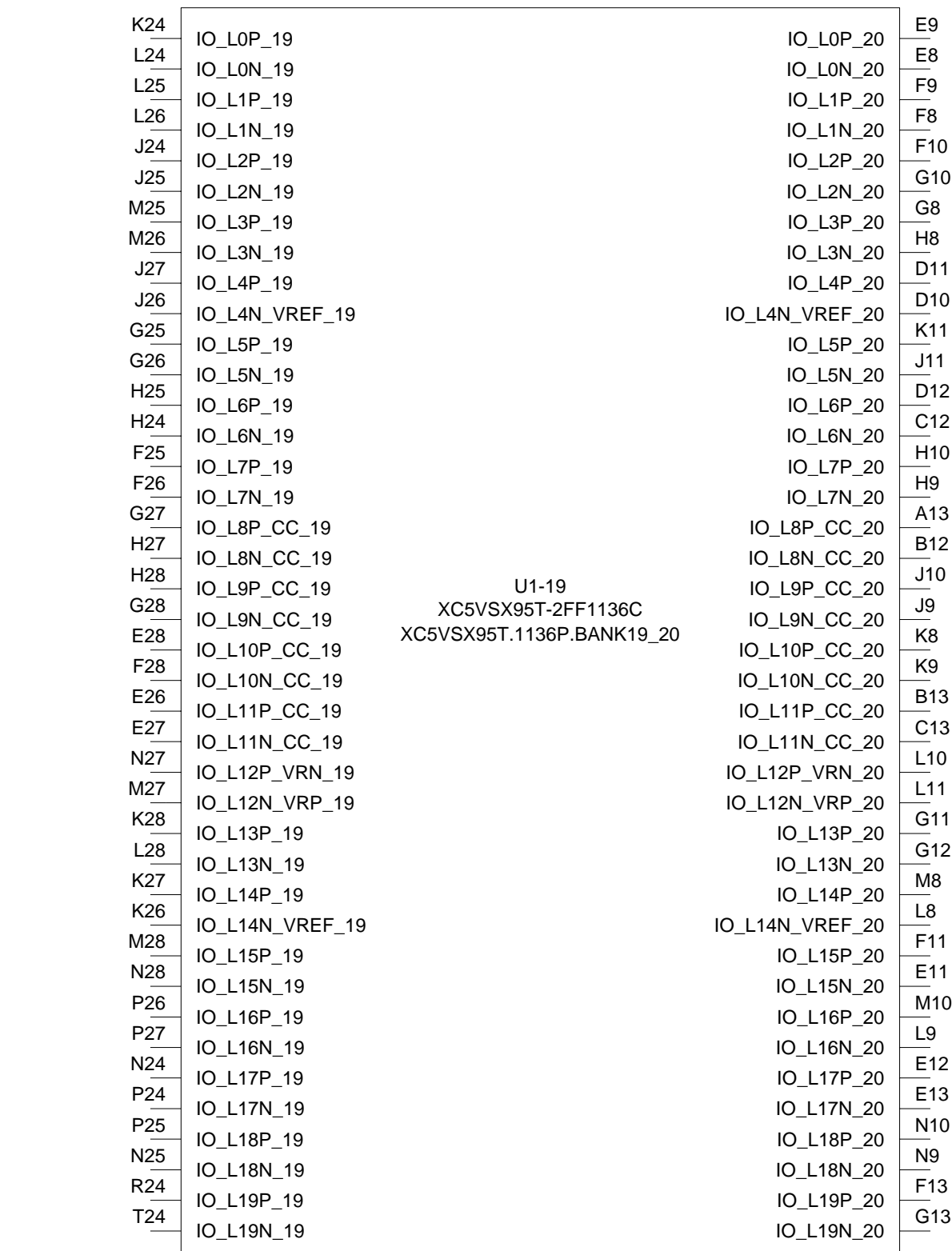


Project:	RFIC5	Page: 3	TITLE: rfic5_full_test_1395-x05A		
Originated by:	DC	C	POWER SUPPLY		
Changed by:	DC	Assembly Part No:		1395-305	Rev: A
Date Changed:	JANUARY 23, 2009	PCB Part No:		1395-405-84	Rev: A
Time Changed:	1:12:42 PM	Schematic Part No:		1395-505	Rev: 40

