha
revC	Fixed adjustable LDO	29/11/2022	tcha
=ReleaseR	=ReleaseDesc4	=ReleaseDate4	=ReleaseB
=ReleaseR	=ReleaseDesc5	=ReleaseDate5	=ReleaseB



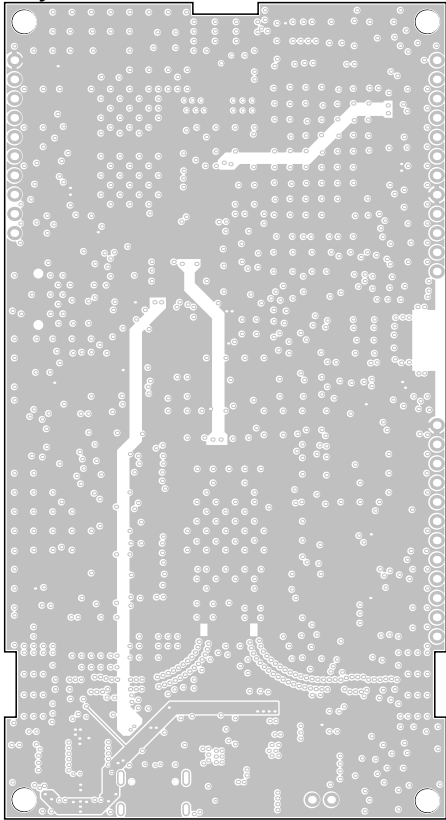
Top (Scale 1:1)



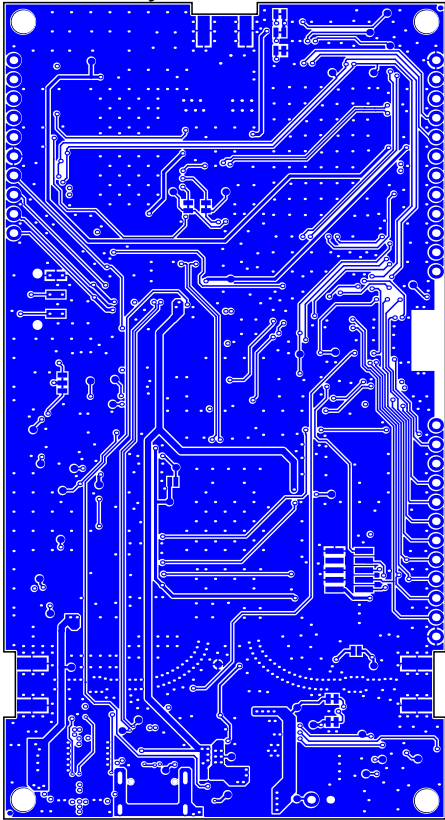
Route2 (Scale 1:1)



Layer 1 (Scale 1:1)

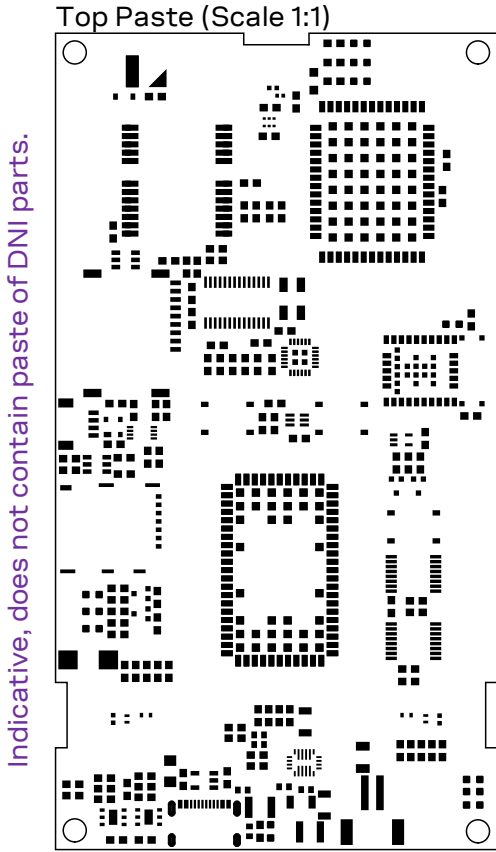


Bottom Layer (Scale 1:1)

