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REVISION HISTORY

DATE	VERSION	UPDATED BY	REMARKS
12 AUG 2020	0.1		REV A RELEASE

FEMA-RFFE

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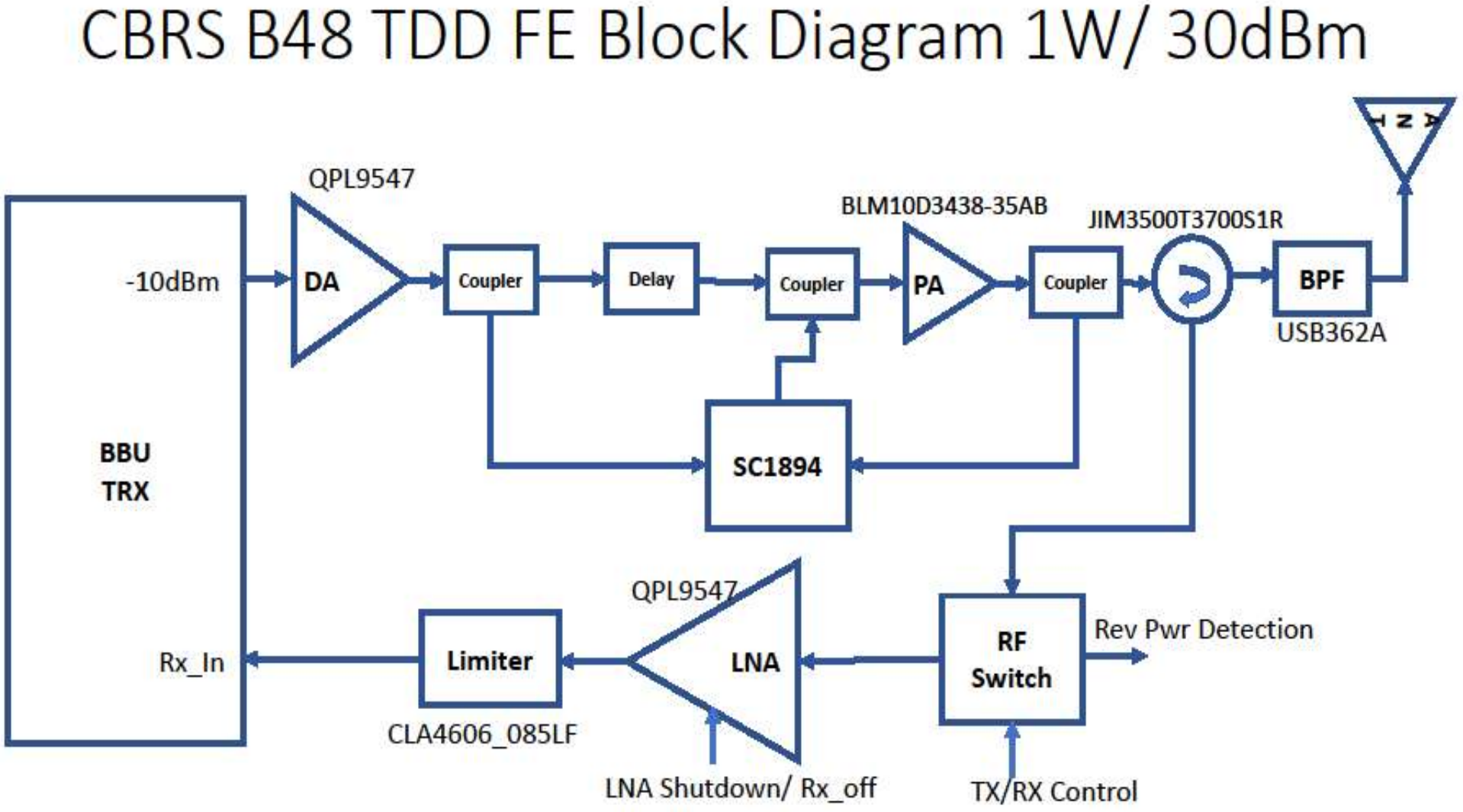
BLOCK_DIAGRAMNEED TO UPDATE