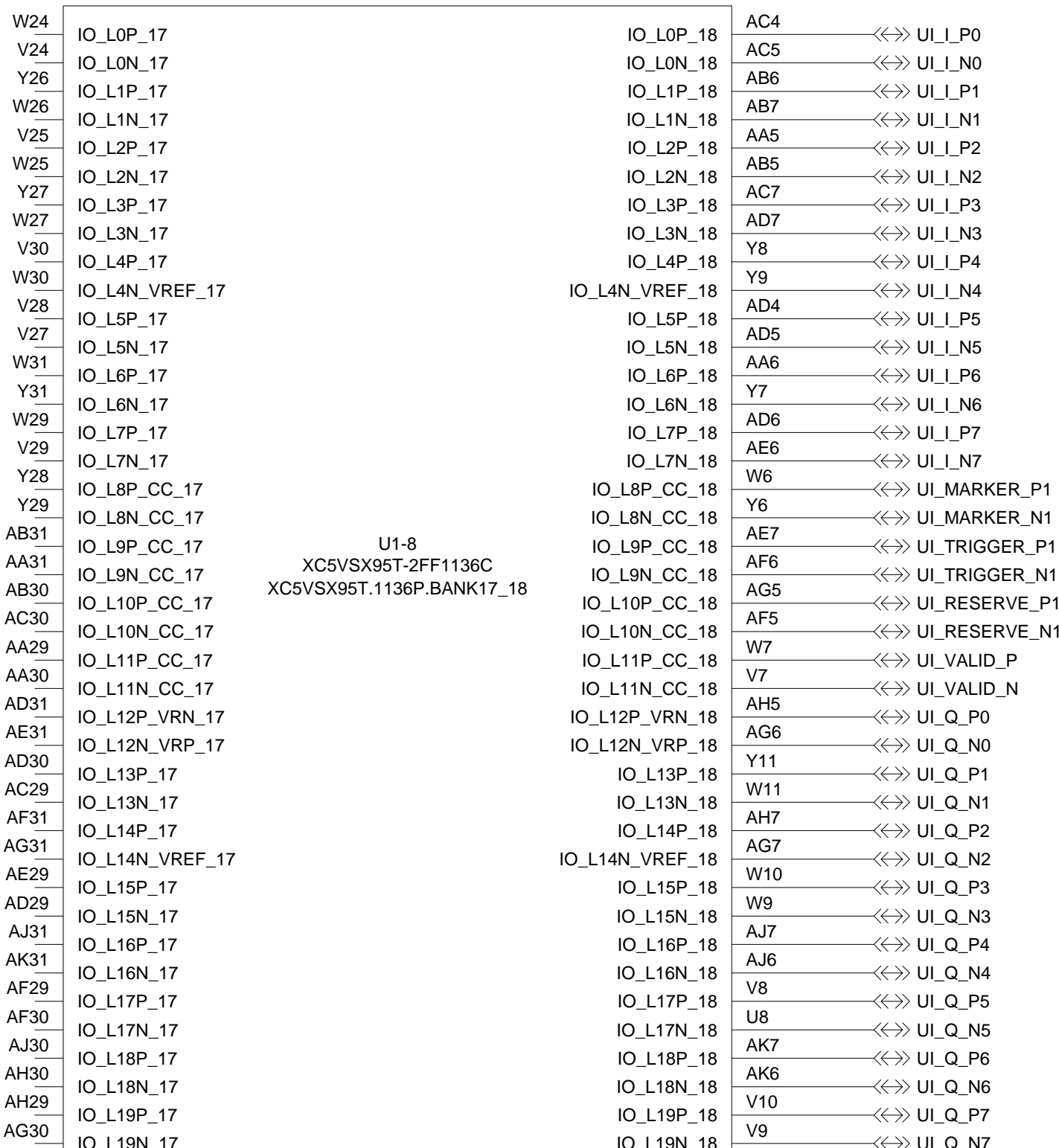
# BANK 11, 12



Bank voltage = 2.5 V

Bank voltage = 2.5 V

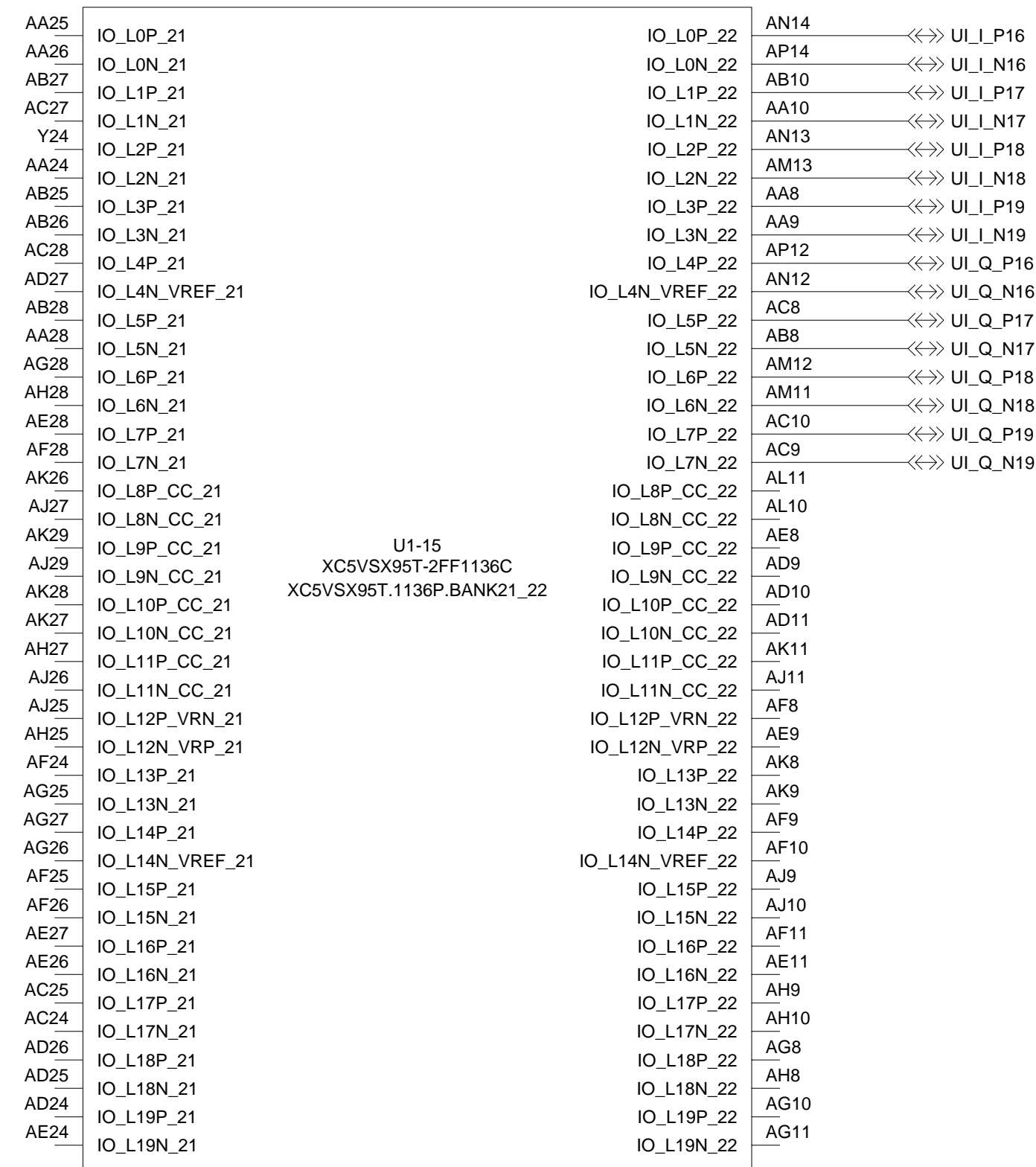
# BANK 19, 20



Bank voltage = 2.5 V

Bank voltage = 2.5 V

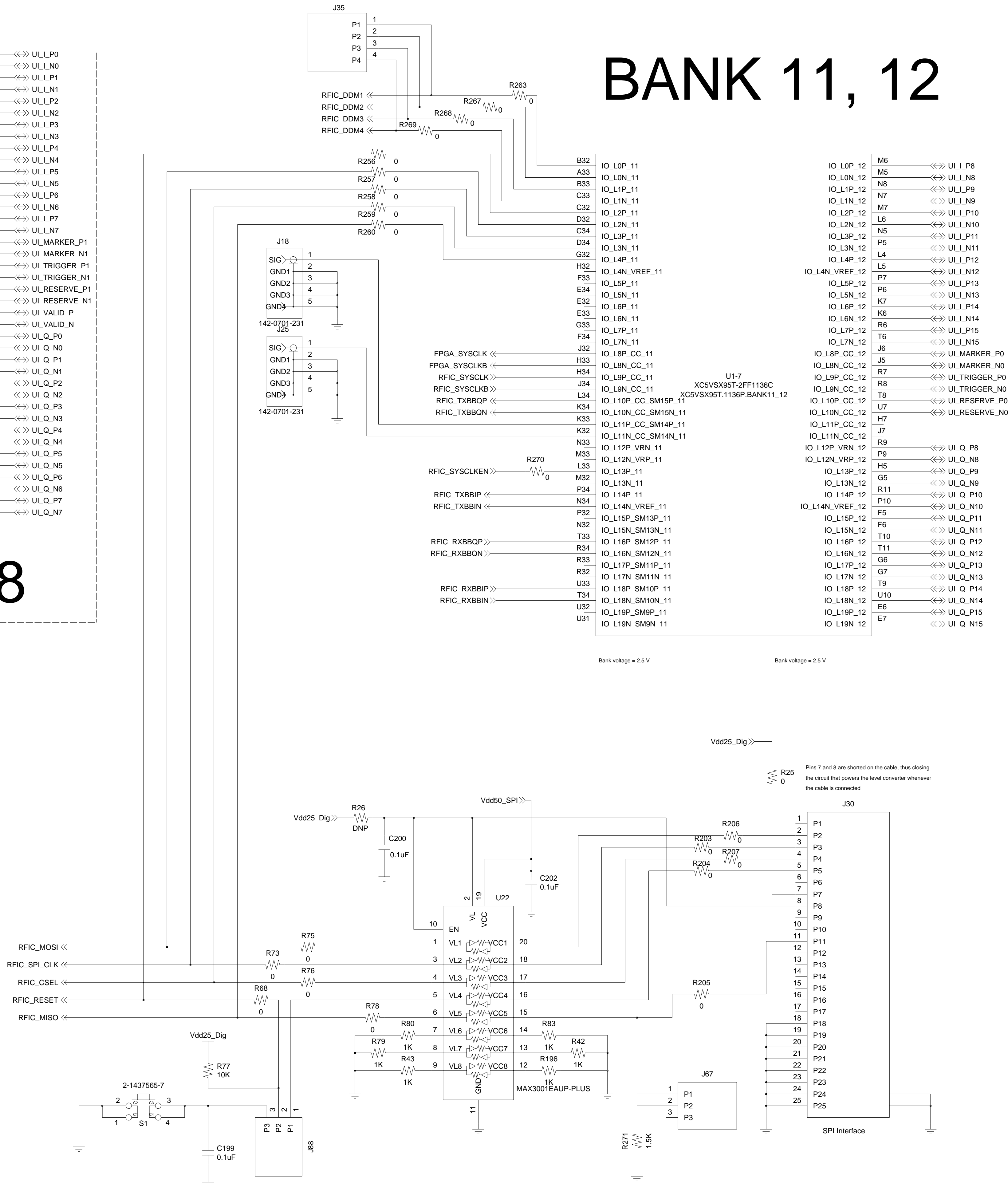
# BANK 17, 18



Bank voltage = 2.5 V

Bank voltage = 2.5 V

