OPEN CELLULAR REFERENCE BOARD

Cavium CNF7130

PRELIMINARY SCHEMATIC

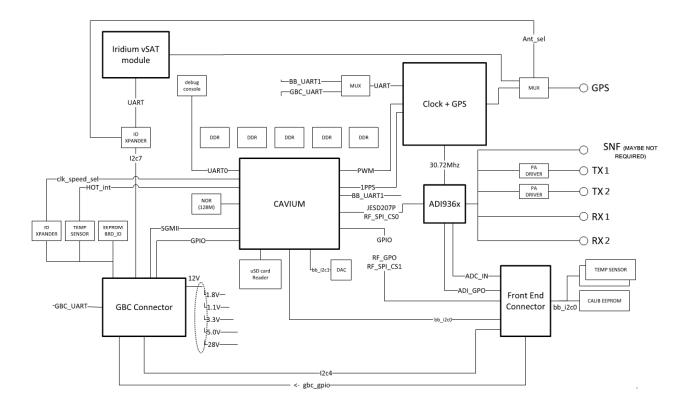
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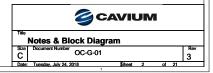
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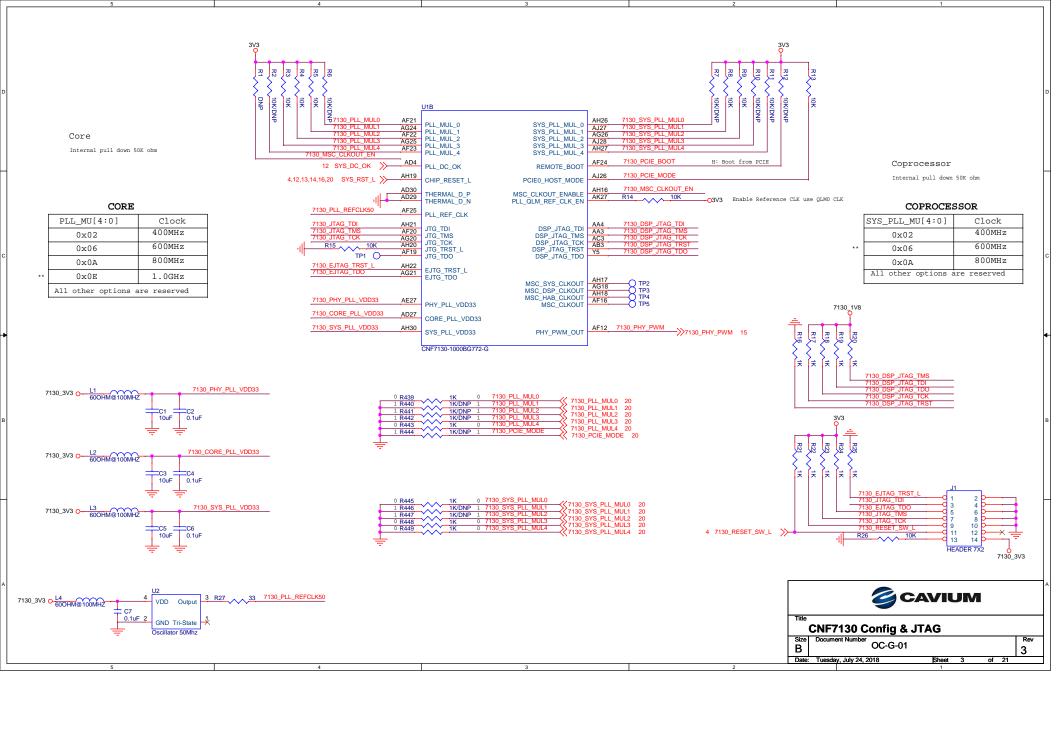
SCAVIUM						
Title						
-	Table of Contents					
Size	Document Number					Rev
В	OC-G-01					3
Date:	Tuesday, July 24, 2018	Sheet	1	of	21	

