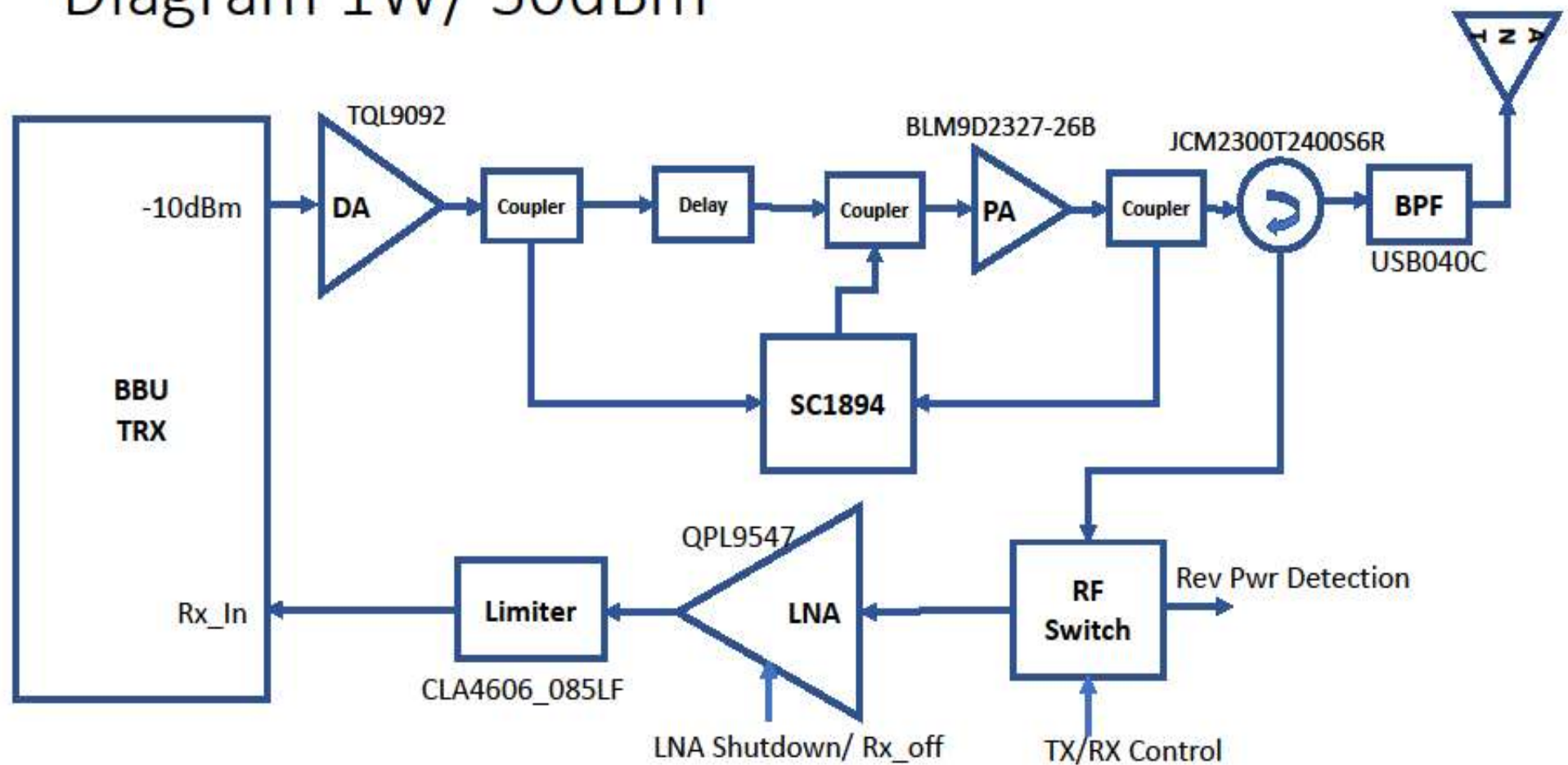