# BANK 21, 22

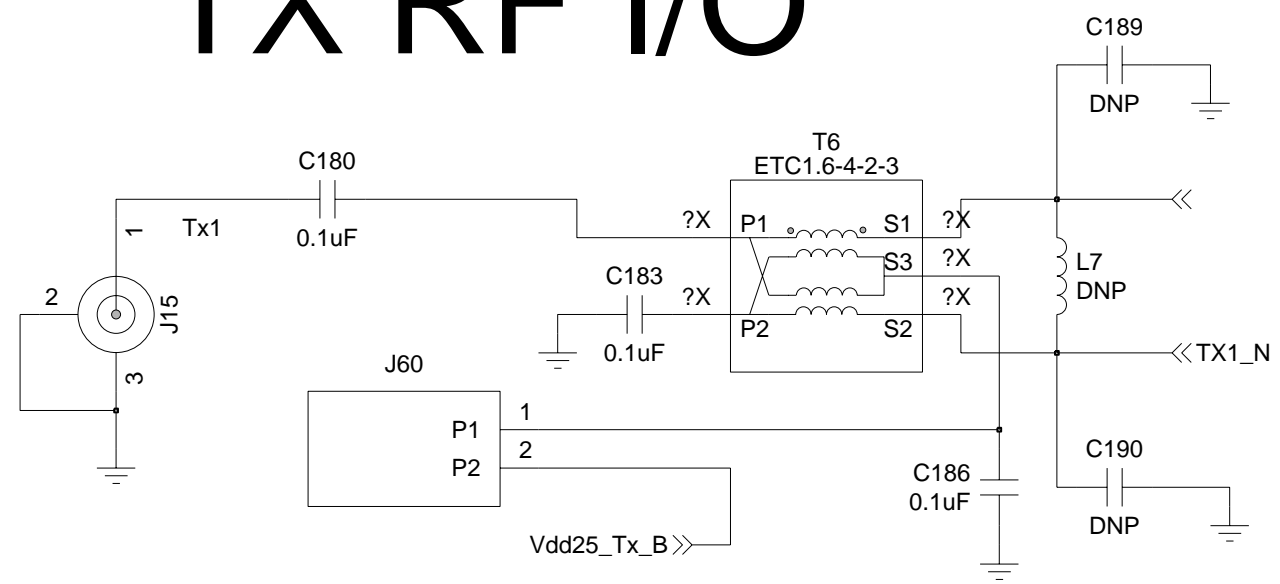


Bank voltage = 2.5 V

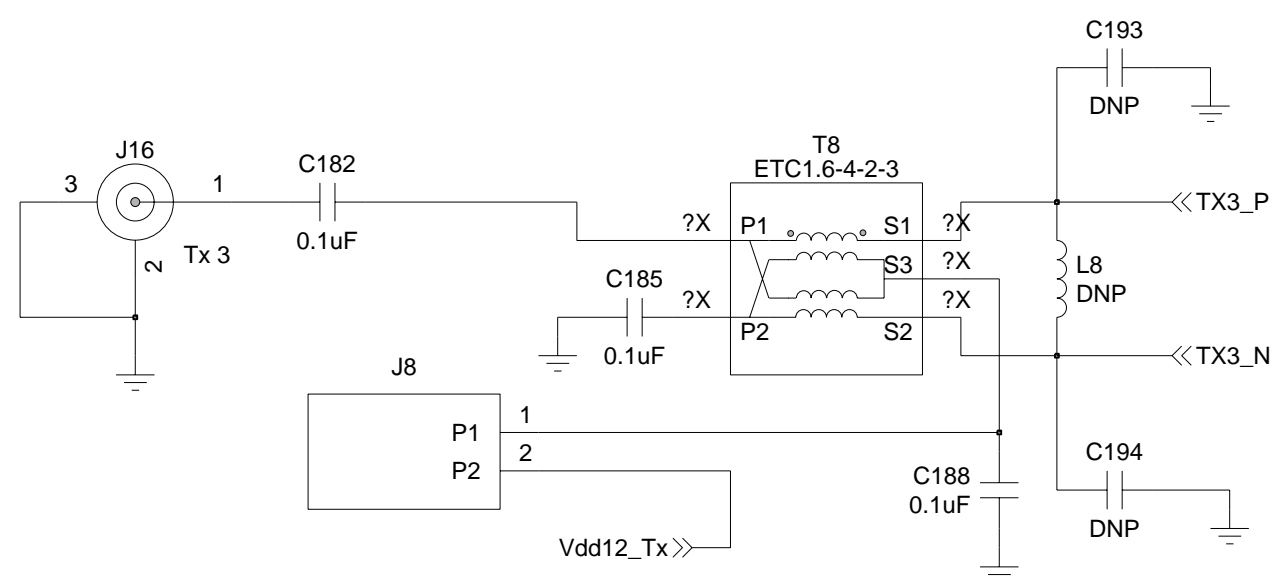
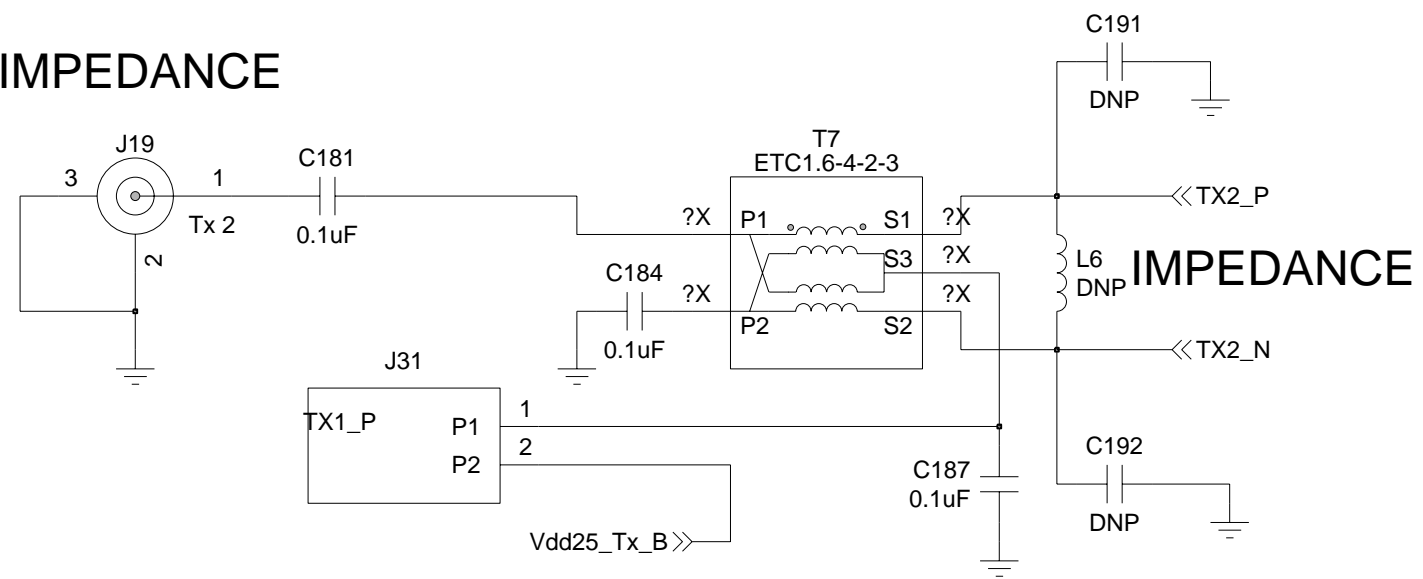
Bank voltage = 2.5 V

Pins 7 and 8 are shorted on the cable, thus closing the circuit that powers the level converter whenever the cable is connected