Title	FEMA-RFFE	
	BLOCK DIAGRAM	
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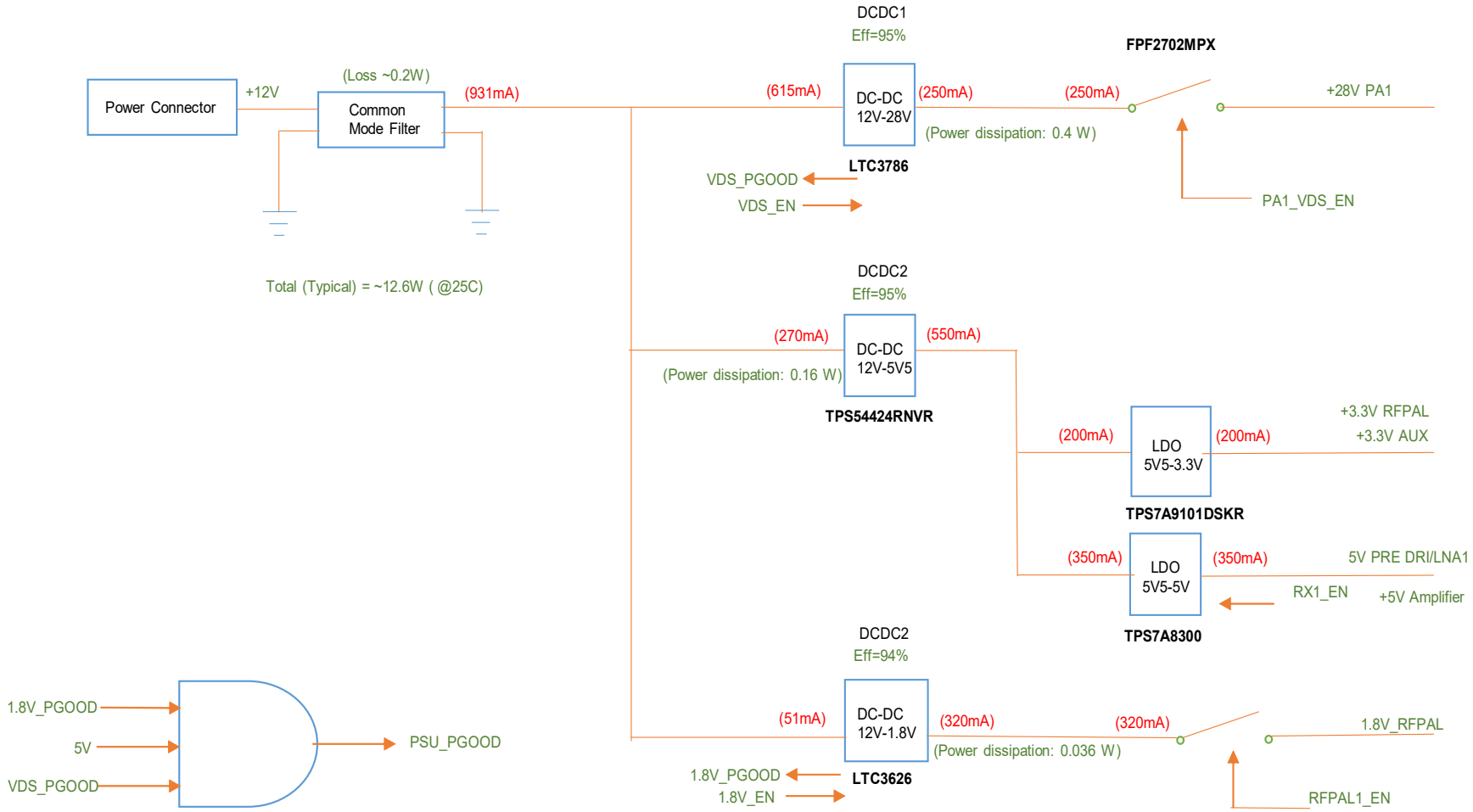
POWER_TREE



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	POWER_TREE	
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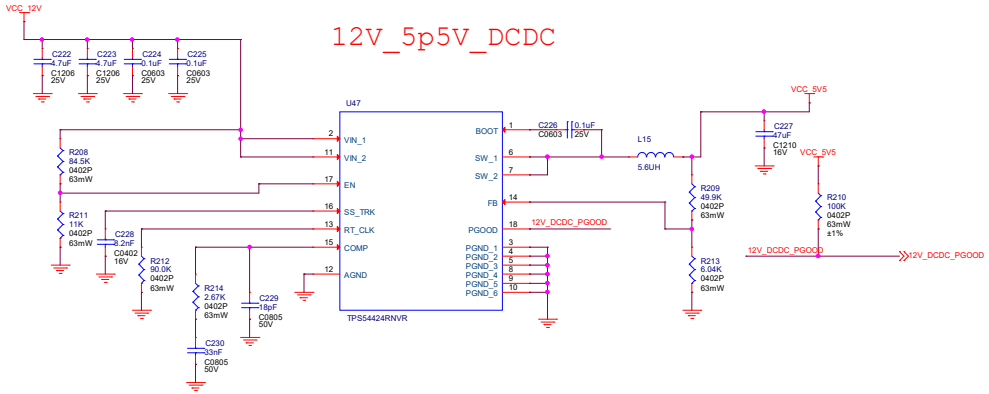
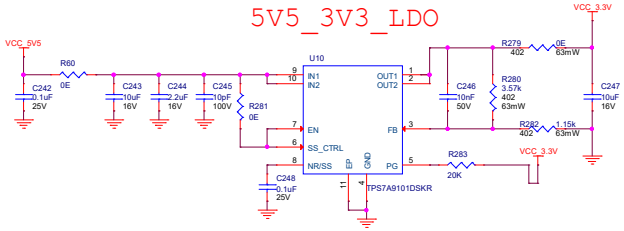
POWER_SUPPLY_SECTION_1