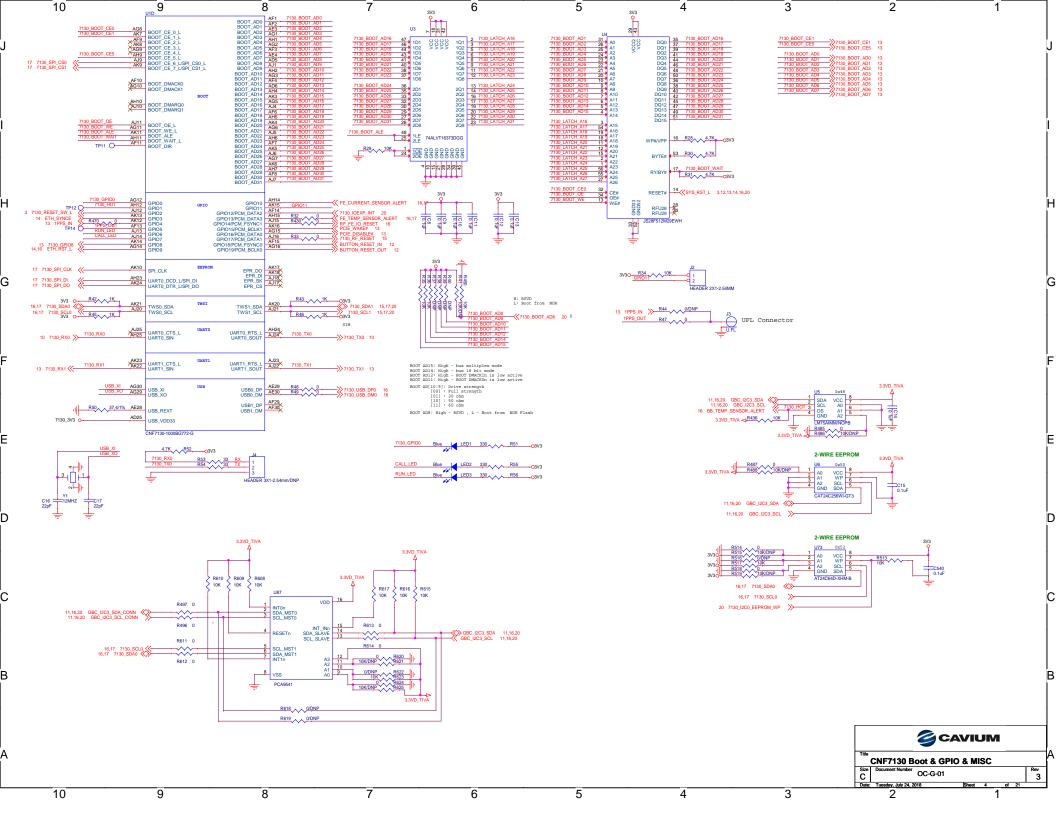
OPEN CELLULAR REFERENCE BOARD BLOCK DIAGRAM

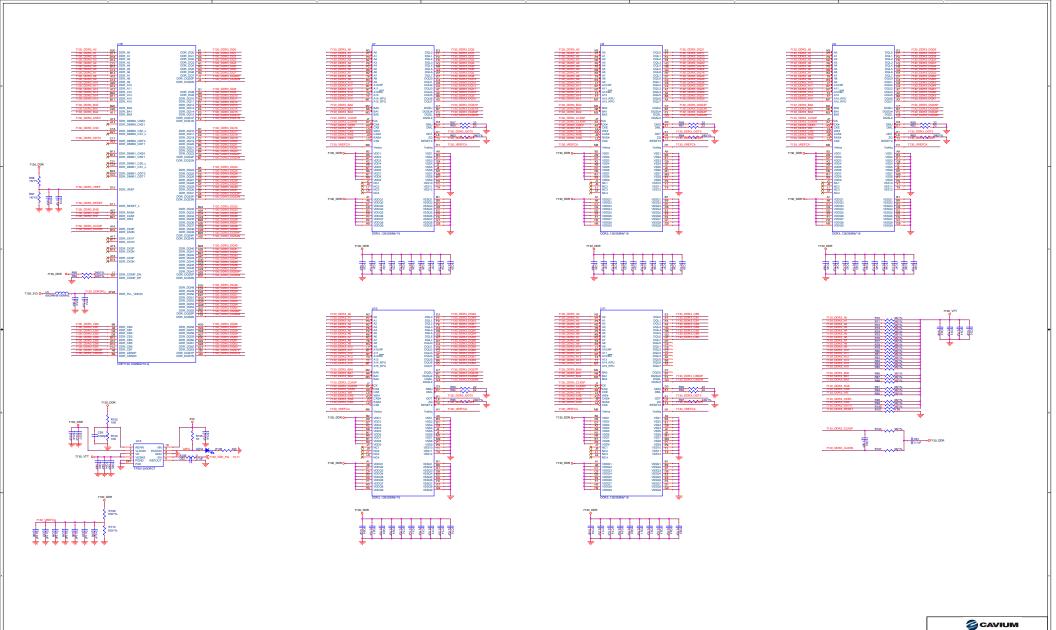


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Revision History:					
Rev	Description	Date	Approved		
1	Preliminary Release	2017/05/26			
2	DNP R447, R44 Add R9,R471,R489,R490,R491, R492 to 10K ohm Change C419,C427,C530,C532 to 33pF DNP C534,C535,C531,C533,U57,U5 Change L47,L50 partnumber Change J13,115,116,J17 to J-FL Add R470,R472,R473,R474, R475,R476,R476,R473,R474, R475,R476,R476,R475,R476,R475,R476,R476,R476,R476,R476,R476,R494,R494, R484,R485,R487,R493,R494, R495,R314,R321 to 0 ohm	2017/08/03			
2	R42,R43,R45,R46 change to 3K01 DNP J10 C453,C454,C463,C464,C465 change to 22uF/35V/1206	2017/08/30			
2	DNP J26,J27,J28,J29 ,U45 Change L51,L48 to 0 ohm Add R274, R275 0 ohm	2017/09/06			
3	Add R496,R497,R498,R512 0 ohm Add R513-R519,U73,C540 Add R500-R511 DNP R417,C233,U22,U23,R441				
3	Add C566,C567 Add R525 Add U80 U81 Change J19 to J31 Add R526-R551,R552-R555 delete C444,C445,C446,R524 Change R42,R45 to 1K		2018/05/10		
3	Delete R306,C391,C395,C397,R305 Change R300 to 43K Change R303 to 27K Add U82,U83 Change U53 to ADP1755 Add R556,R557,R558,R559,C568,R DNP R542,R543		2018/06/08 32		