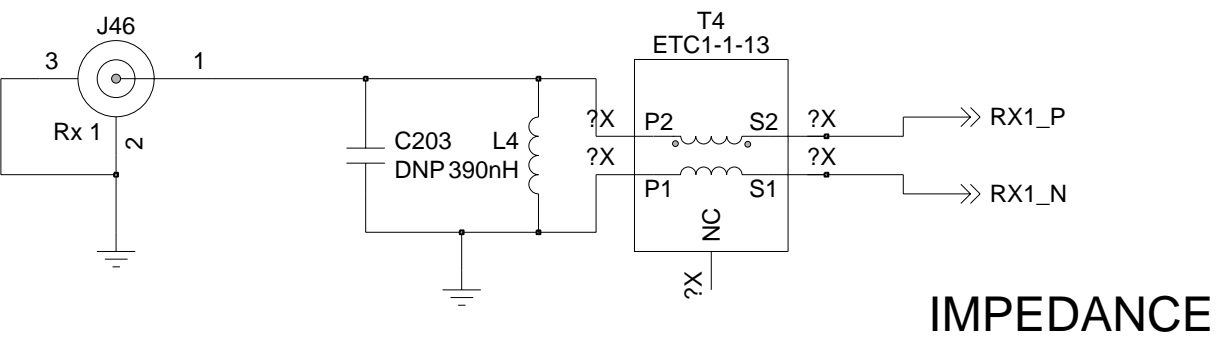
# TX RF I/O



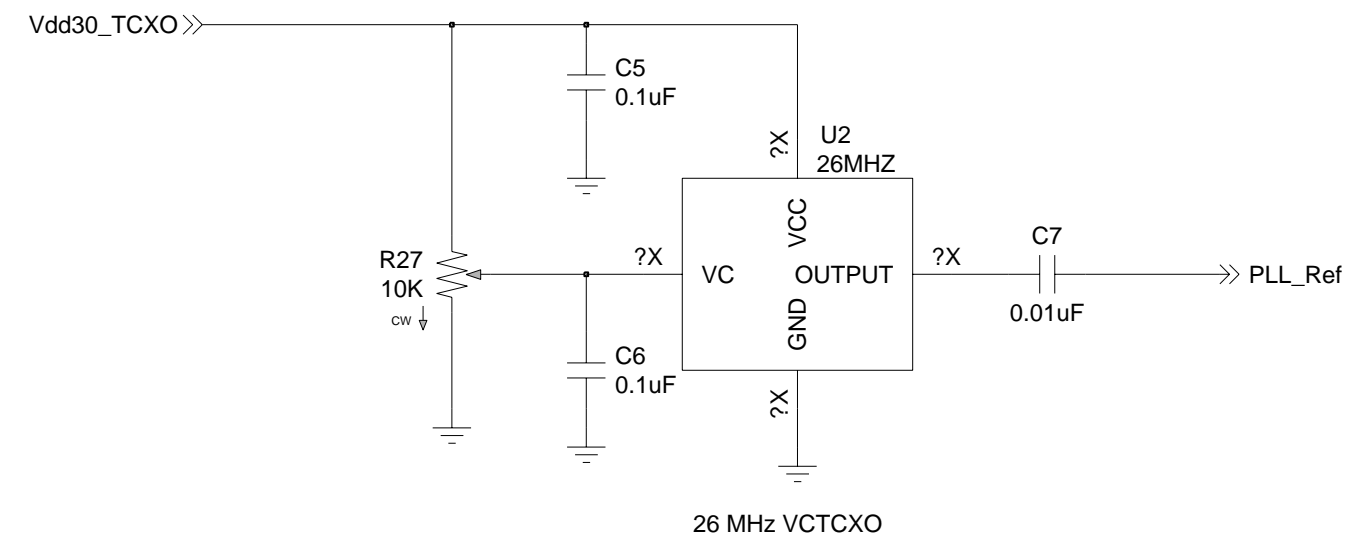
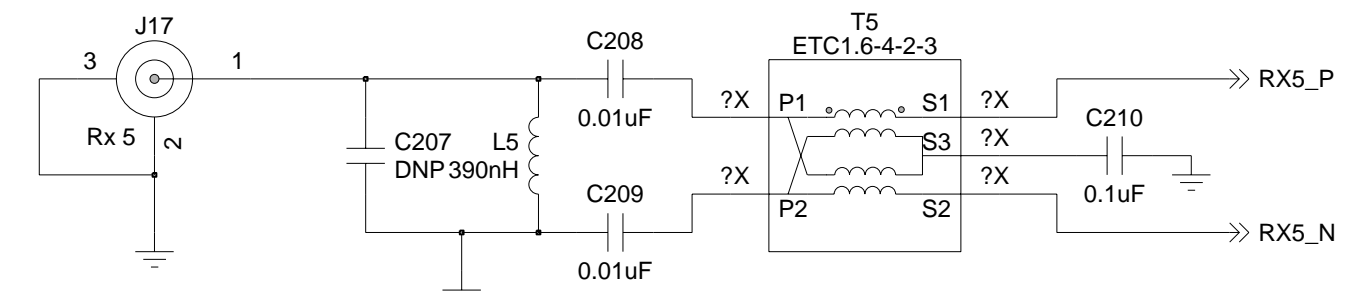
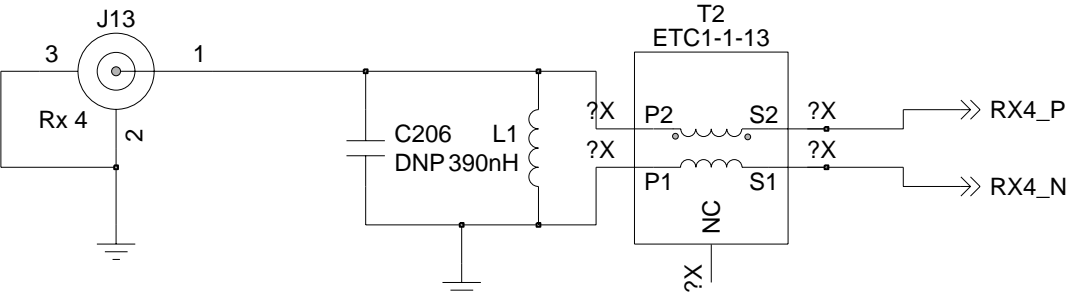
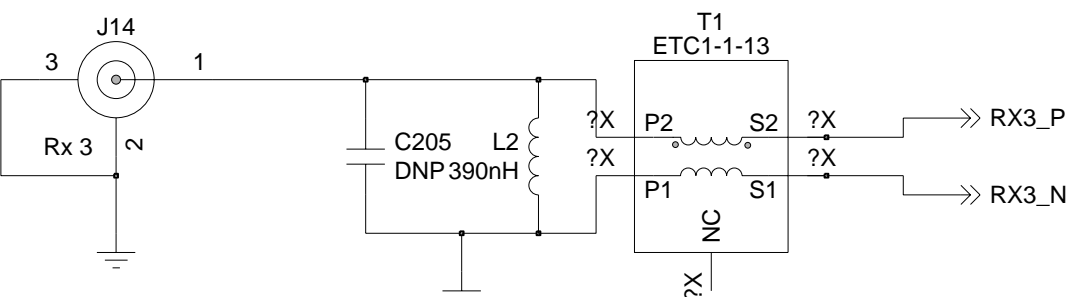
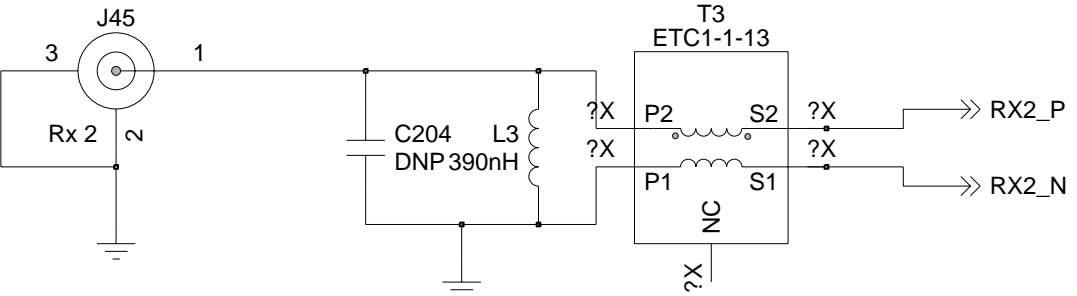
## IMPEDANCE