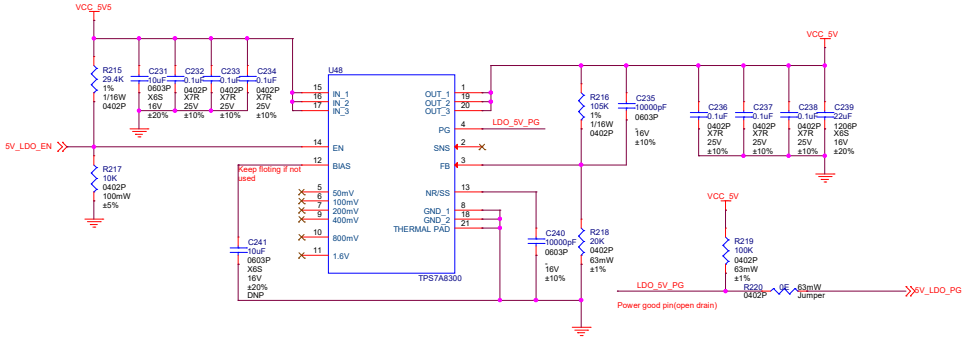
12V_5p5V_DCDC



5V5_3V3_LDO



5.5V TO 5V POWER SUPPLY



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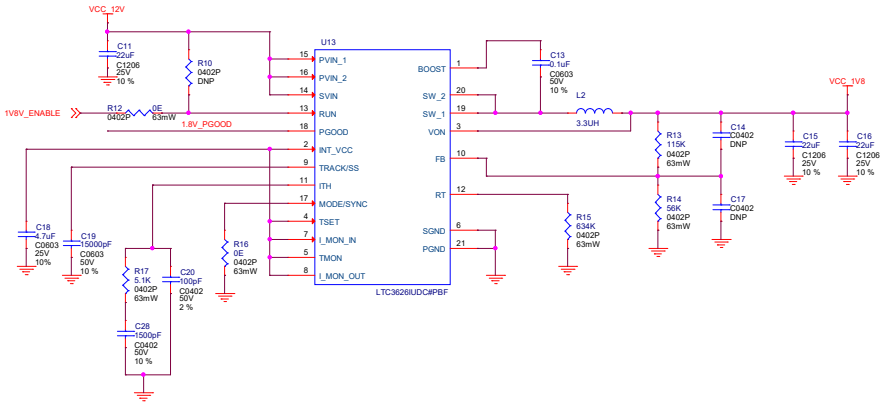
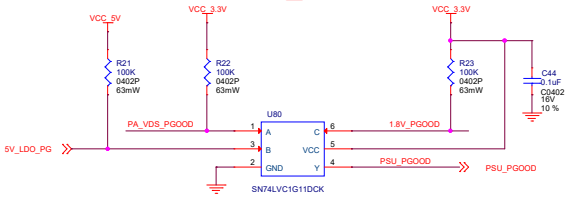
POWER_SUPPLY_SECTION_2