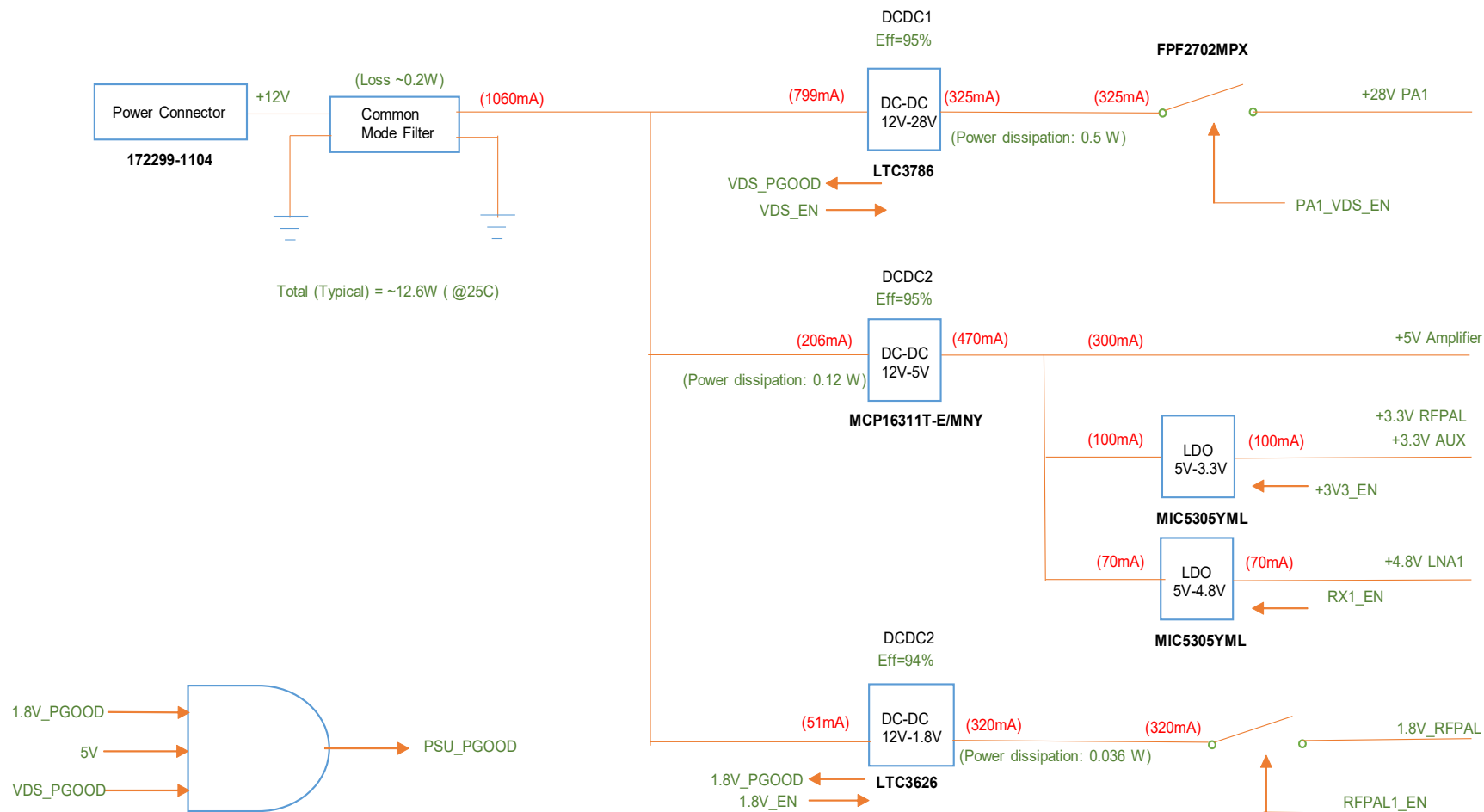