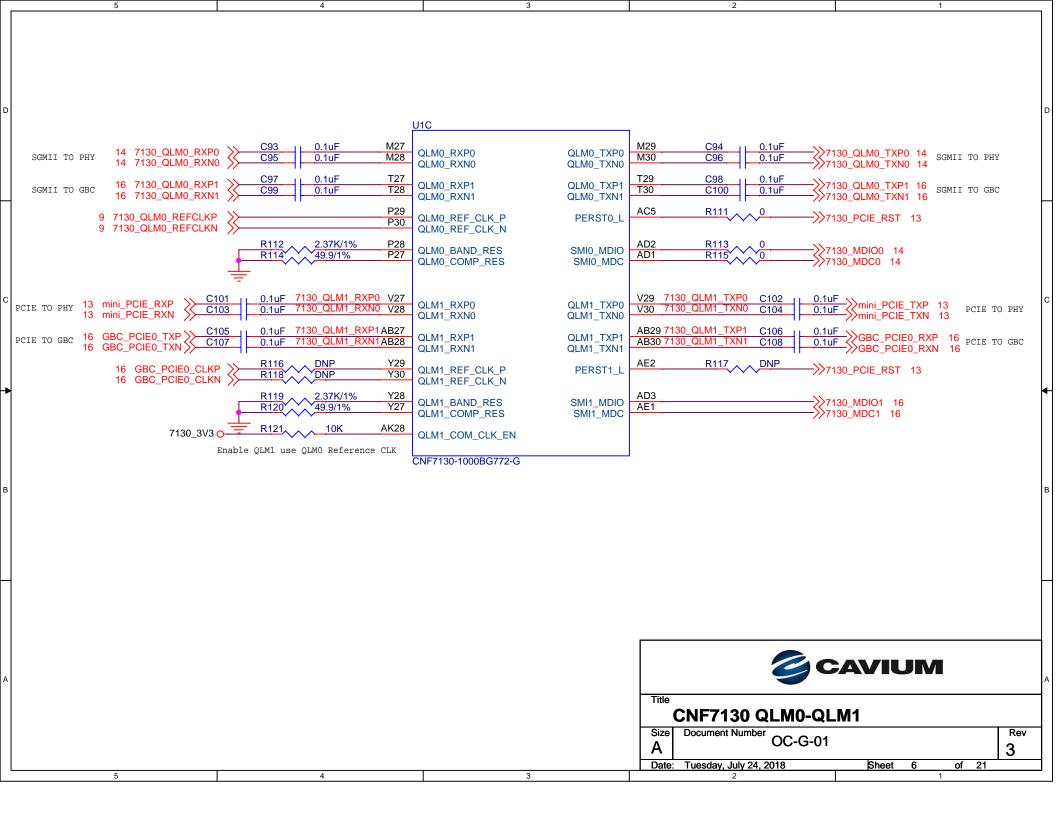


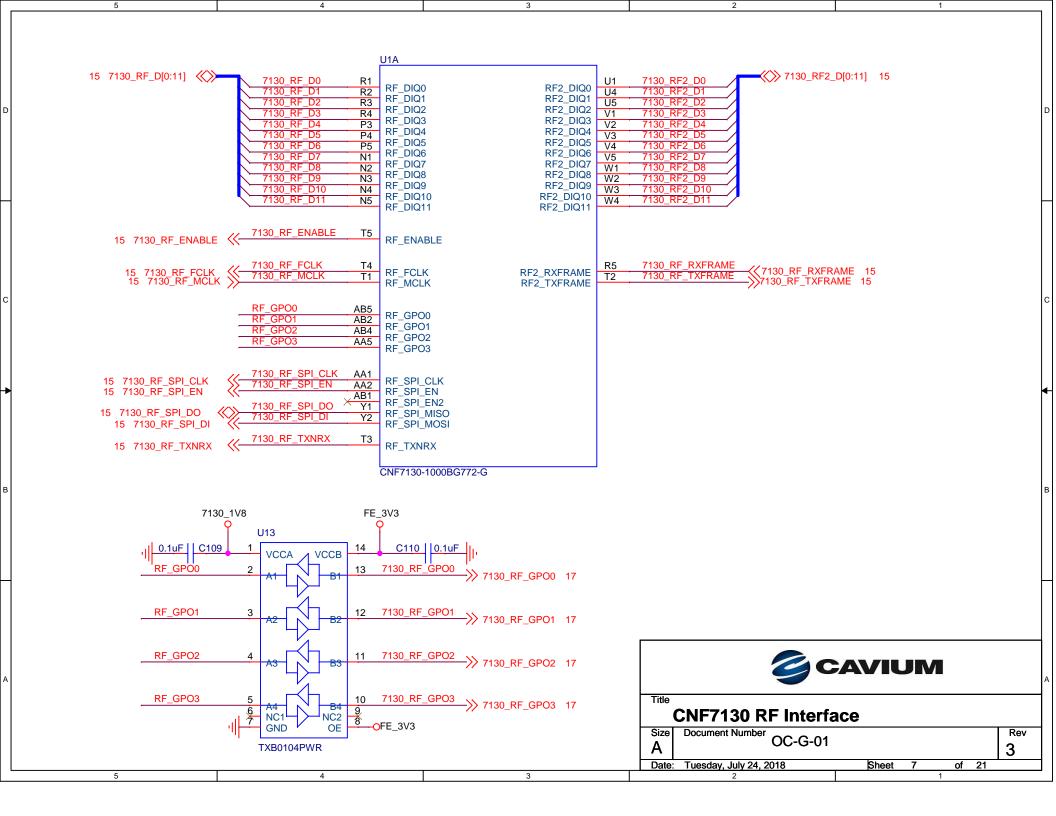


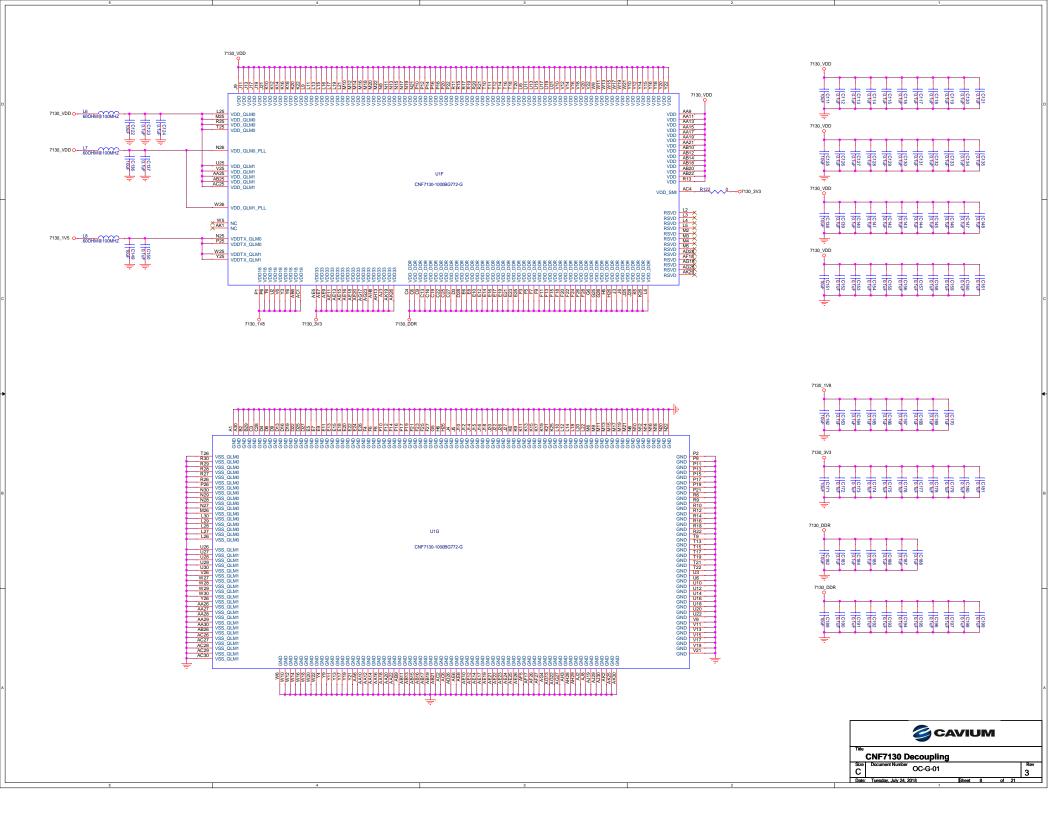