12V_1V8_DCDC

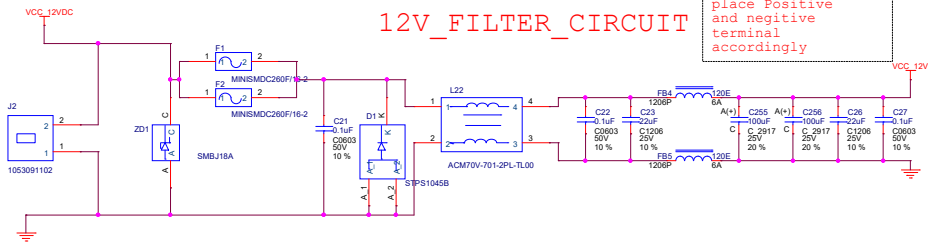


PSU_PGOOD

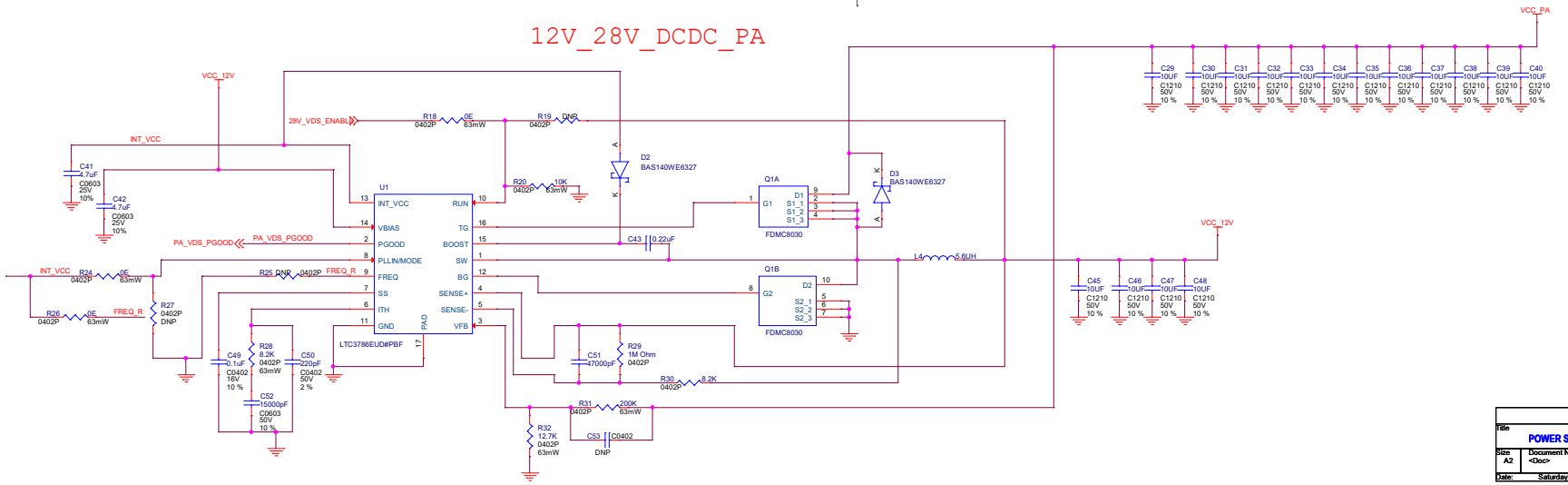


12V_FILTER_CIRCUIT

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



12V_28V_DCDC_PA



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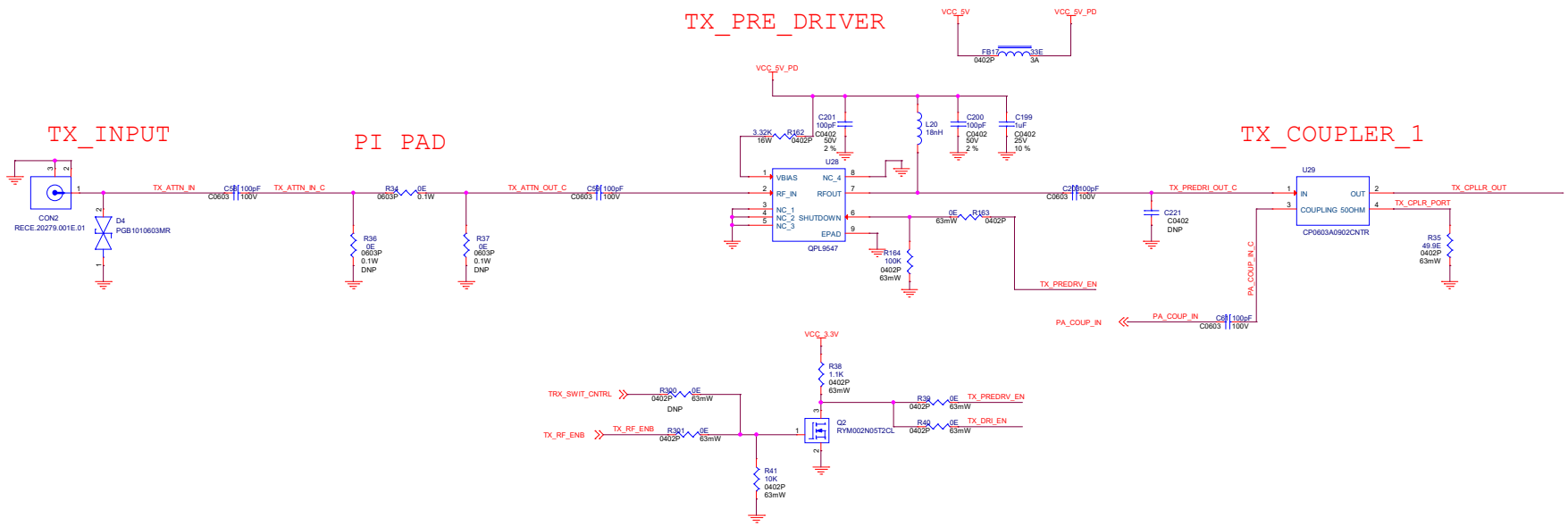
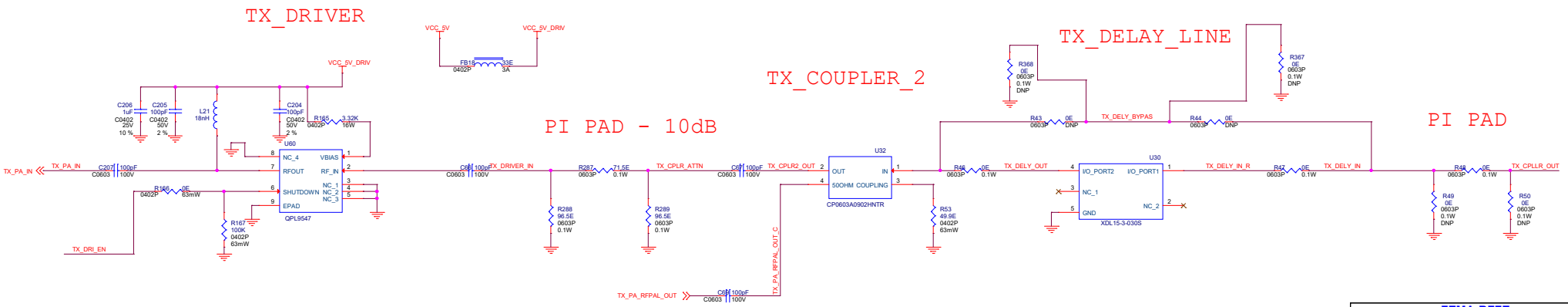
TX PATH- DRIVER_ATTN





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Title: TX_DRIVER_PATH		
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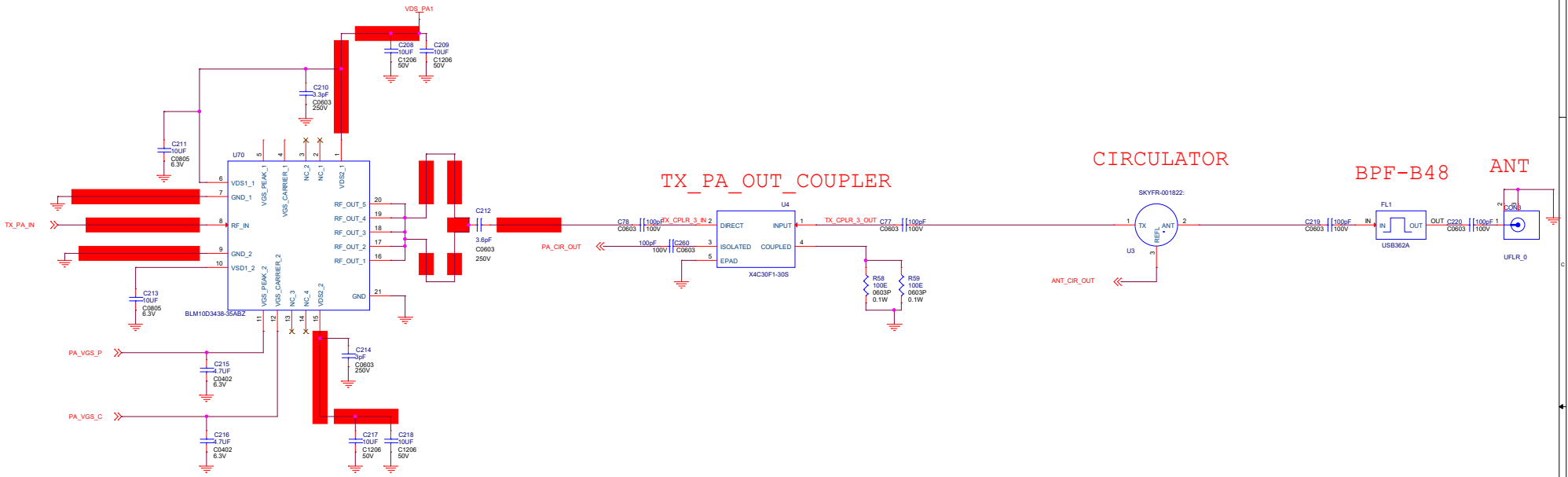
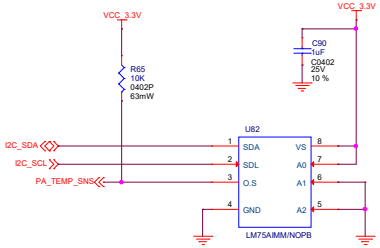
TX PATH- PA SECTION