TABLE OF CONTENTS																																												
SHEET NUMBER	SHEET NAME																																											
1	INDEX PAGE	<table><tr><th colspan="4">REVISION HISTORY</th></tr><tr><th>DATE</th><th>VERSION</th><th>UPDATED BY</th><th>REMARKS</th></tr><tr><td>17 JUL 2020</td><td>0.1</td><td></td><td>REV A RELEASE</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>			REVISION HISTORY				DATE	VERSION	UPDATED BY	REMARKS	17 JUL 2020	0.1		REV A RELEASE																												
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17 JUL 2020	0.1					REV A RELEASE																																						
2	BLOCK DIAGRAM																																											
3	POWER TREE																																											
4	POWER_SECTION																																											
5	TX_PATH-DRIVER_ATTN																																											
6	TX_PATH-PA																																											
7	RX_VSWR_PATH																																											
8	PA_LIN_CIRCUIT																																											
9	PA_CONTROL_CIRCUIT																																											
10	BOARD_BOARD_CONNECTOR																																											

CBRS 2.3G to 2.4GHz (B40) TDD FE Block Diagram 1W/ 30dBm



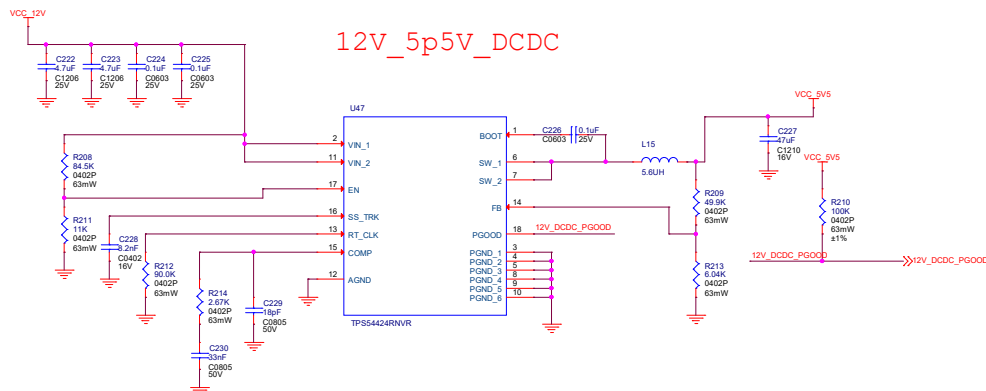
LTE_GEN2_BAND40_RF_FRONT_END_POWER_TREE



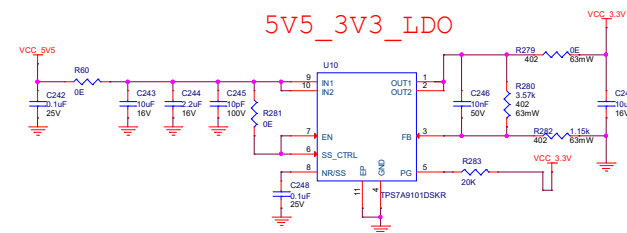
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File	POWER_TREE		
Size	Document Number	Rev	
A2	<Doc>	0.6	
Date:	Thursday, January 21, 2021	Sheet	3 of 11

POWER_SUPPLY_SECTION_1

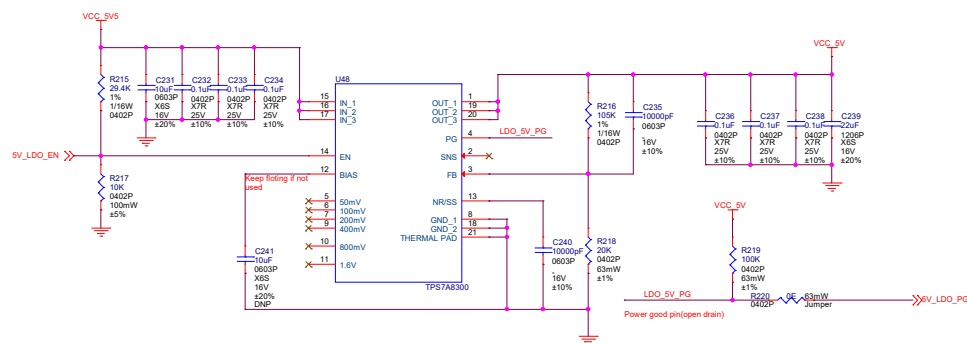
12V_5p5V_DCDC



5V5_3V3_LDO



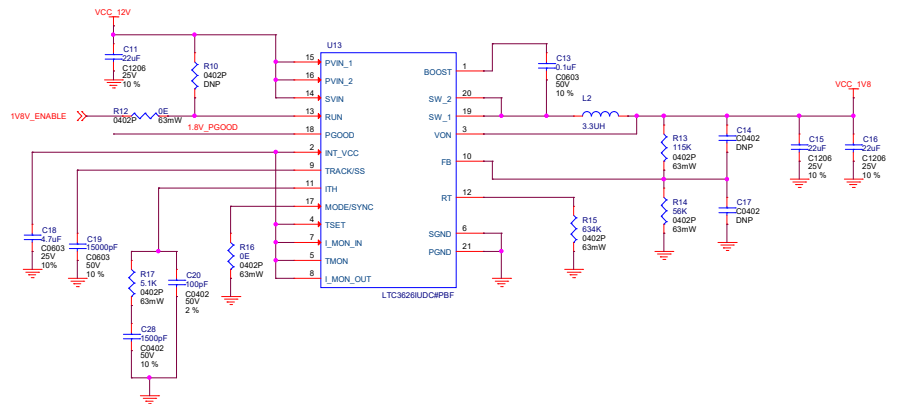
5.5V TO 5V POWER SUPPLY



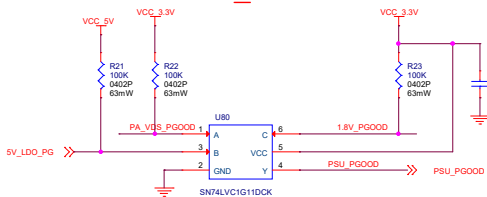
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Date	Thursday, January 21, 2021	Sheet	4 of 11