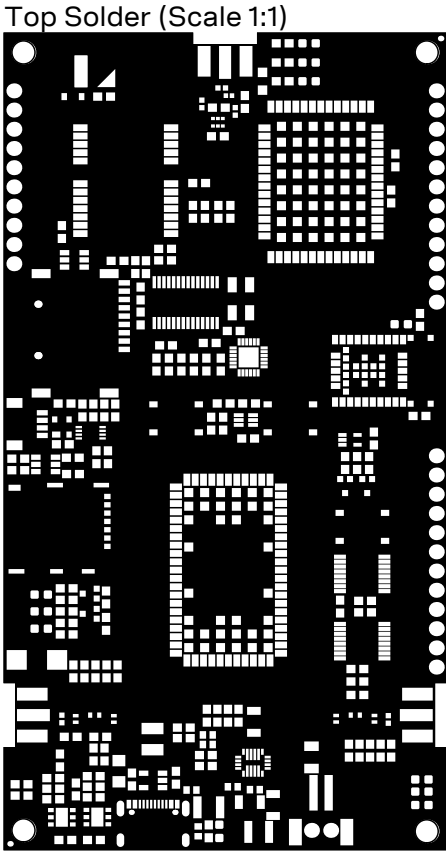
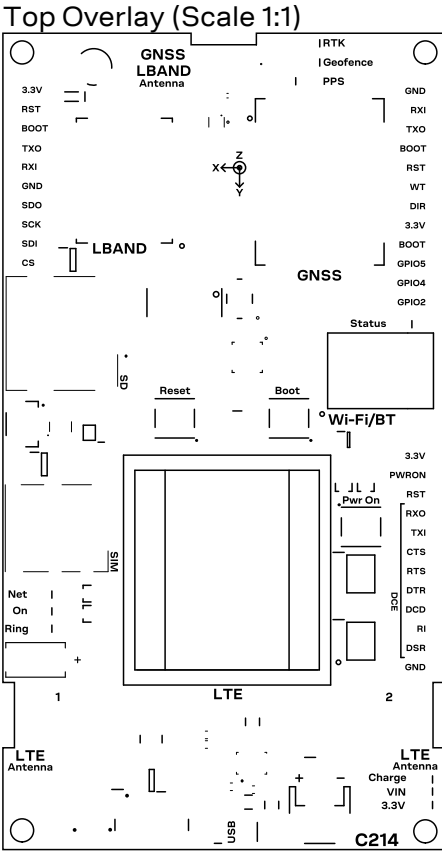



PCB NAME: C214 revC		DATE: 29/11/2022
PROJECT: C214	ENGINEER: tcha	REVISION: revC
PCB NO: UBXH60-0000969	PRJ CODE: ALPS-HPG	SHEET 2 of 5

Rev.	Description	Date	By
v1.01	main v0.9 + Adjustable LDO, LENA-R8 pin, Mouser connectors,	22/09/2022	tcha
revA	Changed to u-blox standards. Changed RF paths, battery charger	14/10/2022	tcha
revC	Fixed adjustable LDO	29/11/2022	tcha
=ReleaseR	=ReleaseDesc4	=ReleaseDate4	=ReleaseB
=ReleaseR	=ReleaseDesc5	=ReleaseDate5	=ReleaseB