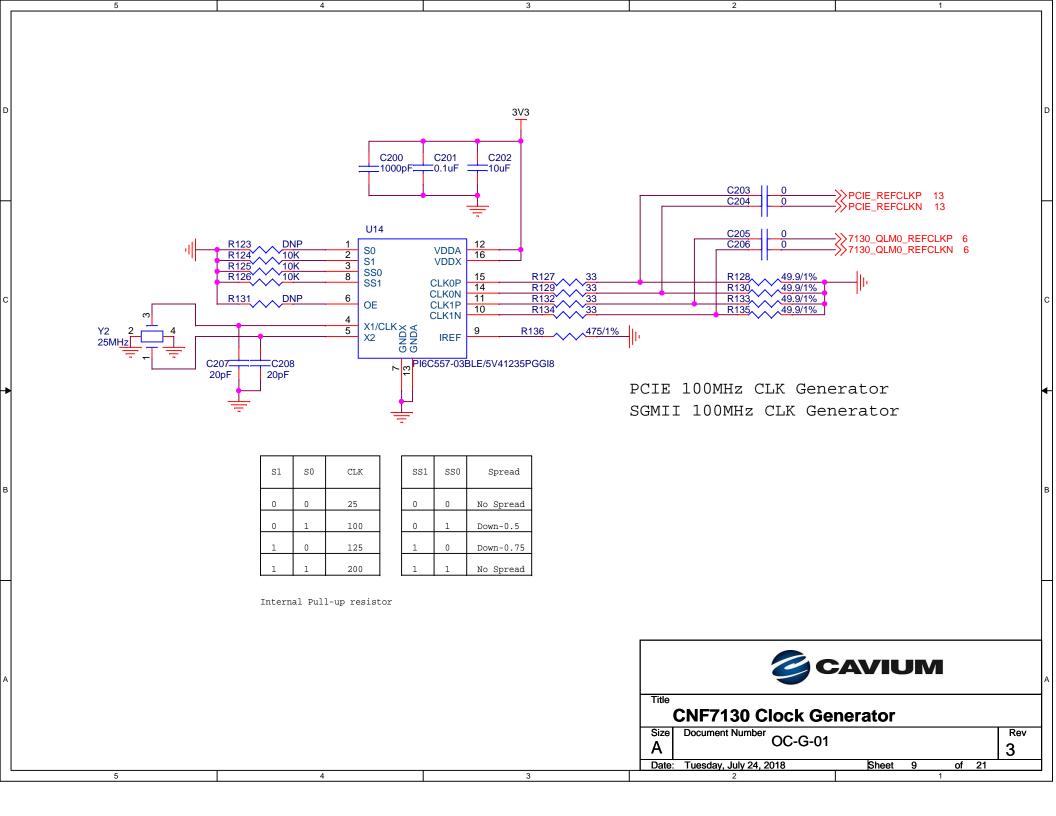


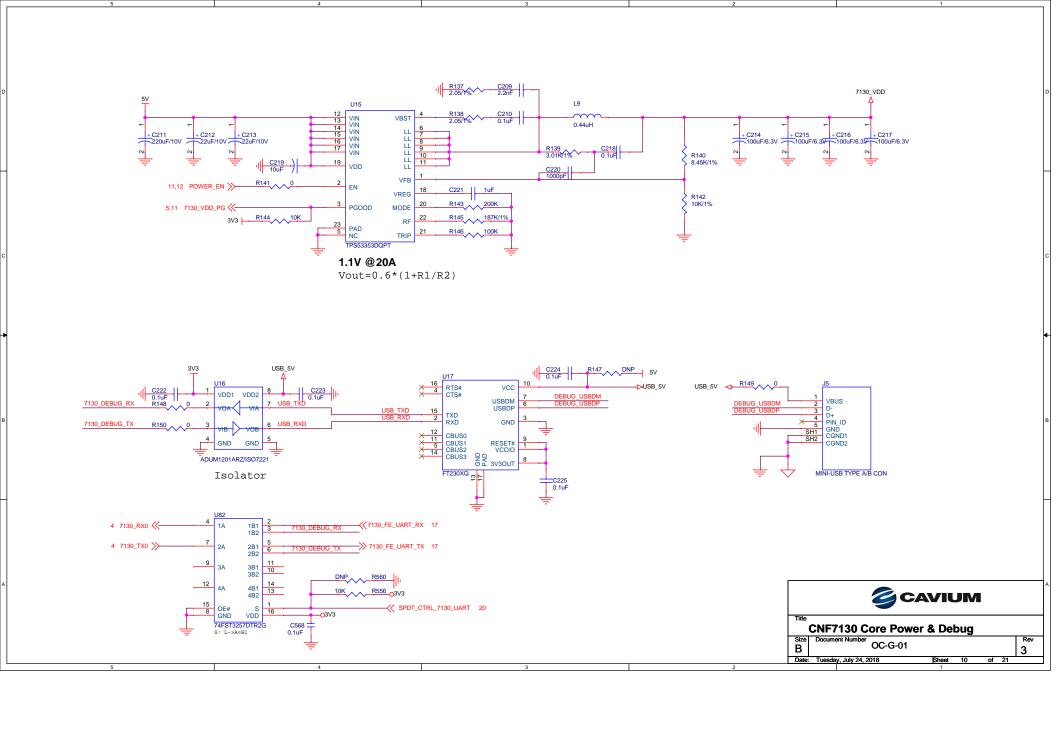