POWER_SUPPLY_SECTION_2

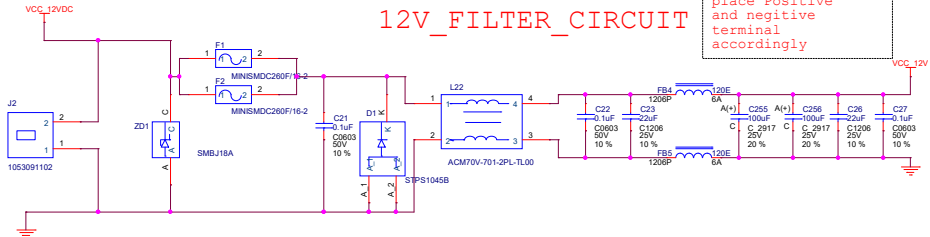
12V_1V8_DCDC



PSU_PGOOD

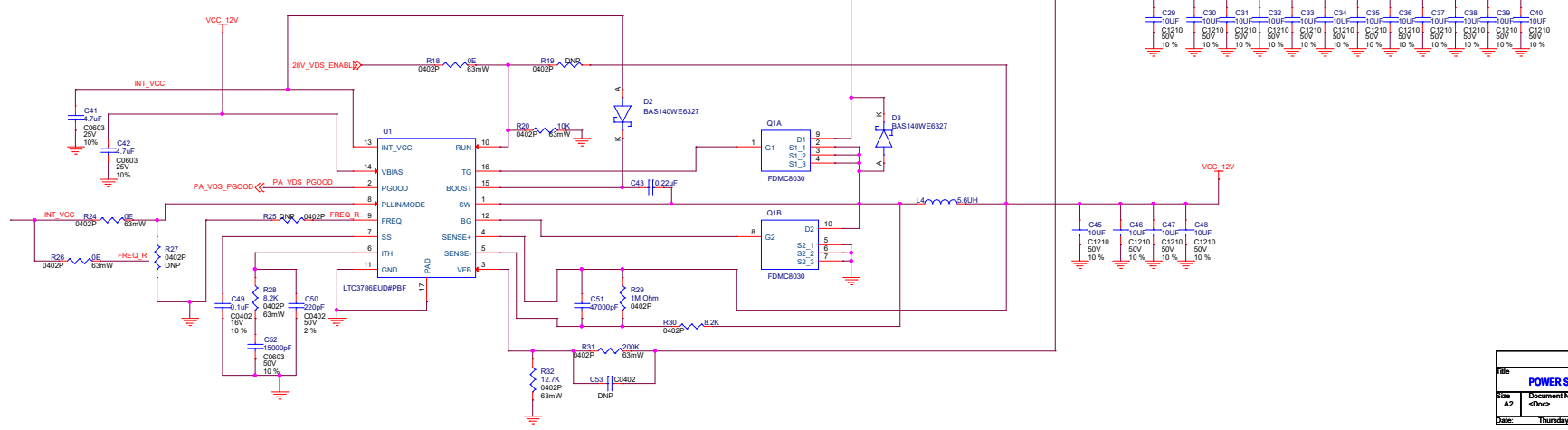


12V_FILTER_CIRCUIT



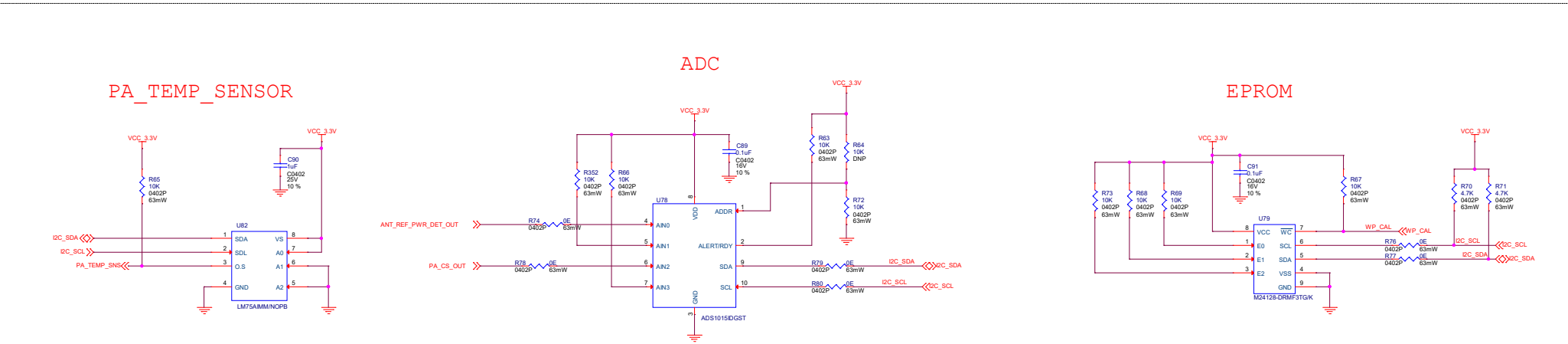
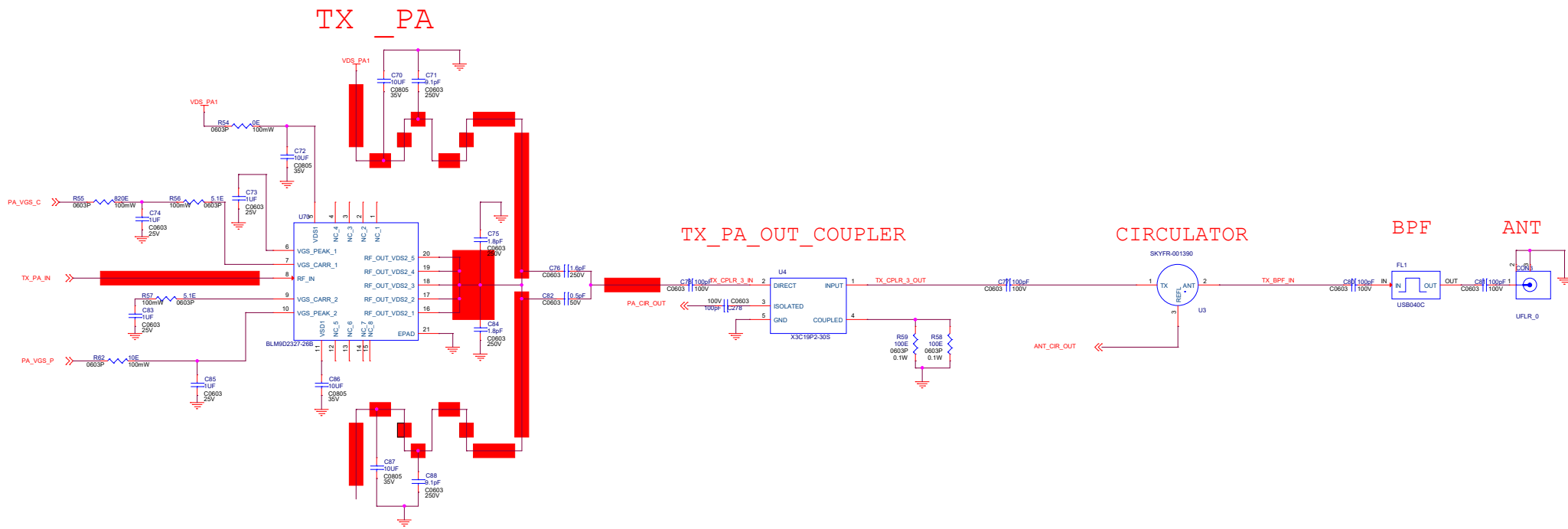
C255 and C256 are Tantalum capacitors please place Positive and Negative terminal accordingly

12V_28V_DCDC_PA



FEMA-RFFE		
File	POWER SECTION-2	
Size	Document Number	Rev
A2	<Doc>	0.8
Date:	Thursday, January 21, 2021	Sheet 5 of 11

TX PATH- PA SECTION



FEMA-REFE			
TX_PA_PATH			
Size	Document Number	Rev	
A2	2000	0.8	
Date	Thursday, January 21, 2021	Sheet	7 of 11

RX_VSWR_PATH

VSWR POWER MONITOR

REF PWR DET

PI PAD

TRX_SWITCH

CTRL	ANT-TX	ANT-RX
0	OFF	ON
1	ON	OFF

RX_OUT

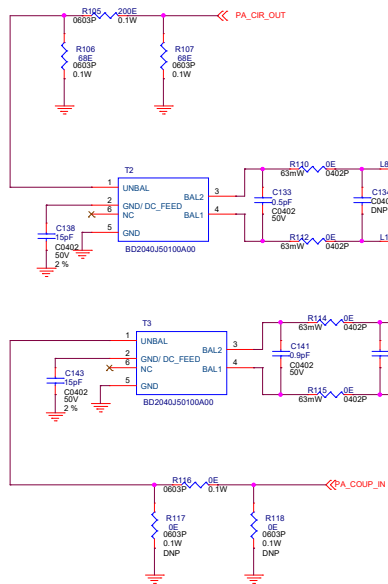
0 dB PAD

RX_LNA

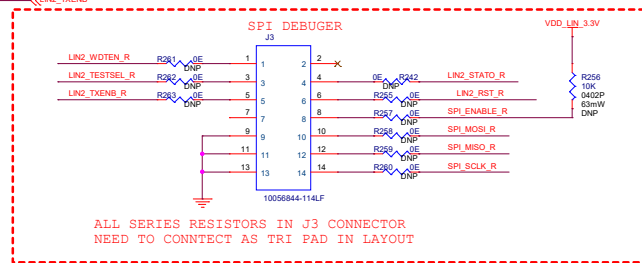
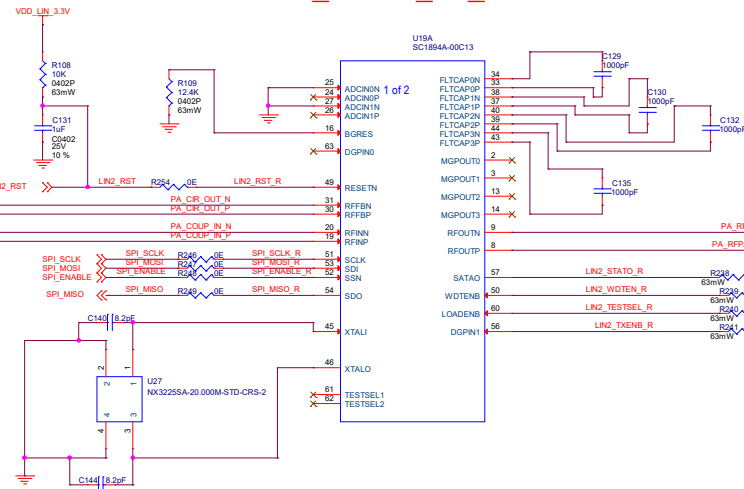
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Title			
RX_VSWR_PATH			
Size A2	Document Number <Doc>		Rev 0.6
Date:	Thursday, January 21, 2021	Sheet	8 of 11

TX PATH-PA_LIN_CIRCUIT

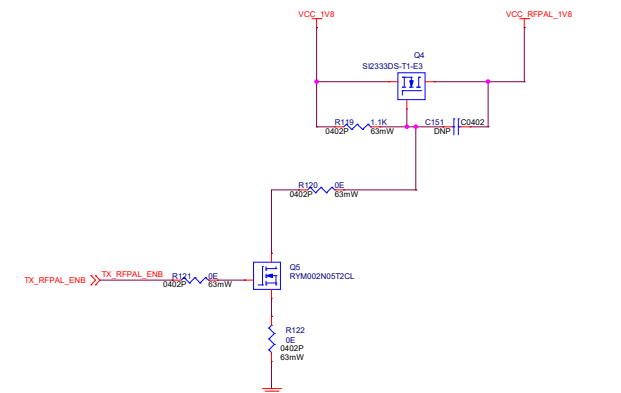
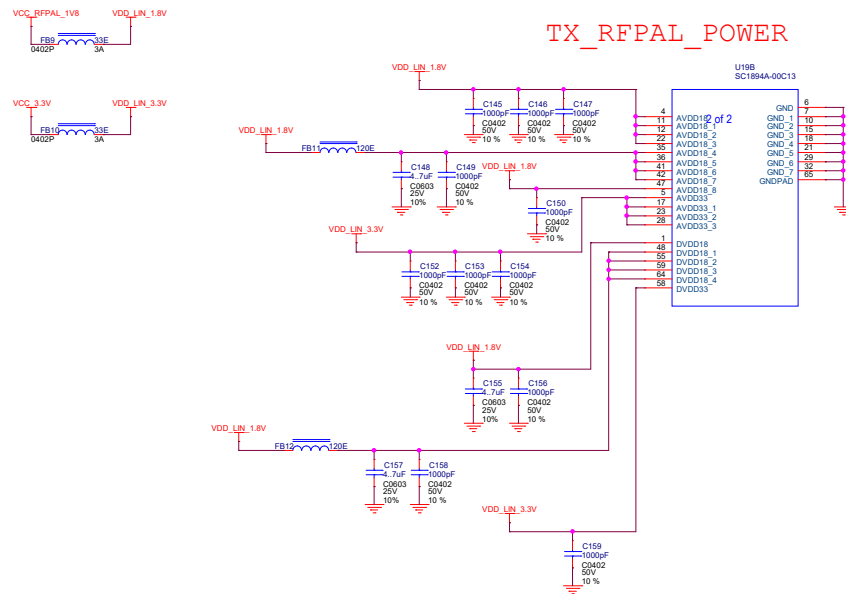
PI PAD-18dB