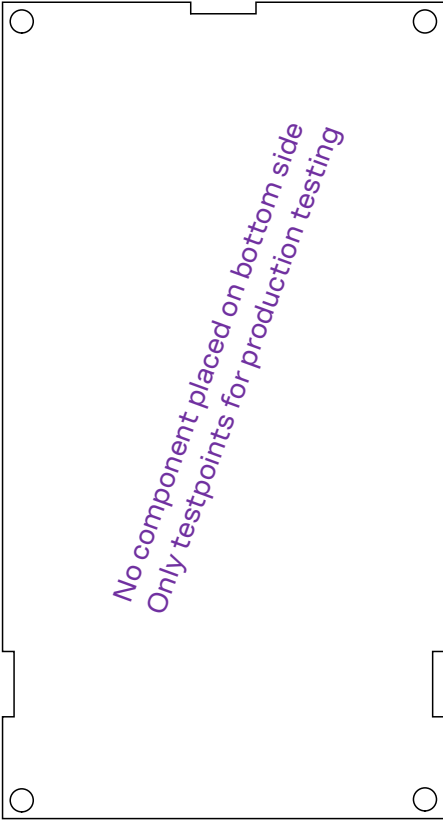
Indicative, does not contain paste of DNI parts.



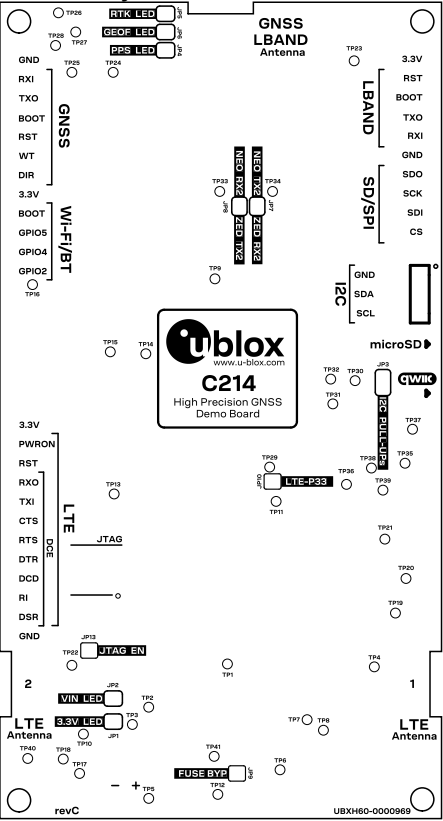
 CONFIDENTIAL	PCB NAME: C214 revC		DATE: 29/11/2022	
	PROJECT: C214	ENGINEER: tcha	REVISION: revC	
	PCB NO: UBXH60-0000969	PRJ CODE: ALPS-HPG	SHEET 3 of 5	

Rev.	Description	Date	By
v1.01	main v0.9 + Adjustable LDO, LENA-R8 pin, Mouser connectors,	22/09/2022	tcha
revA	Changed to u-blox standards. Changed RF paths, battery charger	14/10/2022	tcha
revC	Fixed adjustable LDO	29/11/2022	tcha
=ReleaseR	=ReleaseDesc4	=ReleaseDate4	=ReleaseB
=ReleaseR	=ReleaseDesc5	=ReleaseDate5	=ReleaseB

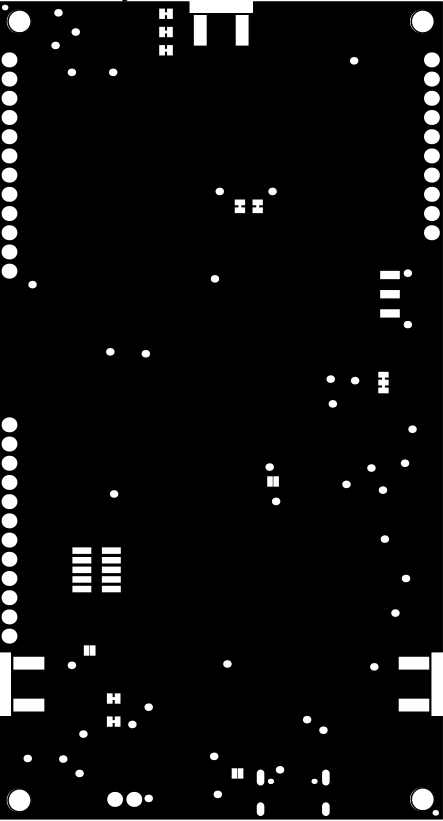
Bottom Paste (Scale 1:1)



Board Layer Stack Bottom Overlay (Scale 1:1)