CNF7130 DDR3
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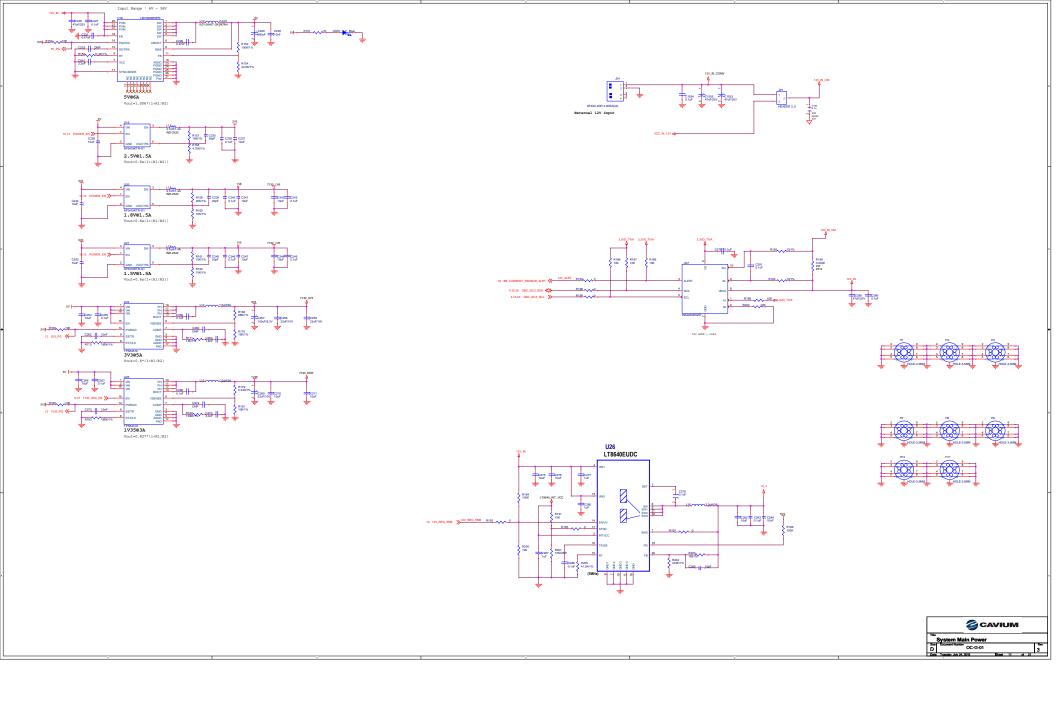