TX _PA

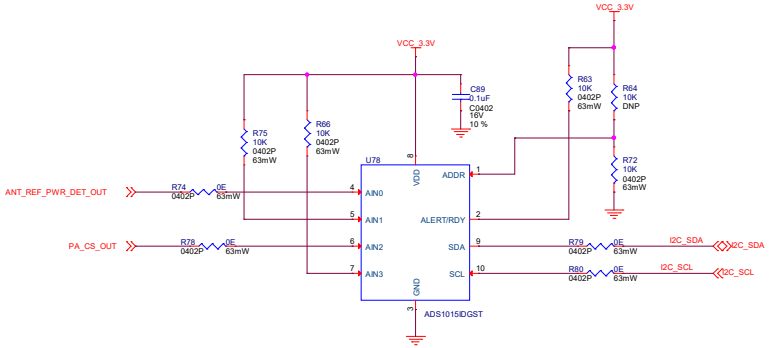


PA_TEMP_SENSOR



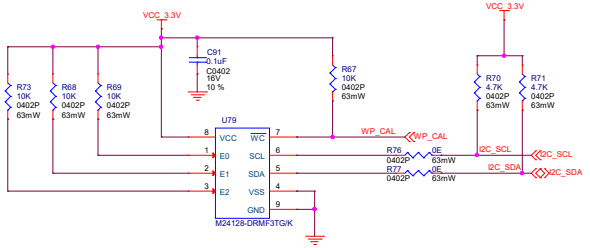
I2C ADDRESS OX49

ADC



I2C ADDRESS OX48

EPROM



I2C ADDRESS OX57

FEMA-RFFE

Title: TX_PA_PATH

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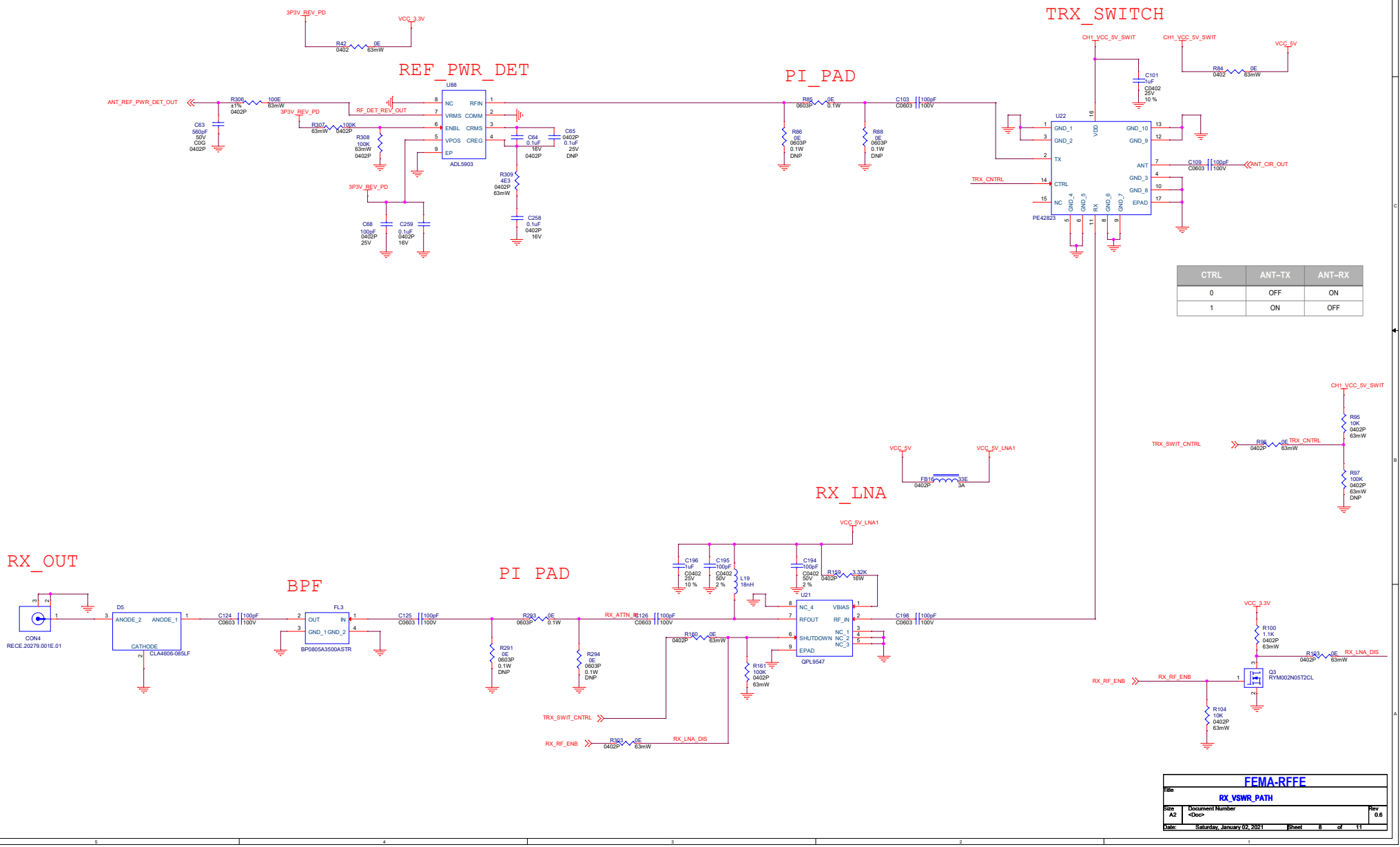
VSWR_POWER_MONITOR