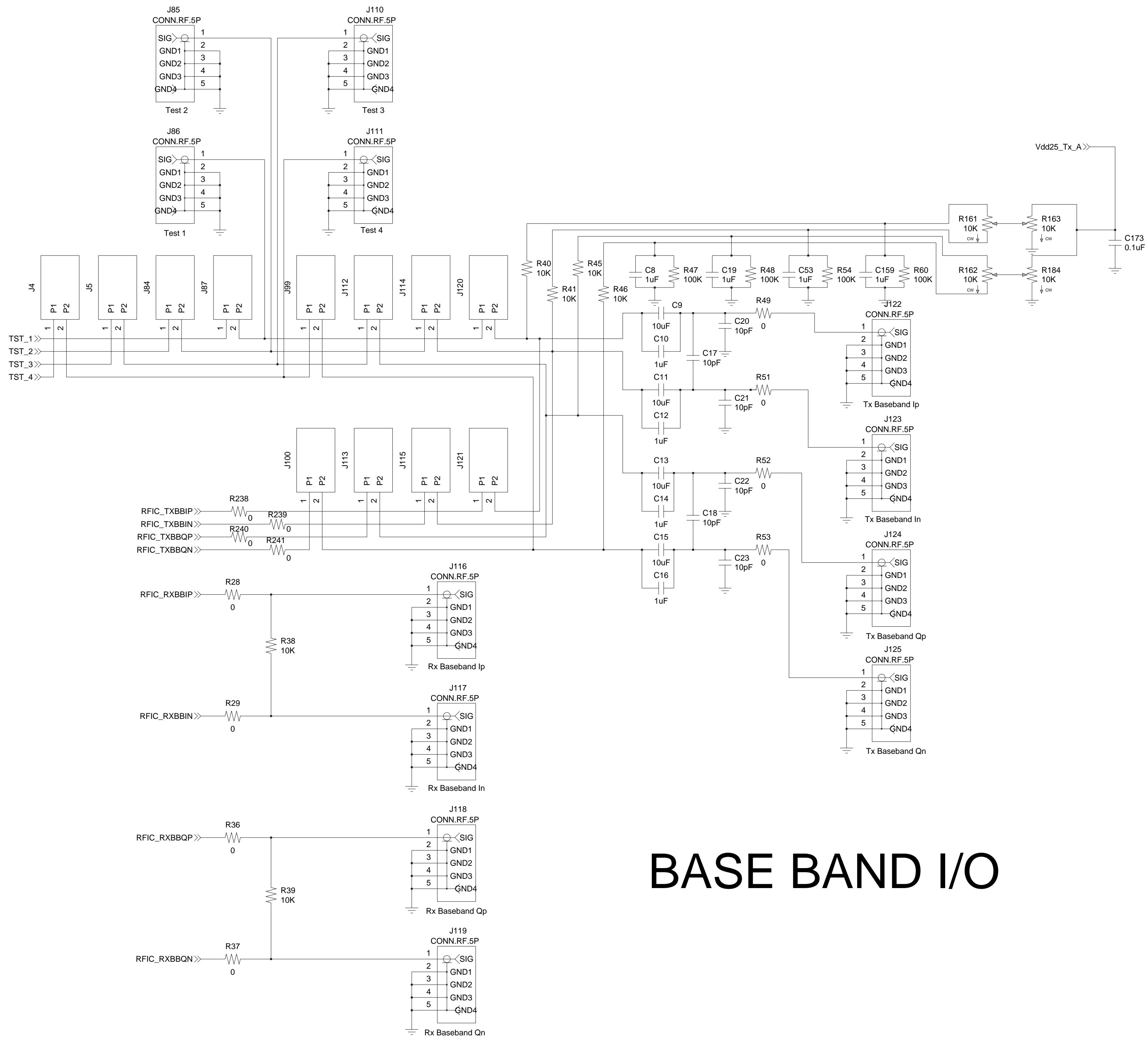
# RX RF I/O



## IMPEDANCE

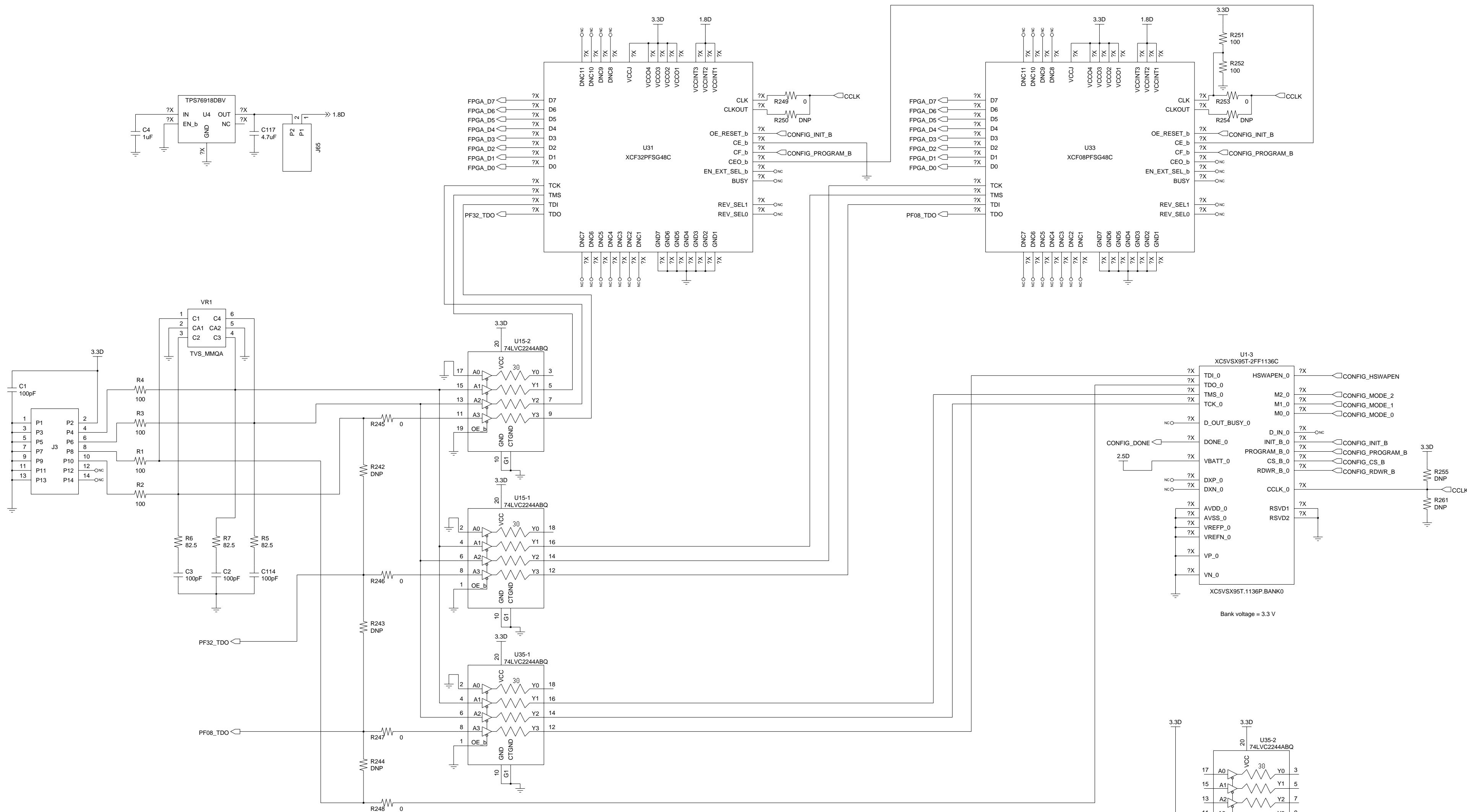


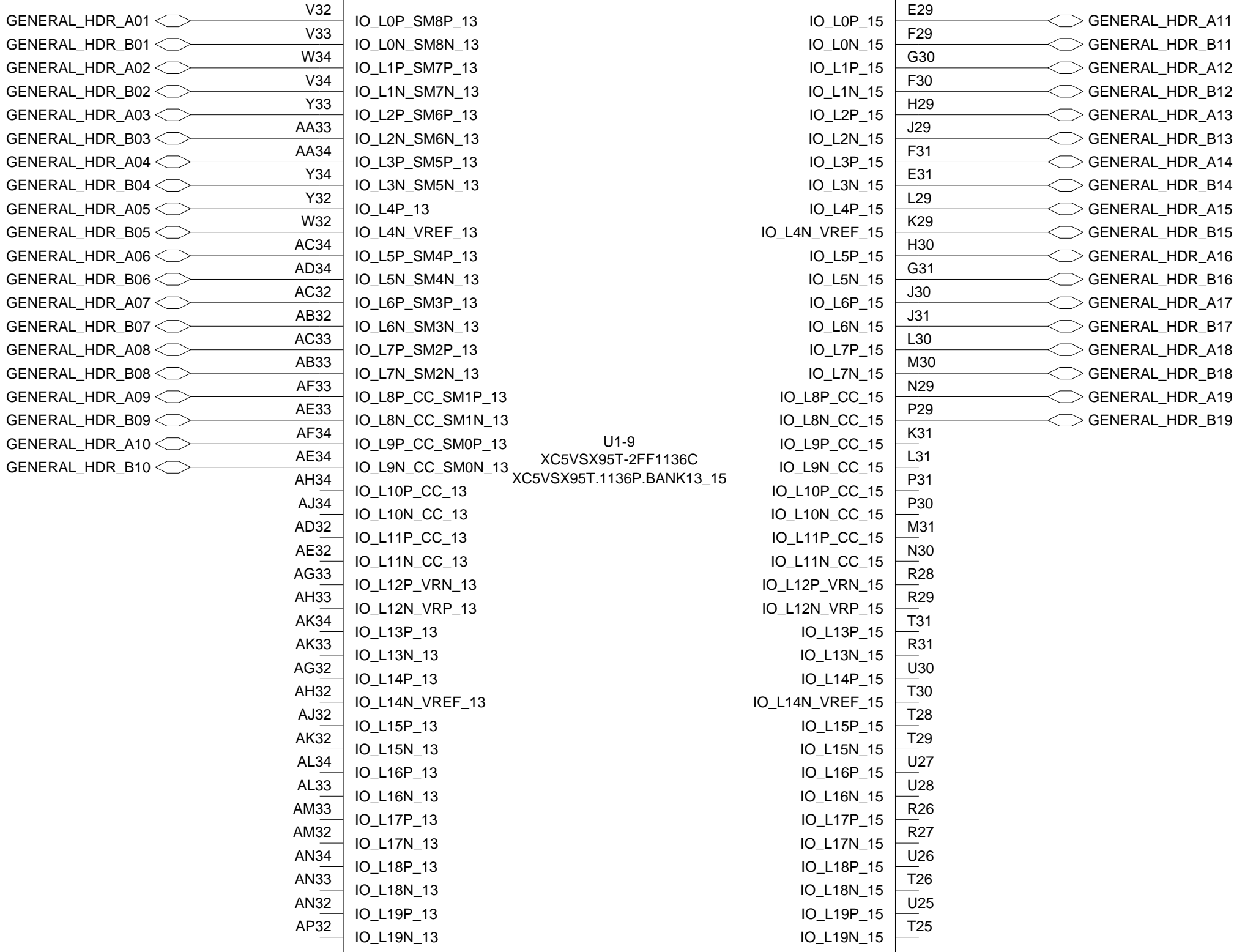