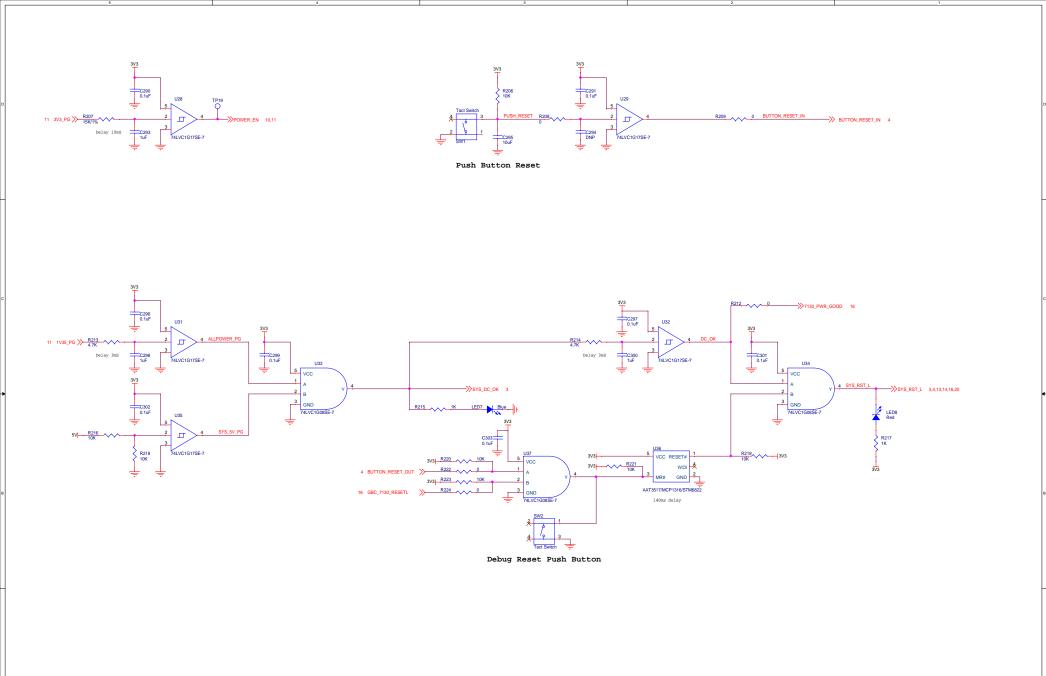


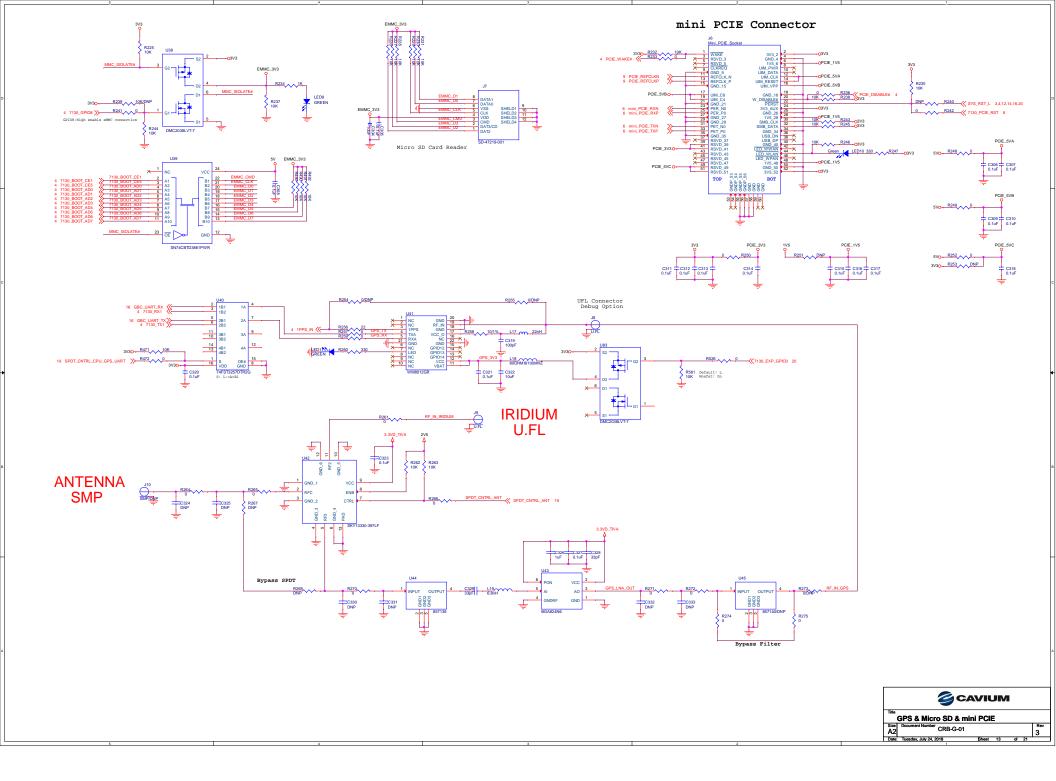


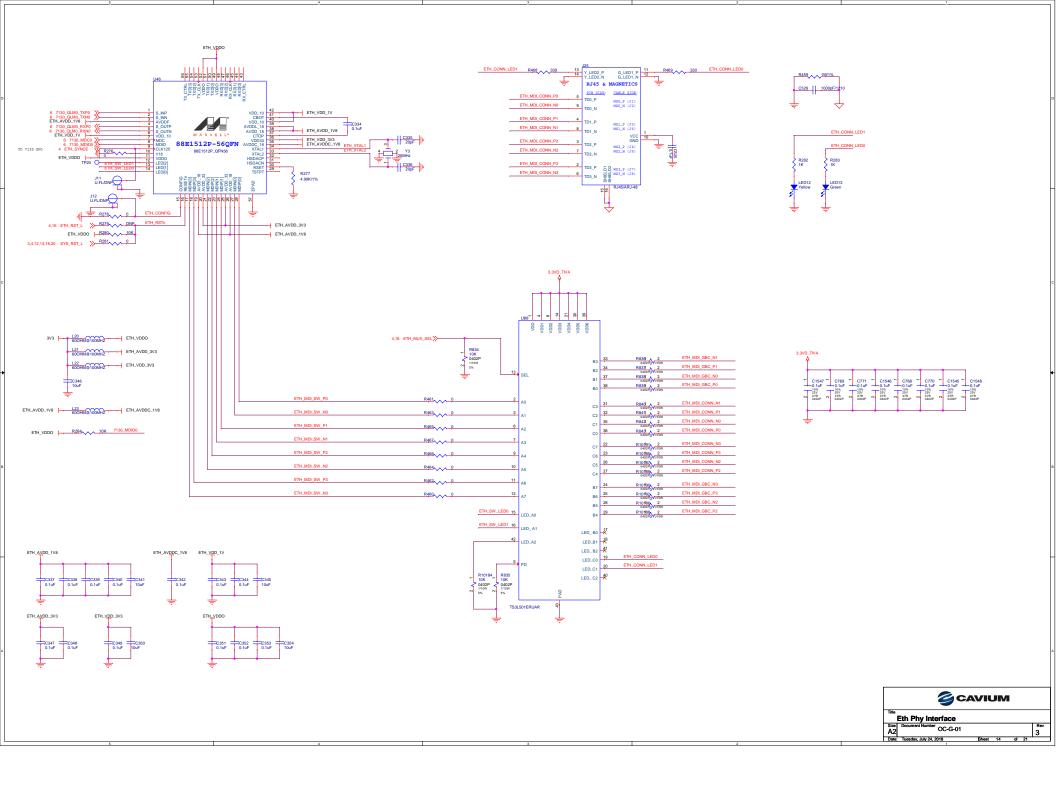


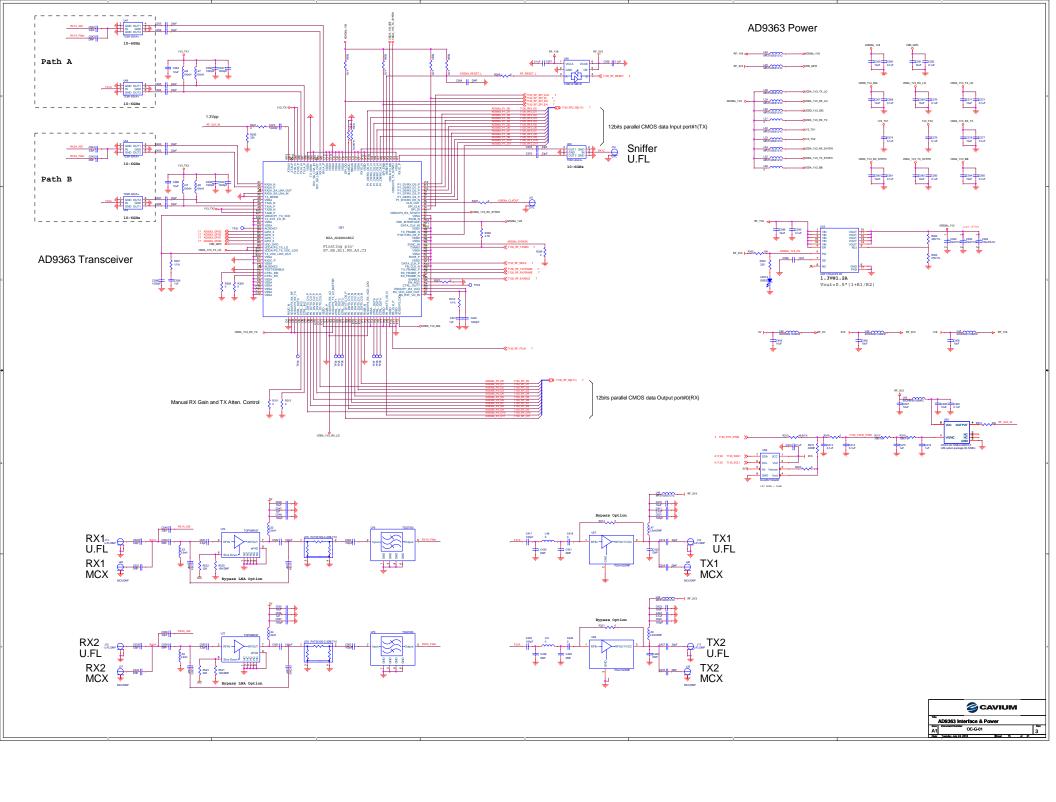


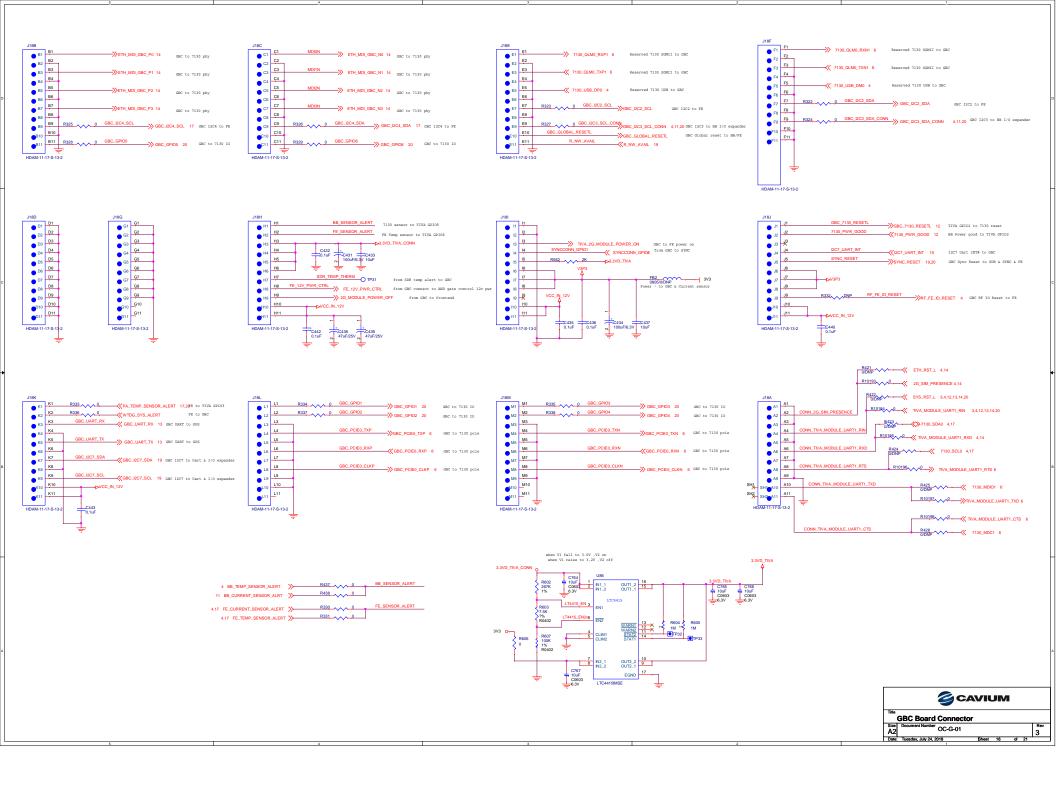




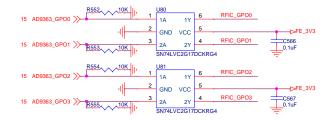