RX_VSWR_PATH



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

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	RX_VSWR_PATH	
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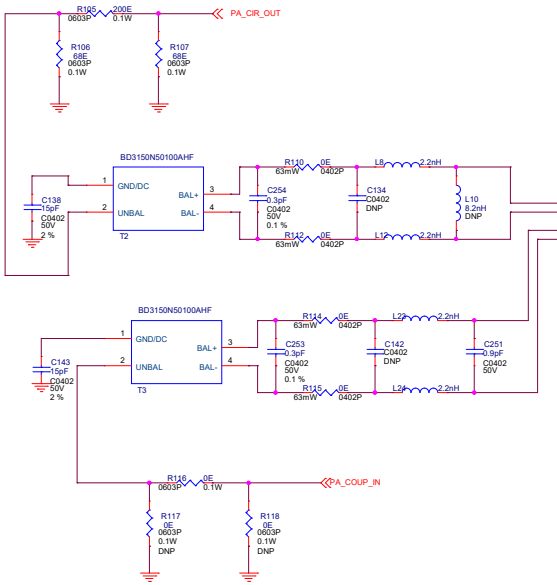
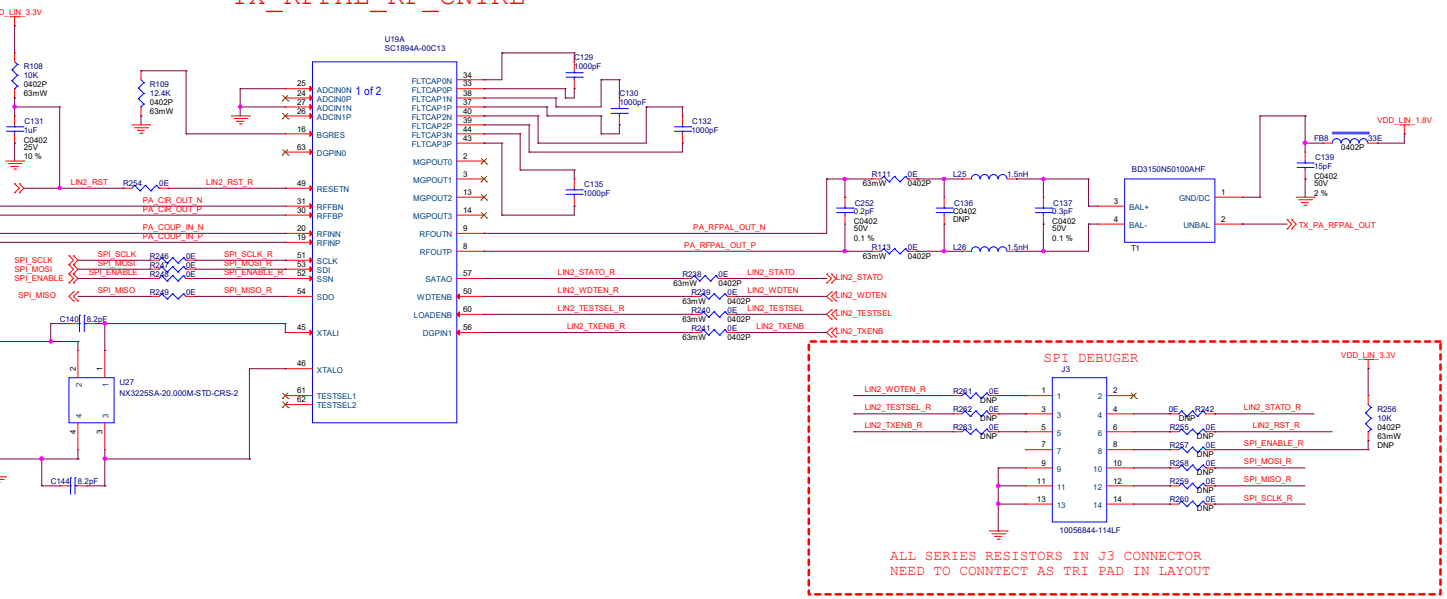
TX PATH-PA_LIN_CIRCUIT