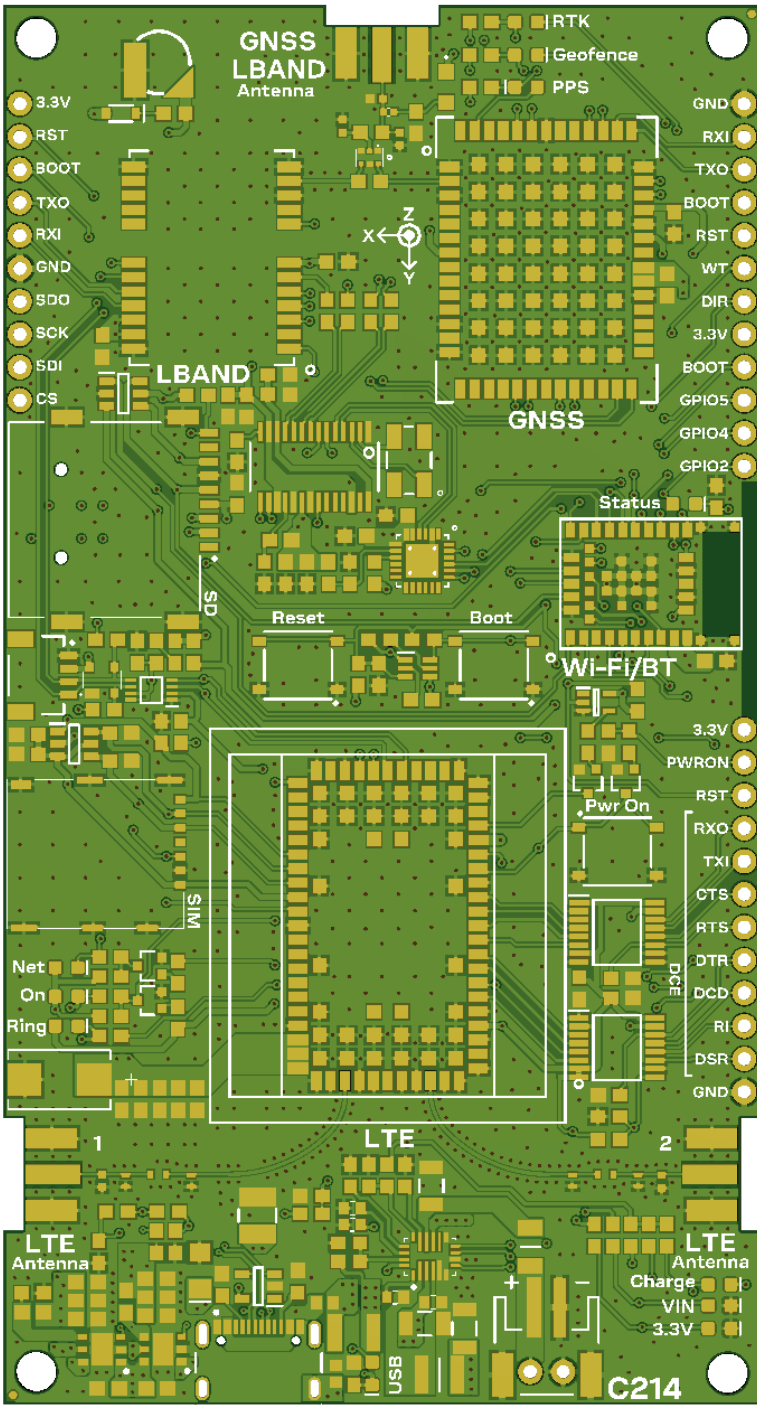


Board Layer Stack Bottom Solder (Scale 1:1)

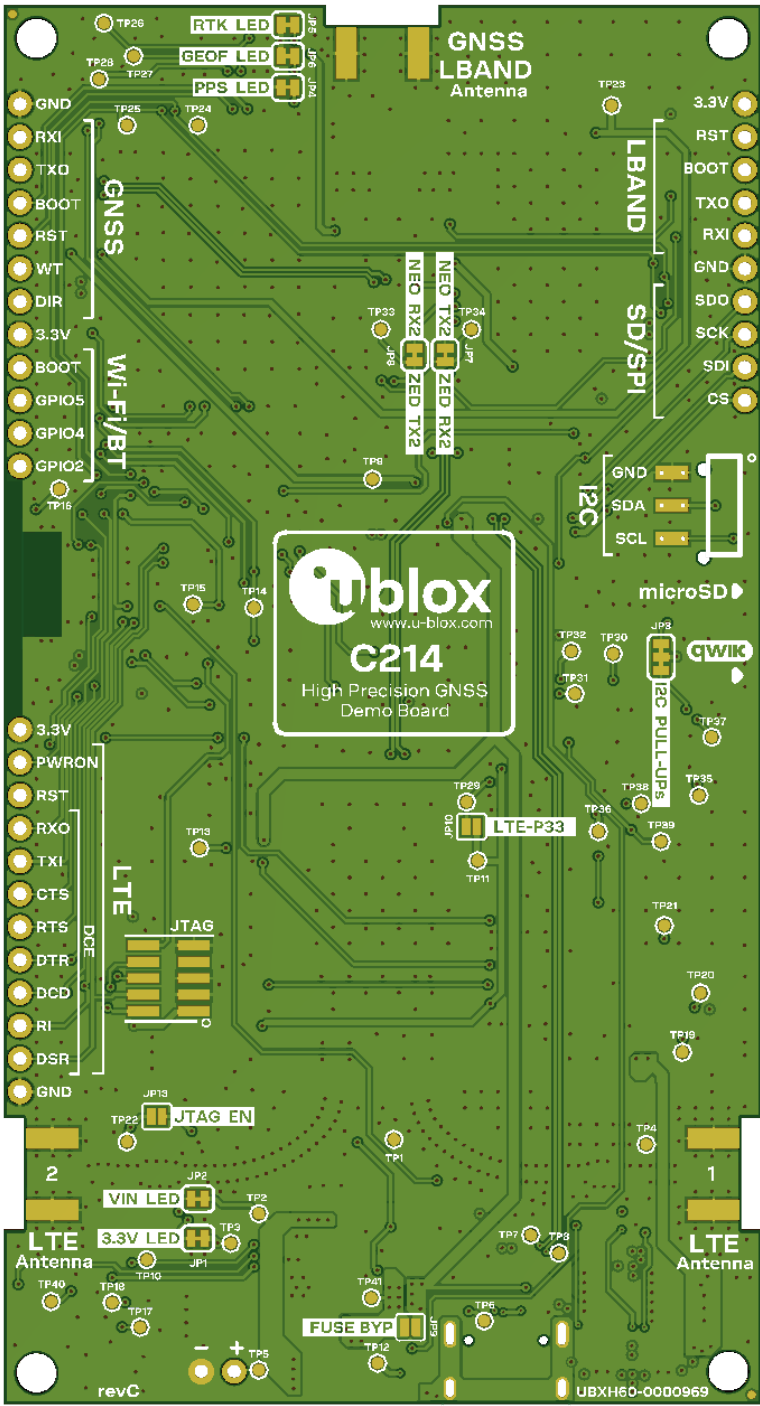



Rev.	Description	Date	By
v1.01	main v0.9 + Adjustable LDO, LENA-R8 pin, Mouser connectors,	22/09/2022	tcha
revA	Changed to u-blox standards. Changed RF paths, battery charger	14/10/2022	tcha
revC	Fixed adjustable LDO	29/11/2022	tcha
=ReleaseR	=ReleaseDesc4	=ReleaseDate4	=ReleaseB
=ReleaseR	=ReleaseDesc5	=ReleaseDate5	=ReleaseB

Top (Realistic View)



Bottom (Realistic View)



 CONFIDENTIAL	PCB NAME: C214 revC		DATE: 29/11/2022
	PROJECT: C214	ENGINEER: tcha	REVISION: revC
	PCB NO: UBXH60-0000969	PRJ CODE: ALPS-HPG	SHEET 5 of 5