# PLL REFERENCE



# BASE BAND I/O

# BANK0

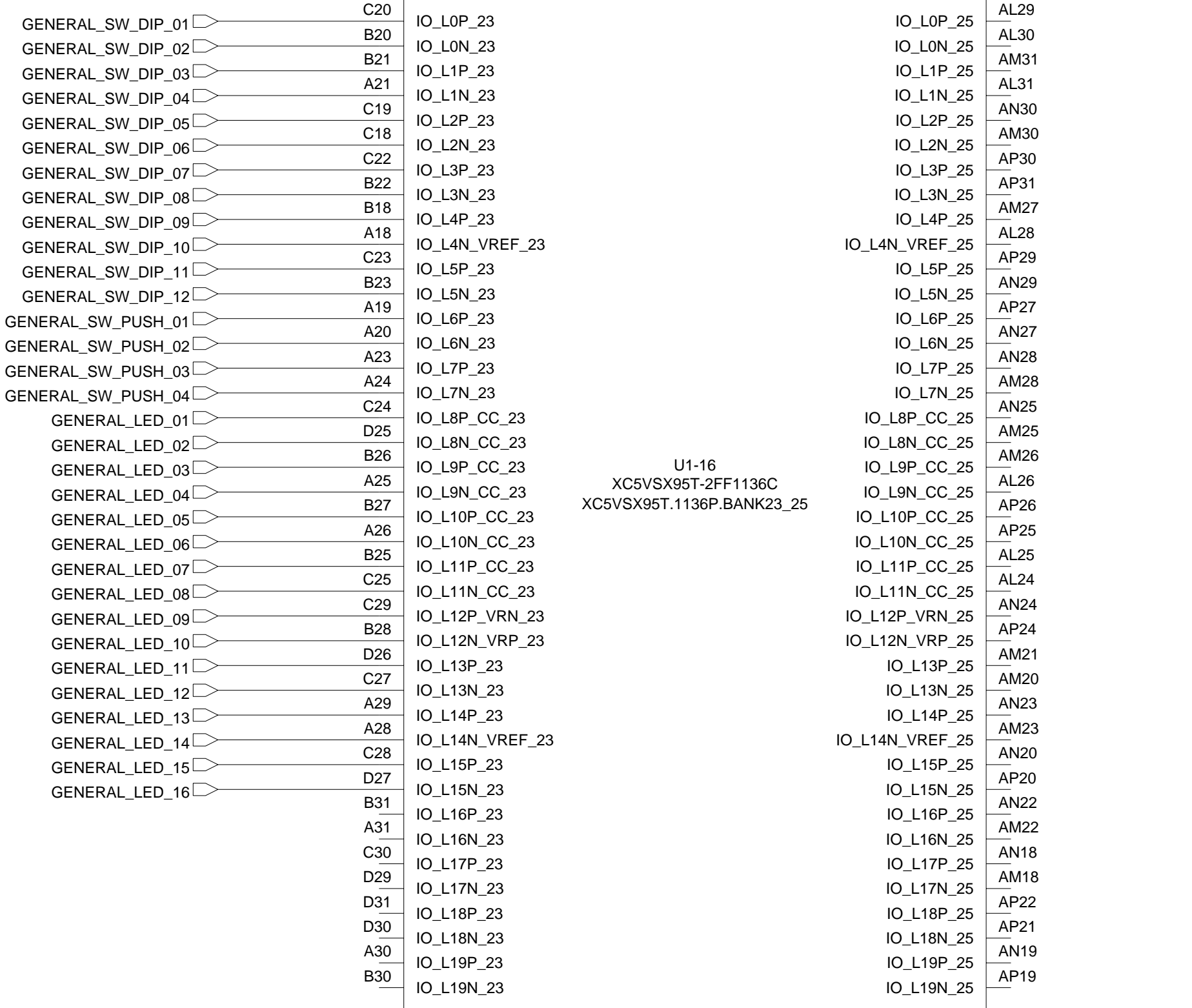




Bank voltage = 2.5 V