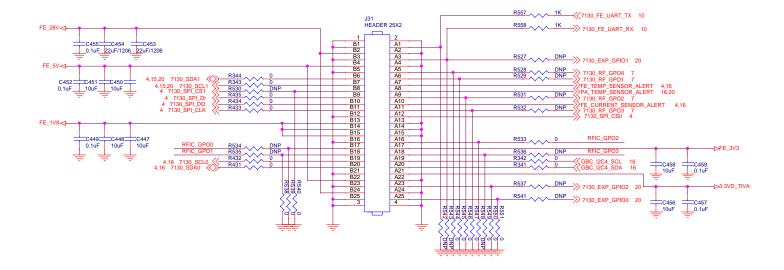




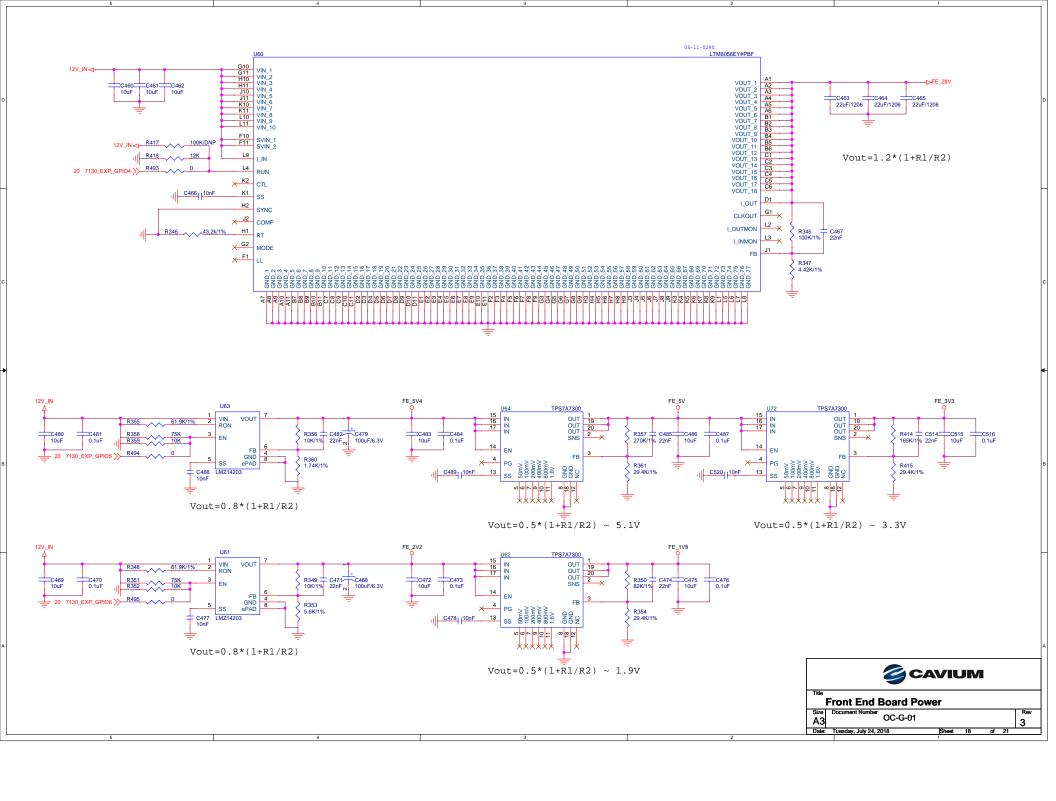


Front End Board Connector

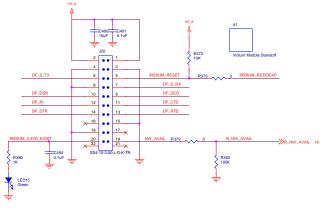


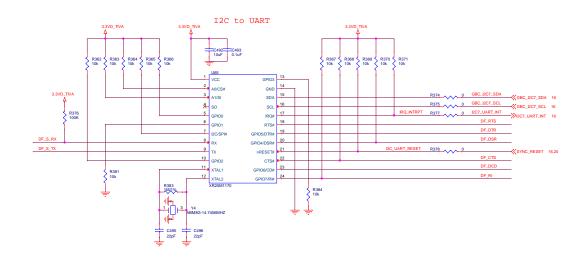


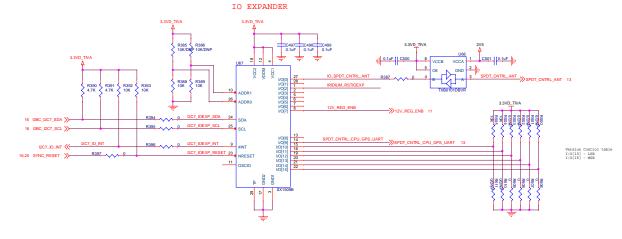