TX RFPAL RF CNTRL

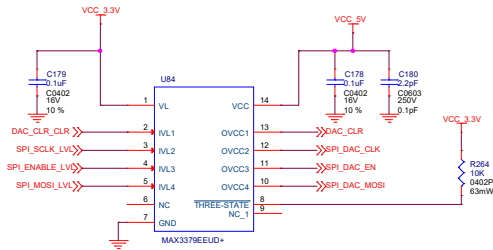


TX RFPAL POWER

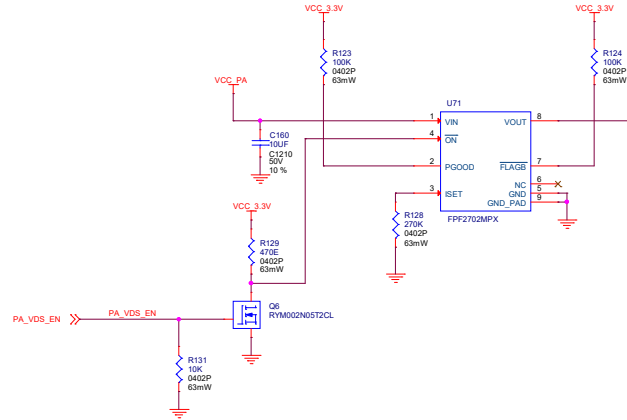


PA CONTROL SECTION

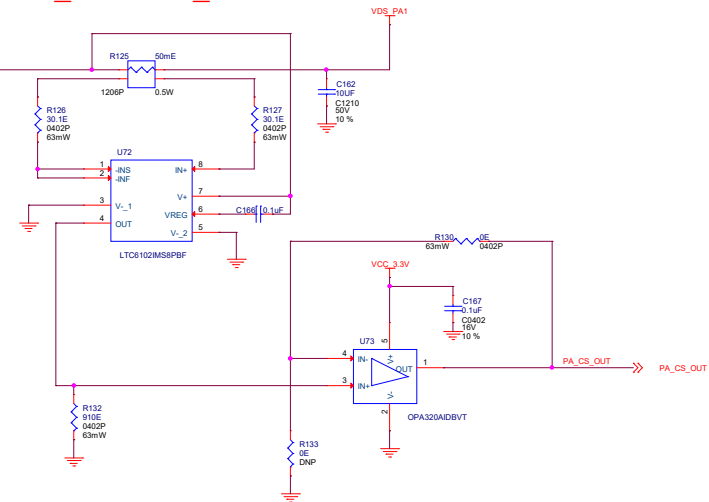
SPI_LEVEL_SHIFTER



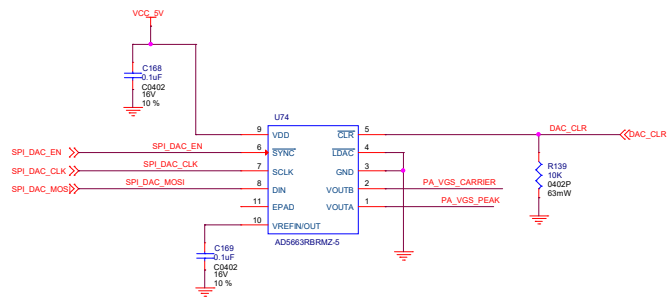
PA_28V_POWER_SWITCH



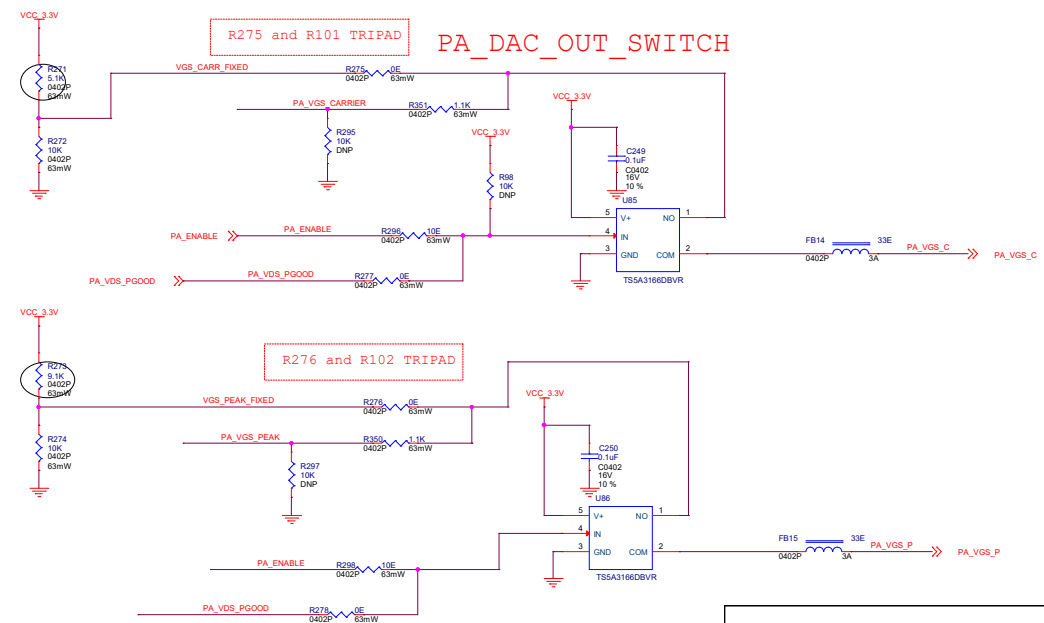
PA_CURRENT_SENSOR



PA_DAC

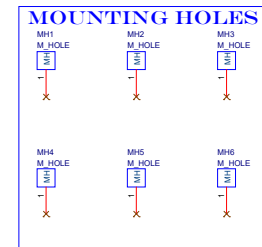
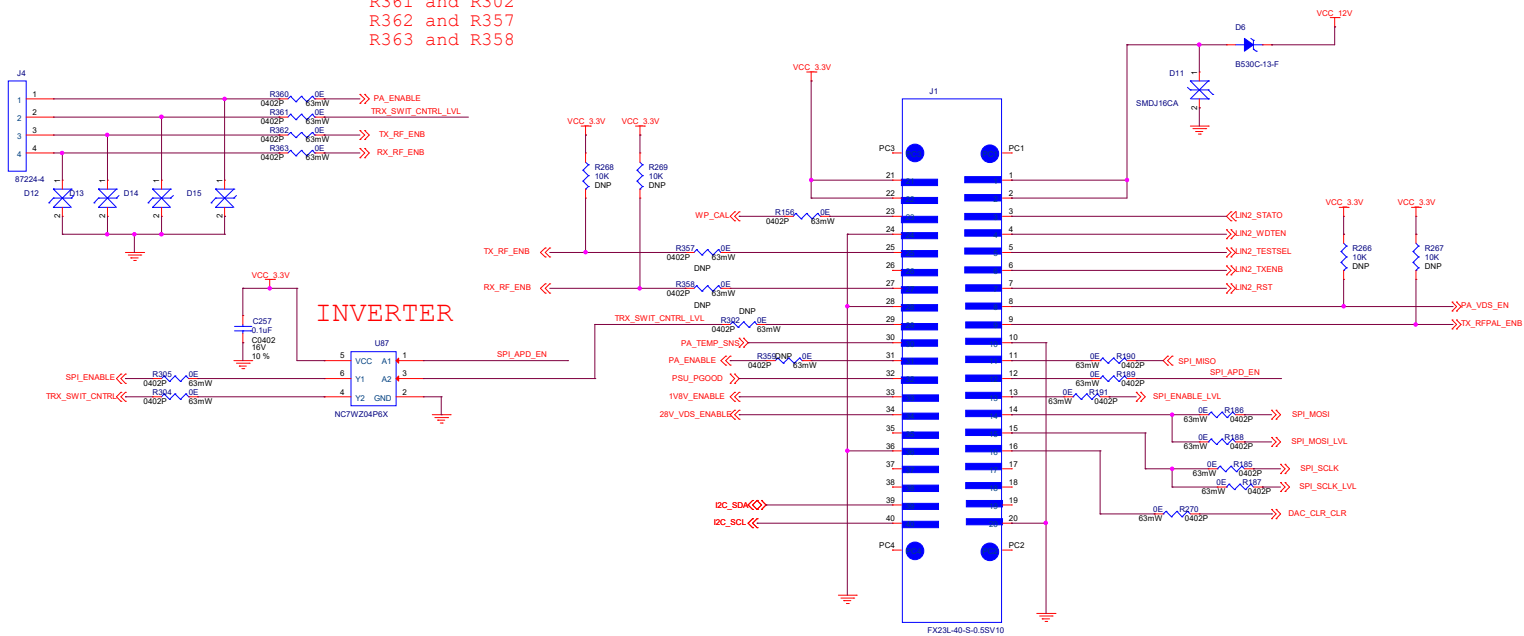


PA DAC OUT SWITCH



FEMA_BOARD_BOARD_CONNECTOR

TRI pad Options;
R359 and R360
R361 and R302
R362 and R357
R363 and R358



FEMA-RFFE			
File	BOARD_BOARD_CON		
Size	Document Number	Rev	0.6
A2	<Doc>		
Date:	Thursday, January 21, 2021	Sheet	11 of 11