PI PAD-18dB



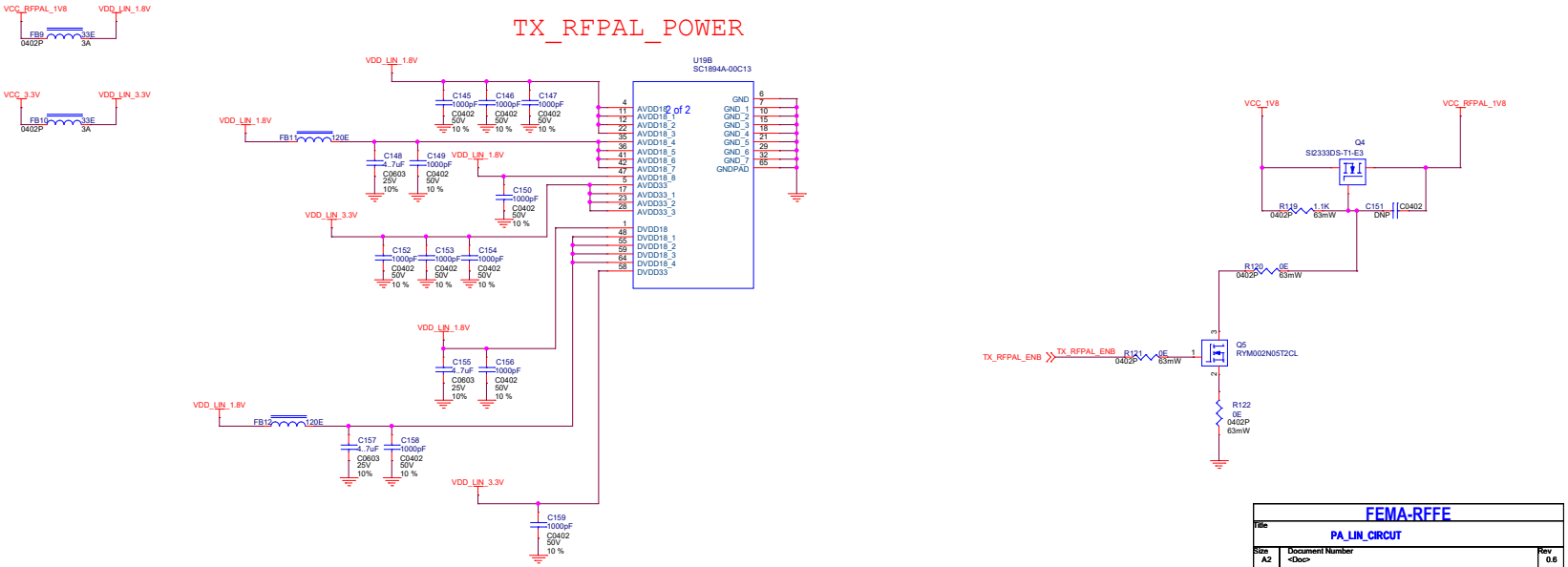
TX_RFPAL_RF_CNTRL



SPI DEBUGER

ALL SERIES RESISTORS IN J3 CONNECTOR
NEED TO CONNTECT AS TRI PAD IN LAYOUT

TX_RFPAL_POWER



Title	FEMA-RFFE		
	PA_LIN_CIRCUIT		
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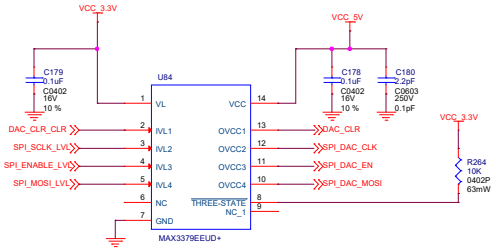
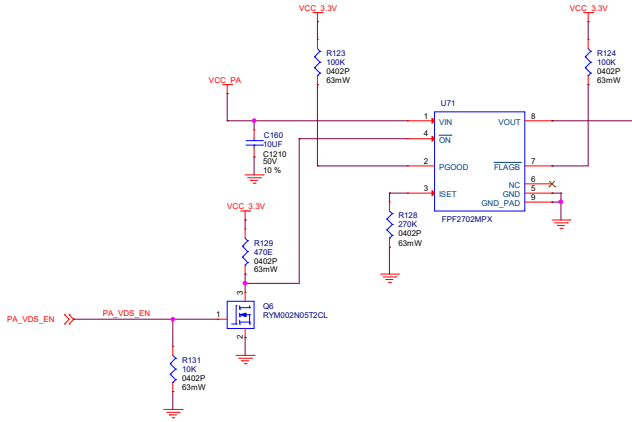
PA CONTROL SECTION

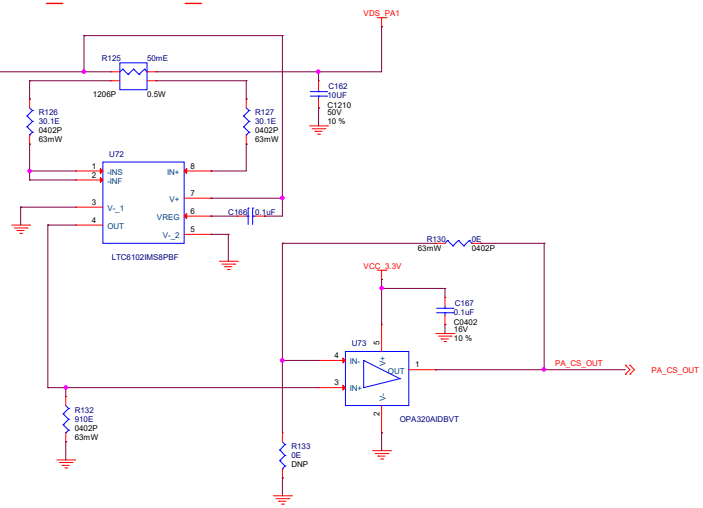
SPI_LEVEL_SHIFTER



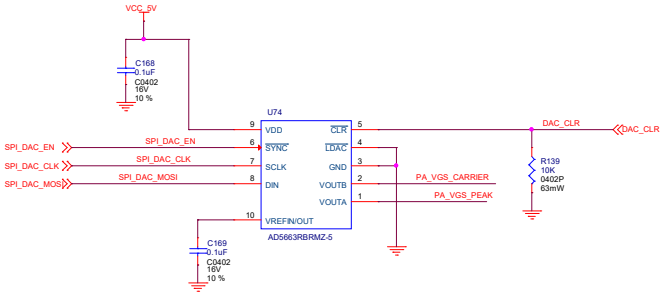
PA_28V_POWER_SWITCH



PA_CURRENT_SENSOR

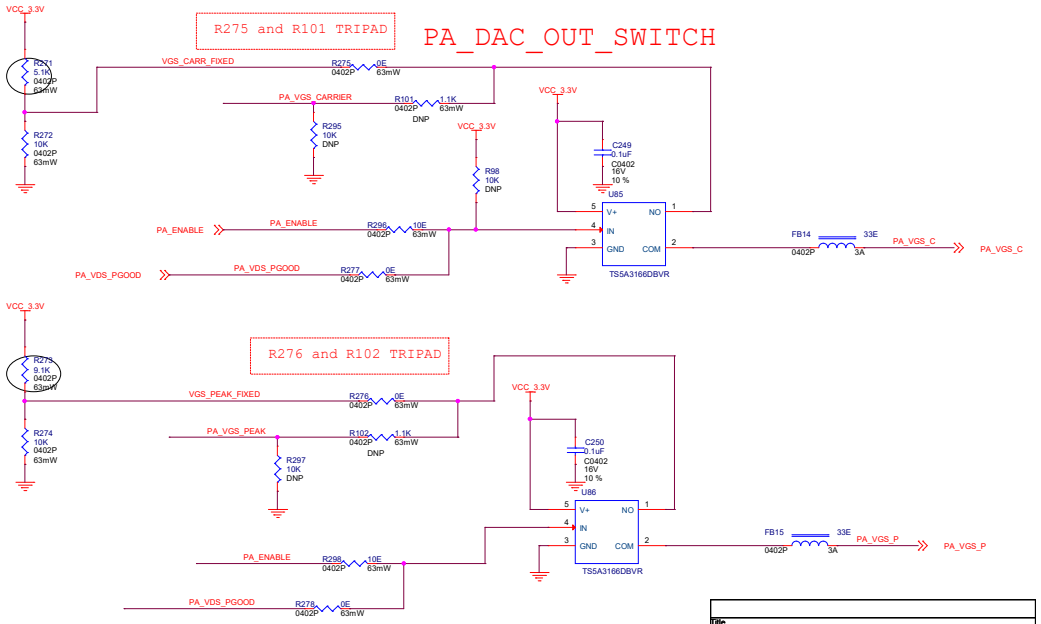


PA_DAC



PA_DAC_OUT_SWITCH

R275 and R101 TRIPAD



R276 and R102 TRIPAD

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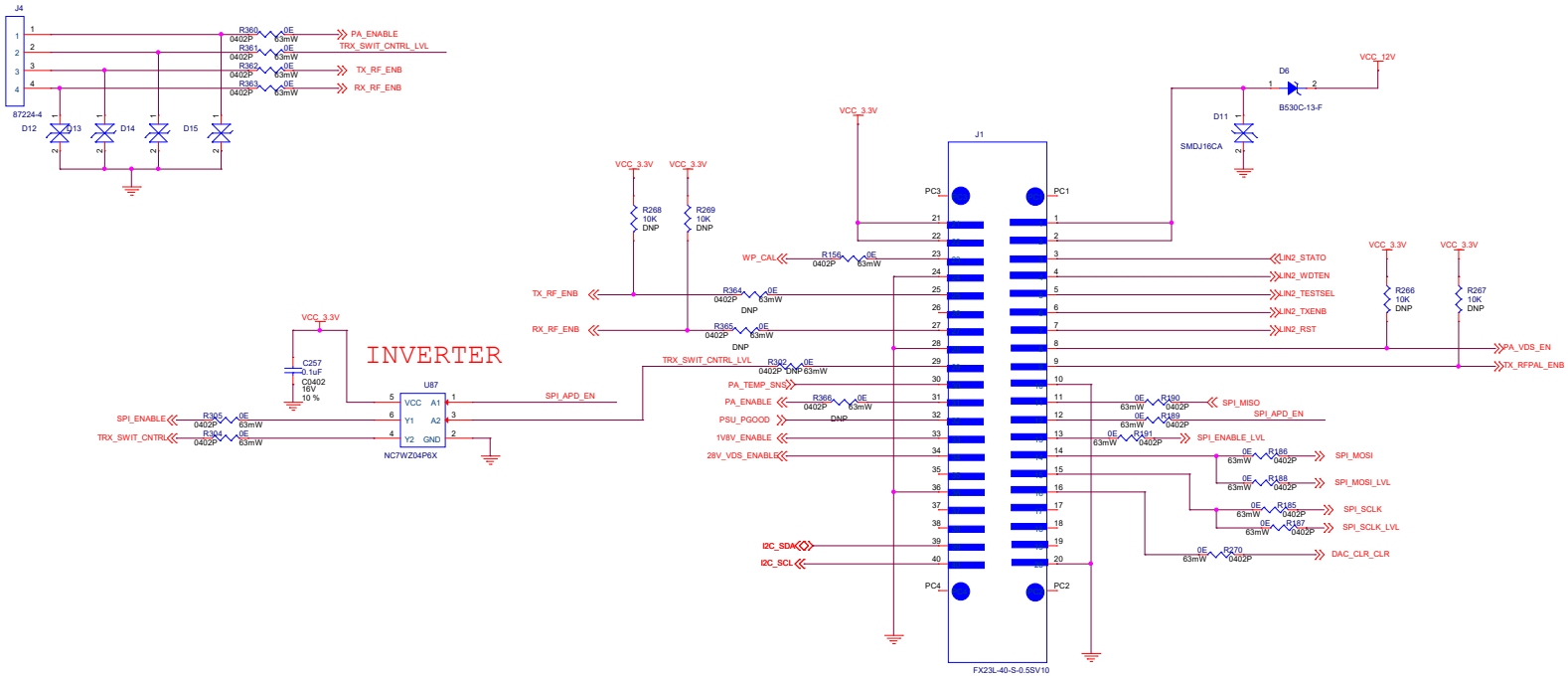
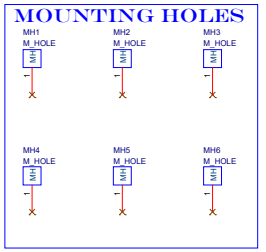
FEMA_BOARD_BOARD_CONNECTOR

TRI pad Options;
R366 and R360
R361 and R302
R362 and R364
R363 and R365



MOUNTING HOLES



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