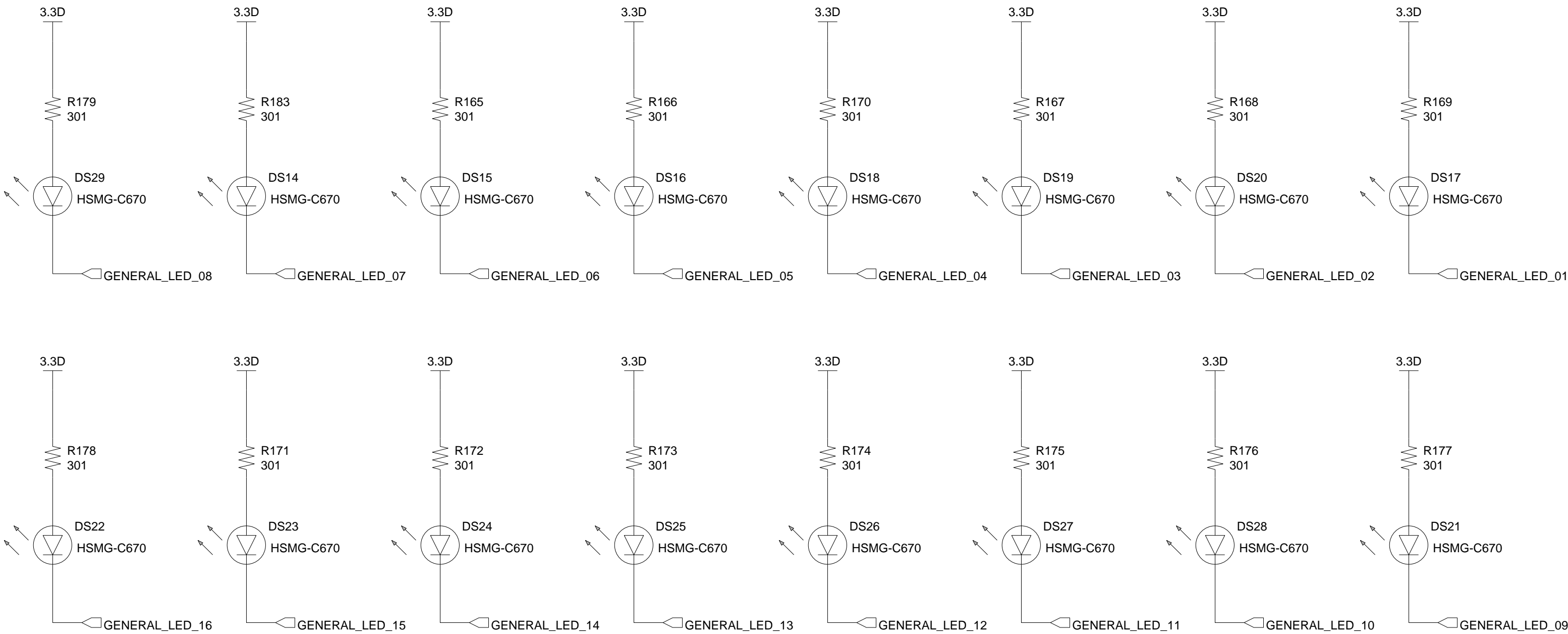
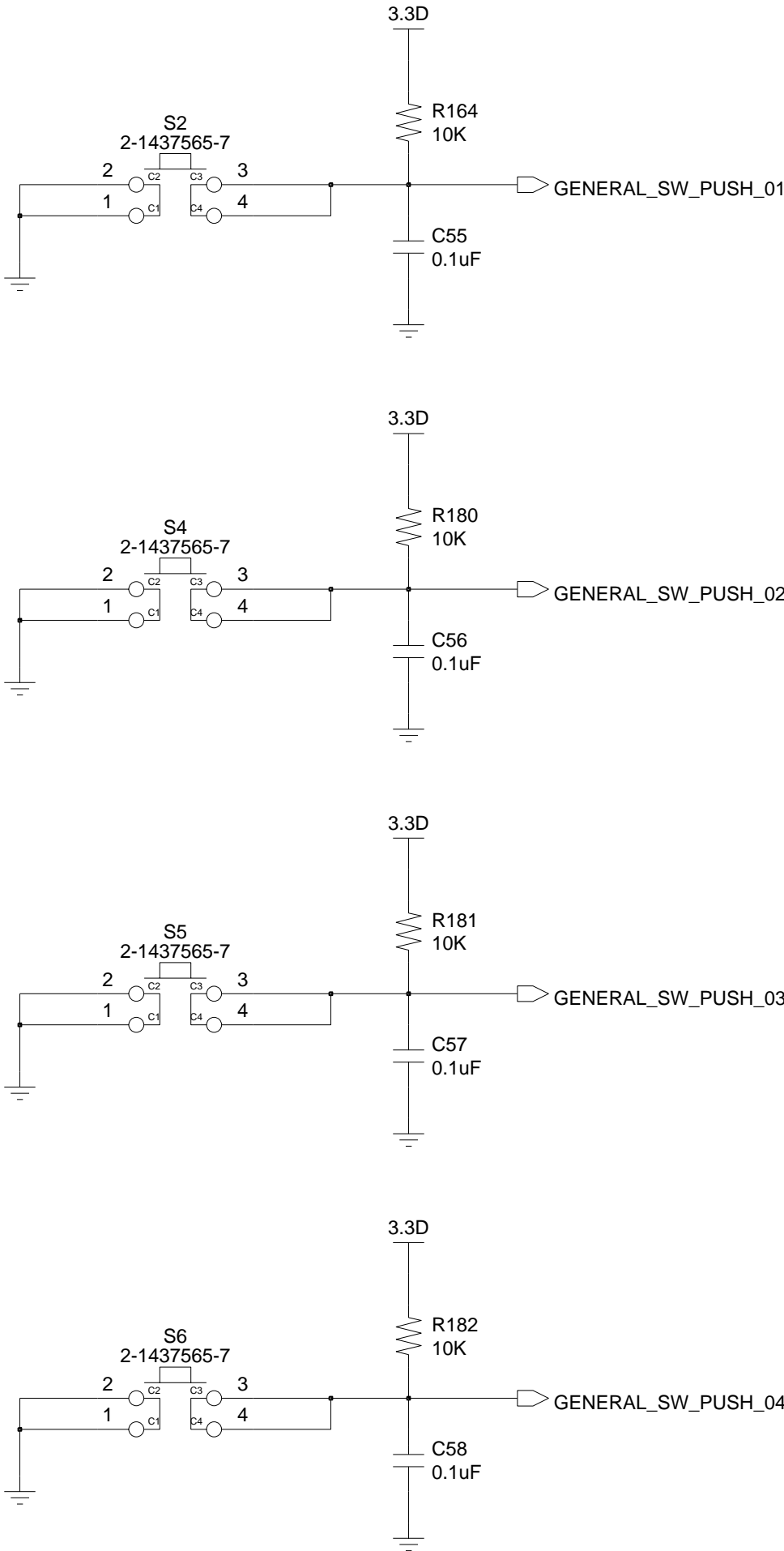
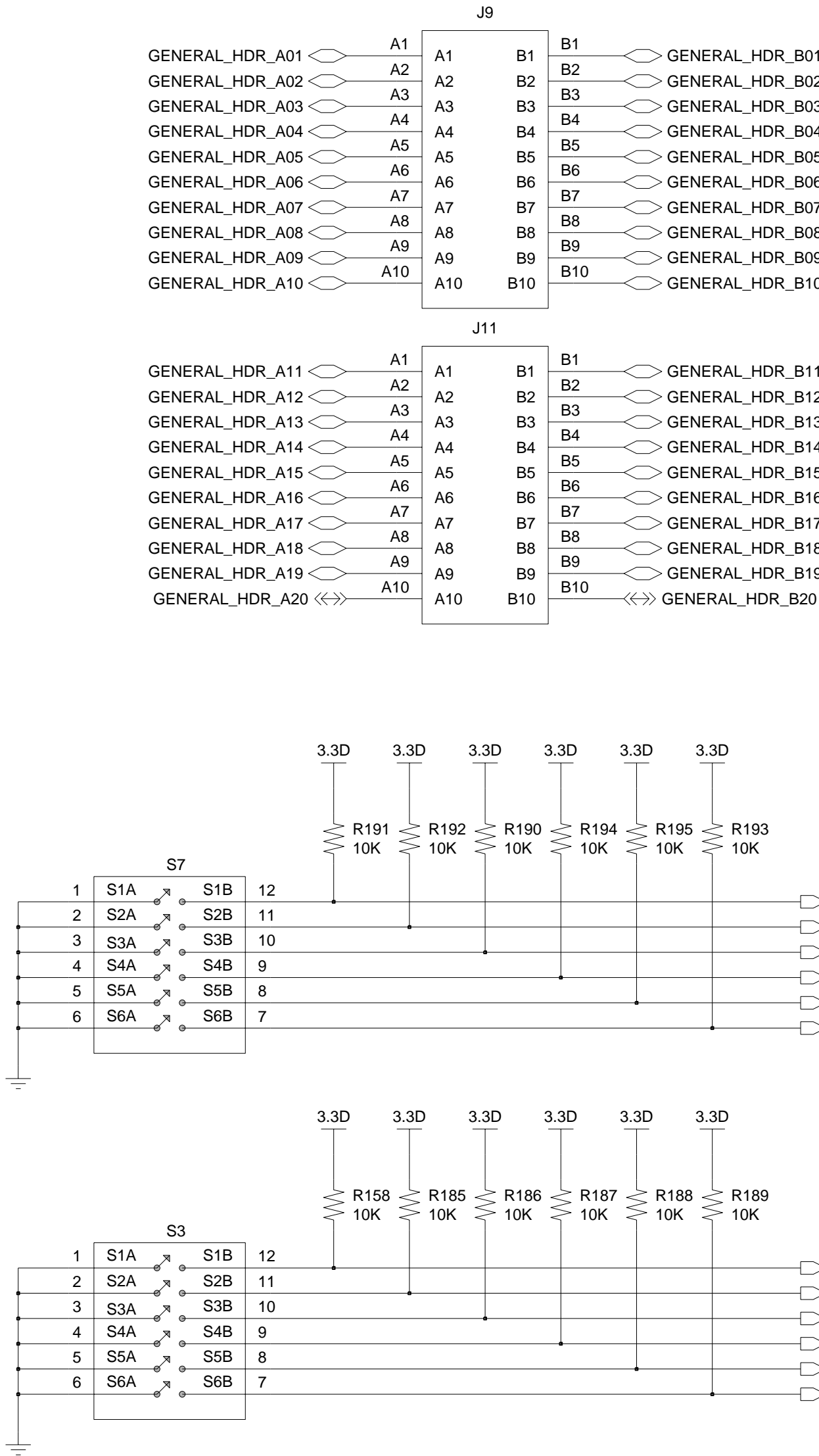
Bank voltage = 2.5 V