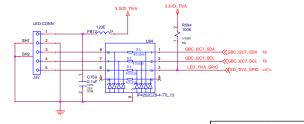


IRIDIUM CONNECTOR



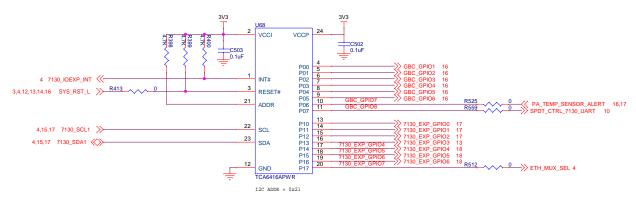




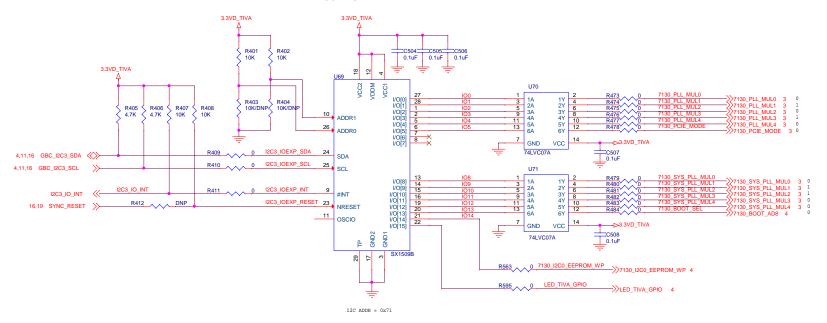




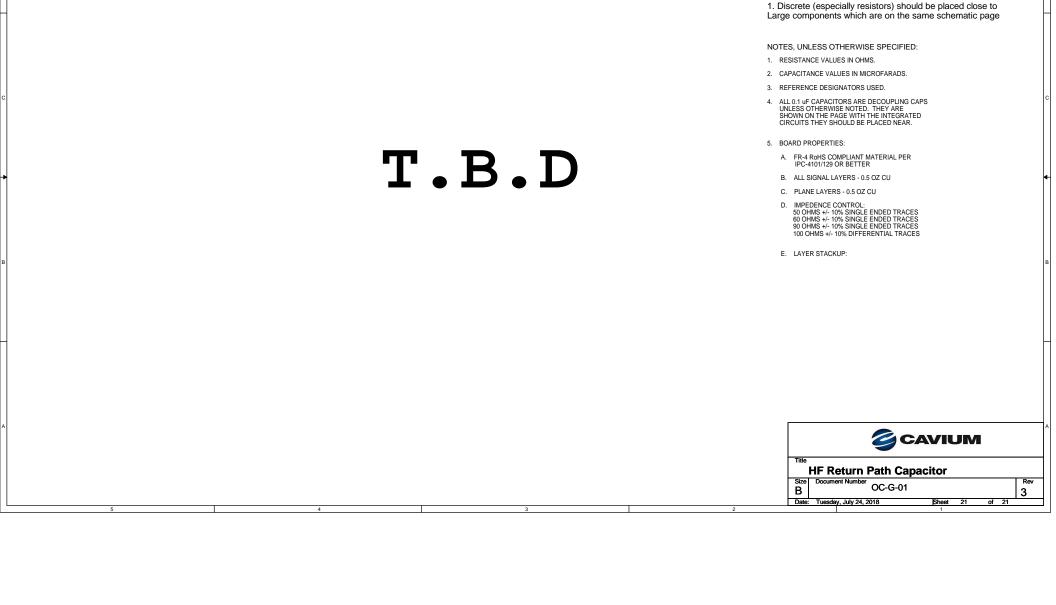
7130 IO EXPANDER



12C3 IO EXPANDER







Layout Notes: