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DWG NO: =DOC_NO_ASSY_
REV: .ltd

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REV STATUS OF SHEETS	REV											REVISIONS				
	SHEET										ZONE	REV	DESCRIPTION	DATE	APPROVED	

Uses JLCPCB 7268 stackup
for controlled impedance

Layer Stack Legend

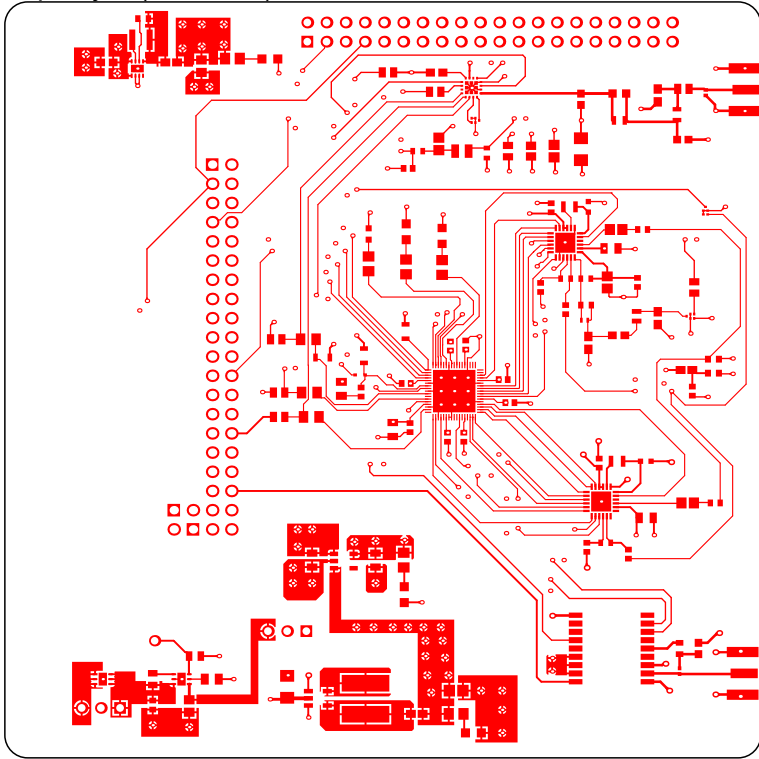
Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.020mm	SM-001	Solder Mask	GTS
PbSn	Top Surface Finish	0.020mm		Surface Finish	
CF-004	Top Layer	0.035mm		Signal	GTL
Prepreg		0.210mm	PP-017	Dielectric	
CF-004	Int1 (GND)	0.015mm		Internal Plane	GP1
Core		1.065mm	Core-039	Dielectric	
CF-004	Int2 (PWR)	0.015mm		Internal Plane	GP2
Prepreg		0.210mm	PP-017	Dielectric	
CF-004	Bottom Layer	0.035mm		Signal	GBL
PbSn	Bottom Surface Finish	0.020mm		Surface Finish	
Surface Material	Bottom Solder	0.020mm	SM-001	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.667mm					

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SCALE:		FILE NAME: concentrator_pcb.PCBDwf		SHEET: 2		OF 6			

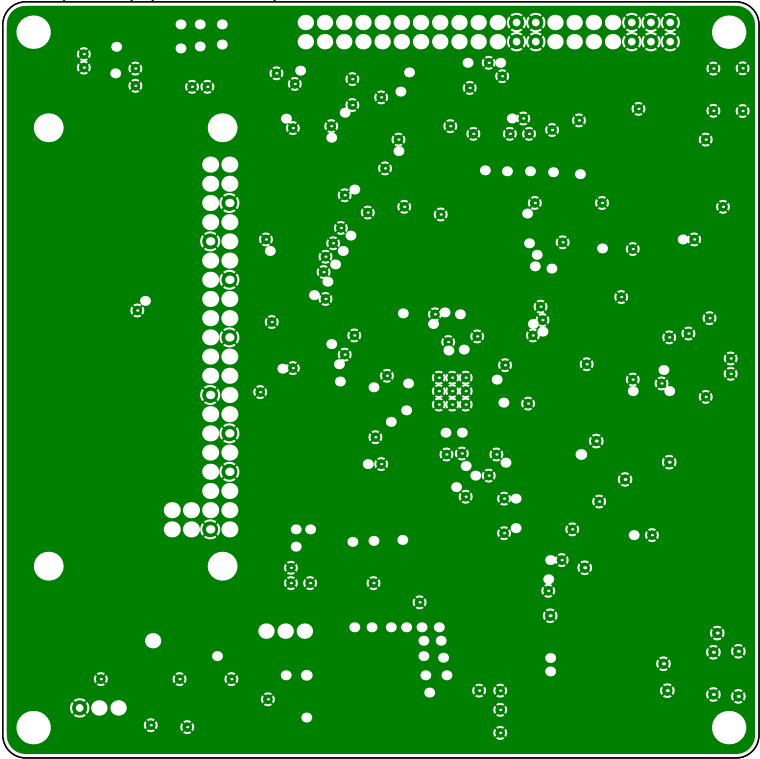
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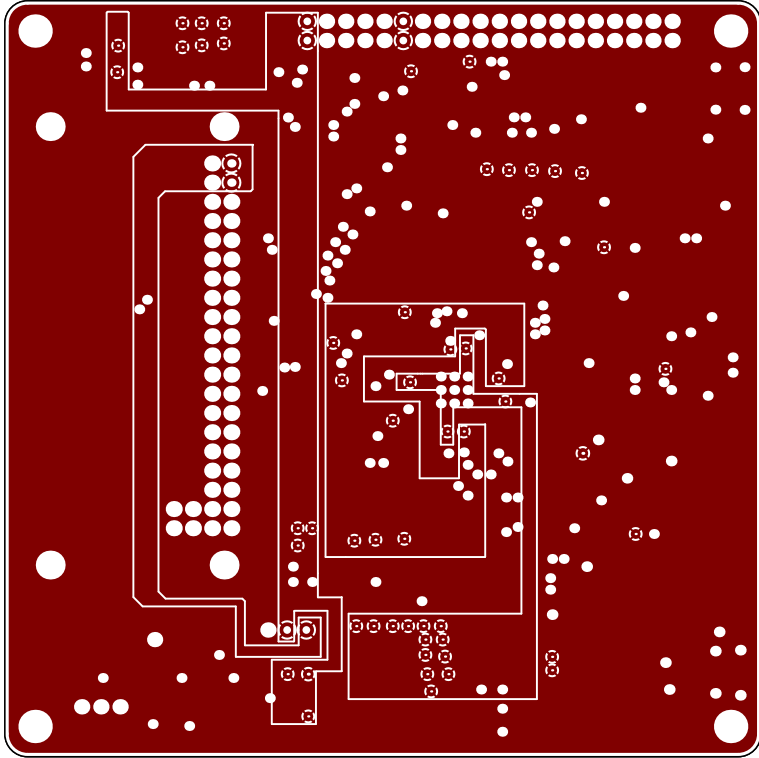
Top Layer (Scale 1:1)



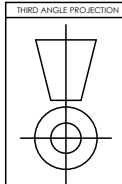
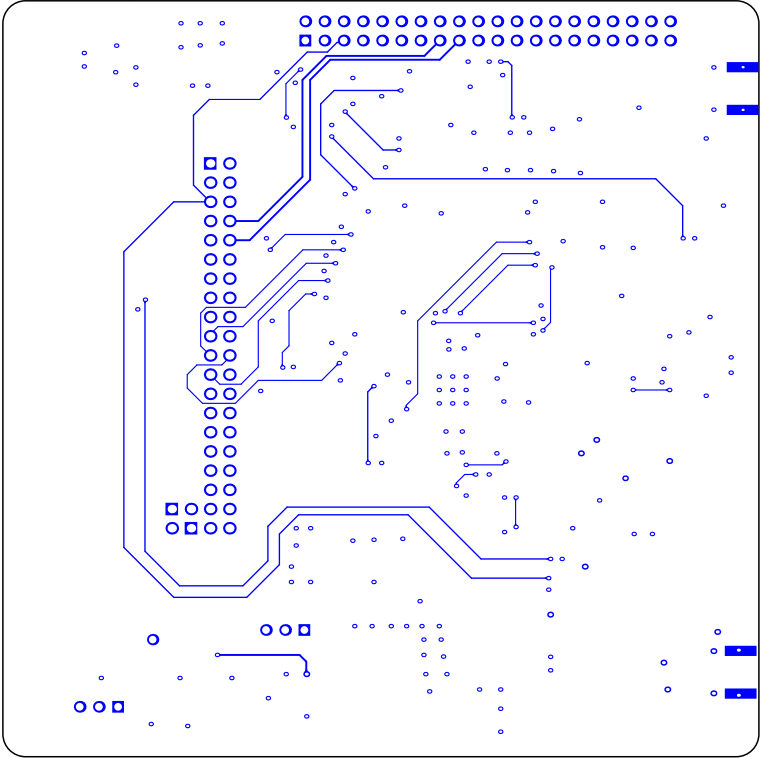
Int1 (GND) (Scale 1:1)



Int2 (PWR) (Scale 1:1)



Bottom Layer (Scale 1:1)

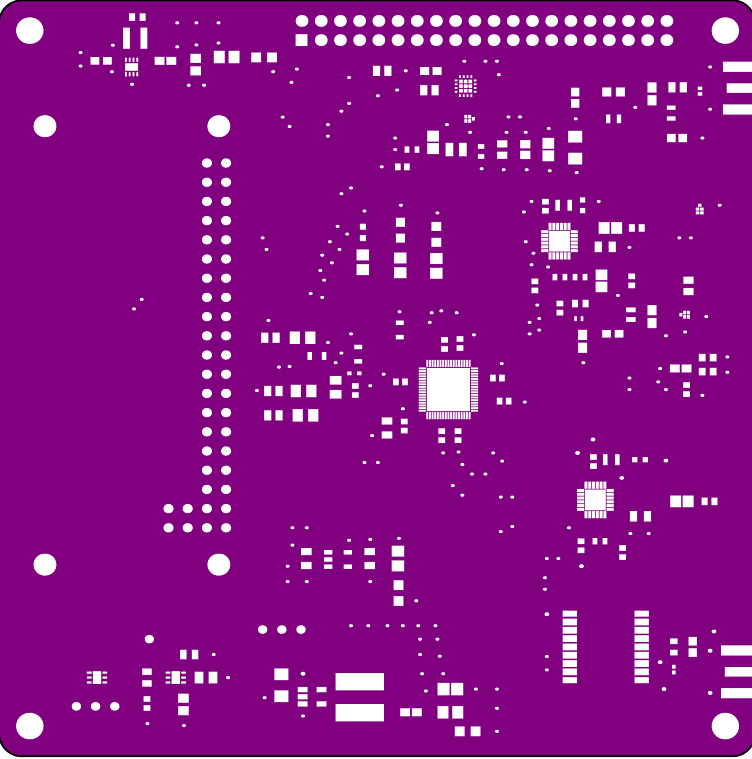


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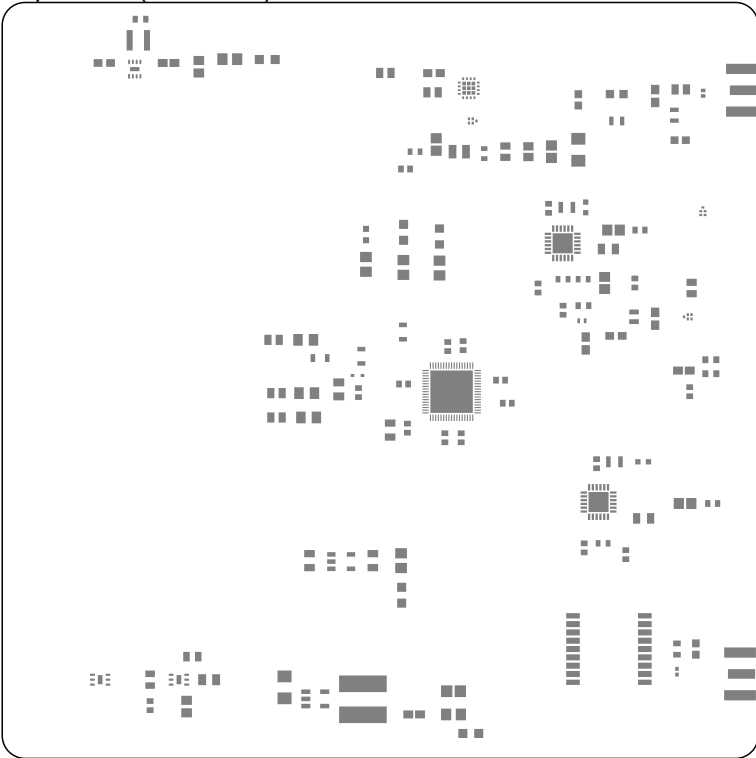
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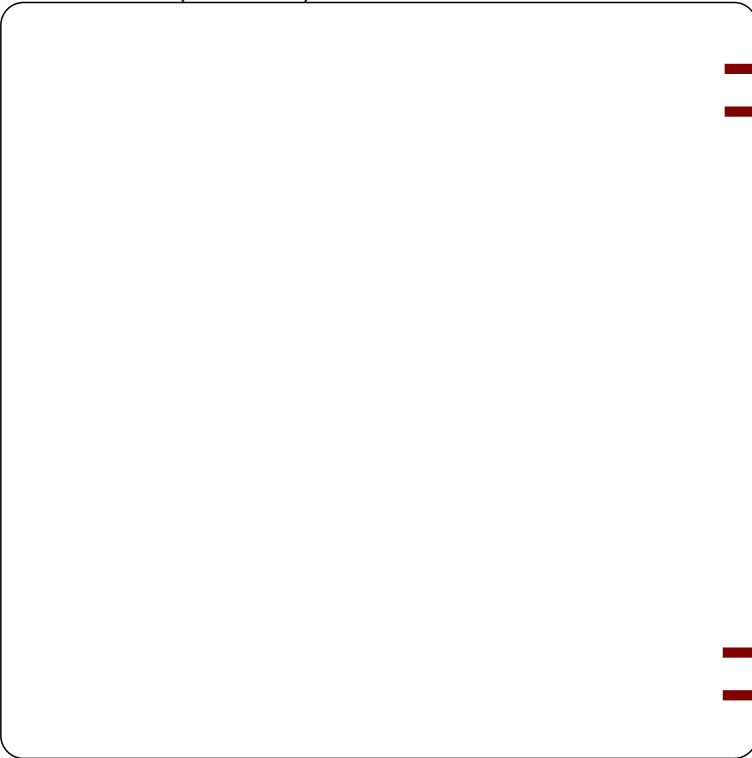
Top Solder (Scale 1:1)




Top Paste (Scale 1:1)



Bottom Paste (Scale 1:1)

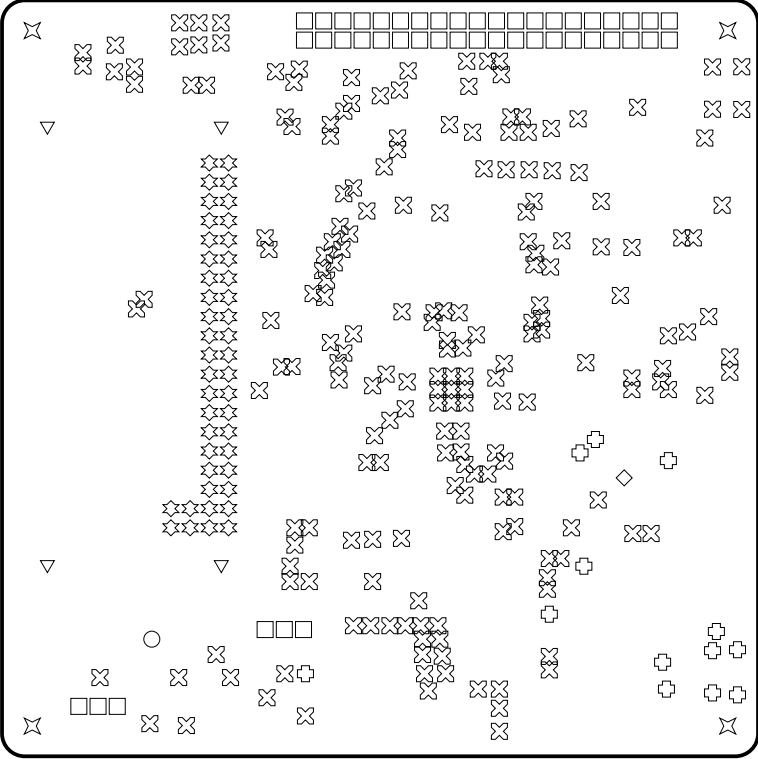


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NEXT ASSY USED ON APPLICATION		PCB DOC: =PCB_DWG_NO		SHEET: 4 OF 6	

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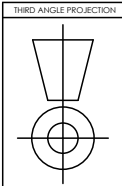
REV STATUS OF SHEETS	REV										REVISIONS				
	SHEET										ZONE	REV	DESCRIPTION	DATE	APPROVED


Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
✕	205	0.30mm	Plated	
◇	1	0.38mm	Plated	
⊕	13	0.40mm	Plated	
○	1	1.00mm	Plated	
□	46	1.02mm	Plated	
☆	44	1.11mm	Plated	
▽	4	2.80mm	Non-Plated	
✕	4	3.40mm	Non-Plated	
318 Total				





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	SHEET										ZONE	REV	DESCRIPTION	DATE	APPROVED

Notes:

- 1 Vias should be untented and unplugged
- 2 There are 298 DRC errors cause of the minimum solder mask sliver (solder bridge) constraint of 0.2mm.

<div>THIRD ANGLE PROJECTION</div> 		PART NO: =PCB_PART_NUMBER		<div>Altium</div> <div>=Address1 =Address2 =Address3 =Address4</div>							
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NEXT ASSY		USED ON		APPLICATION							

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