# BANK 13, 15

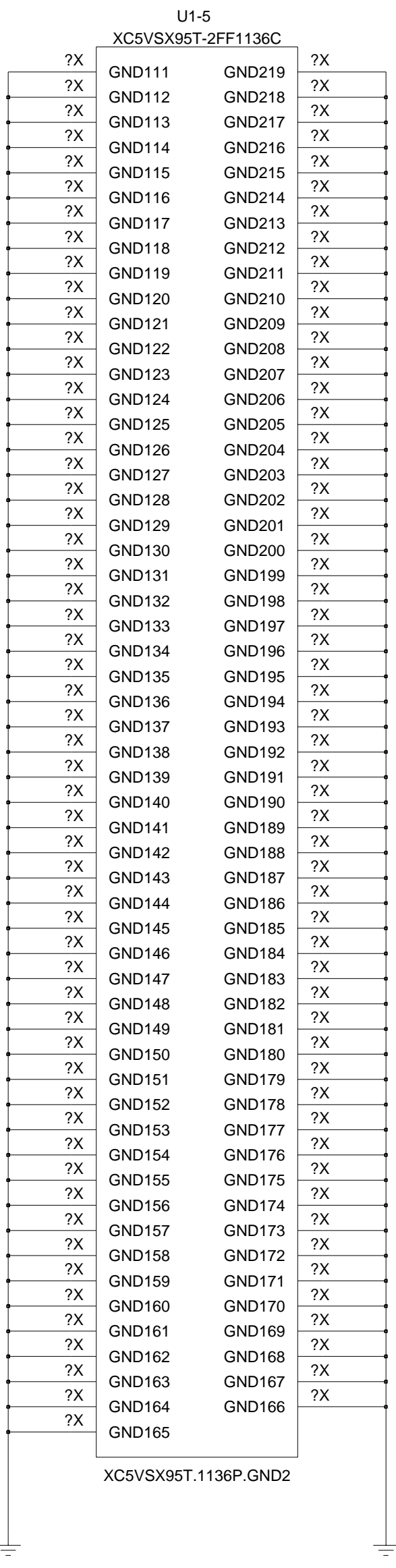
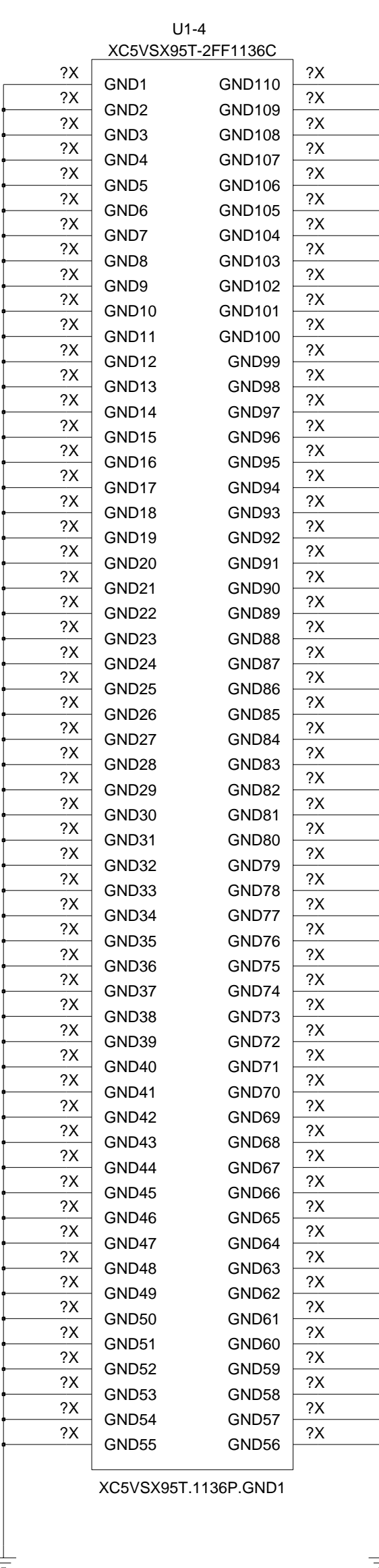
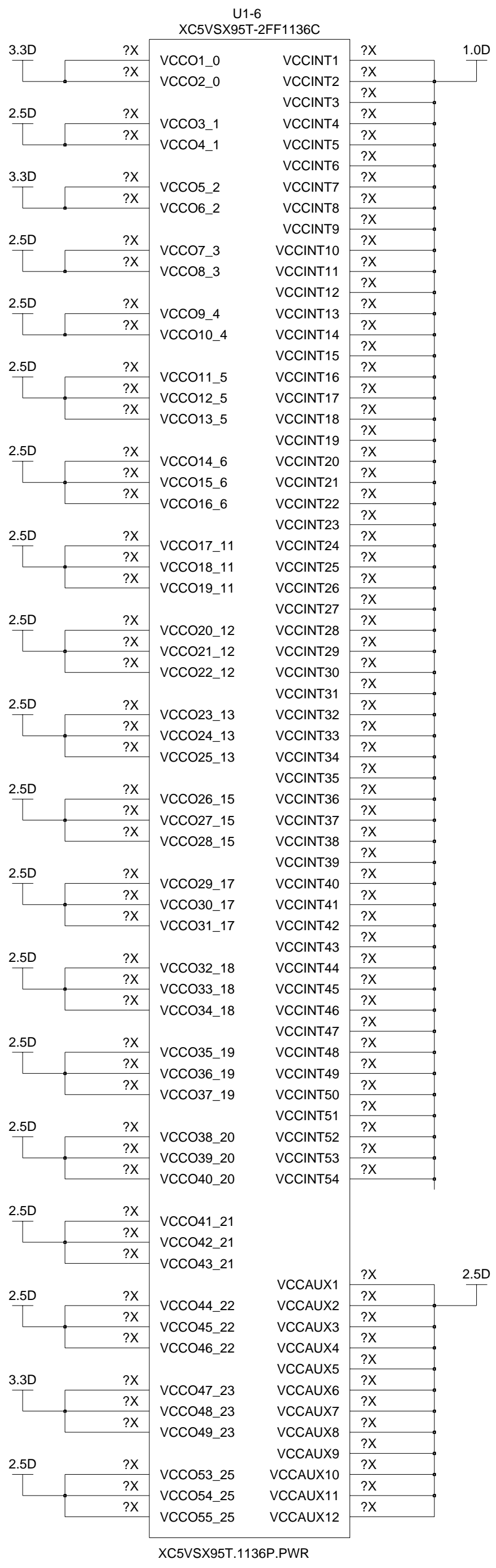
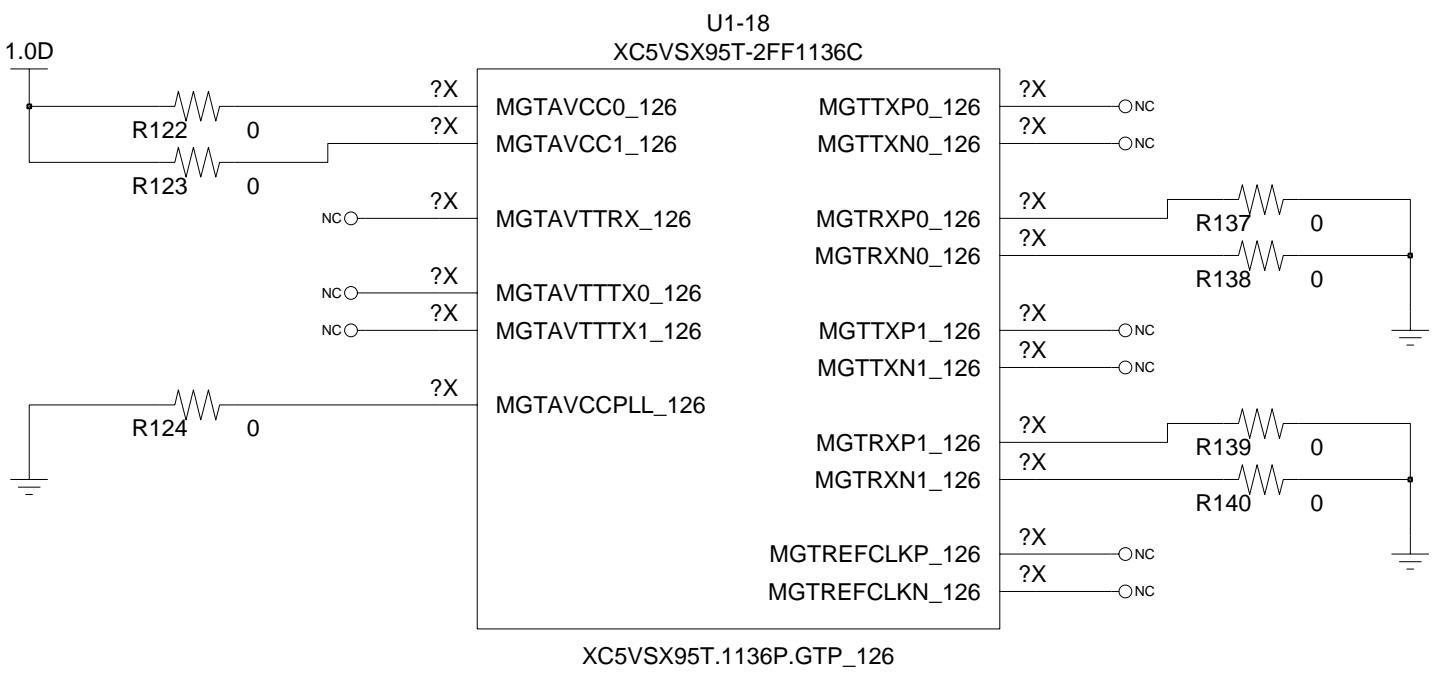
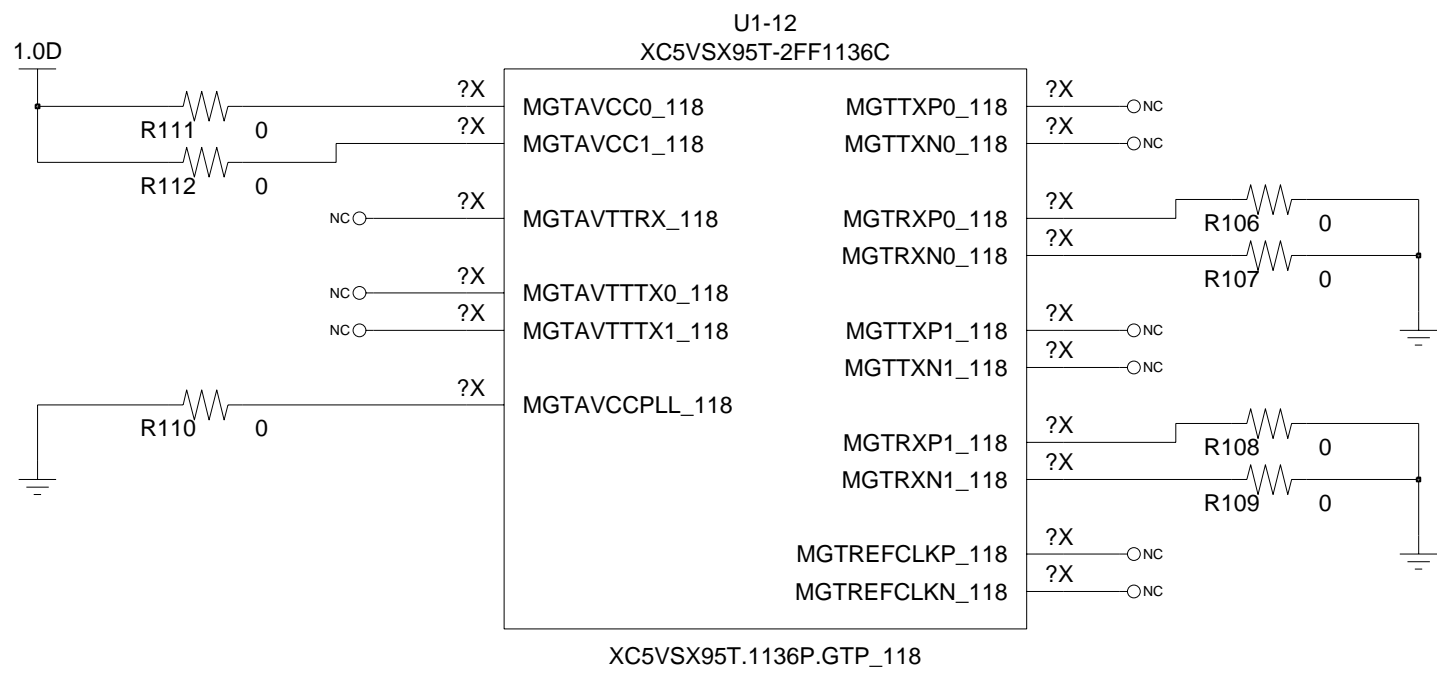
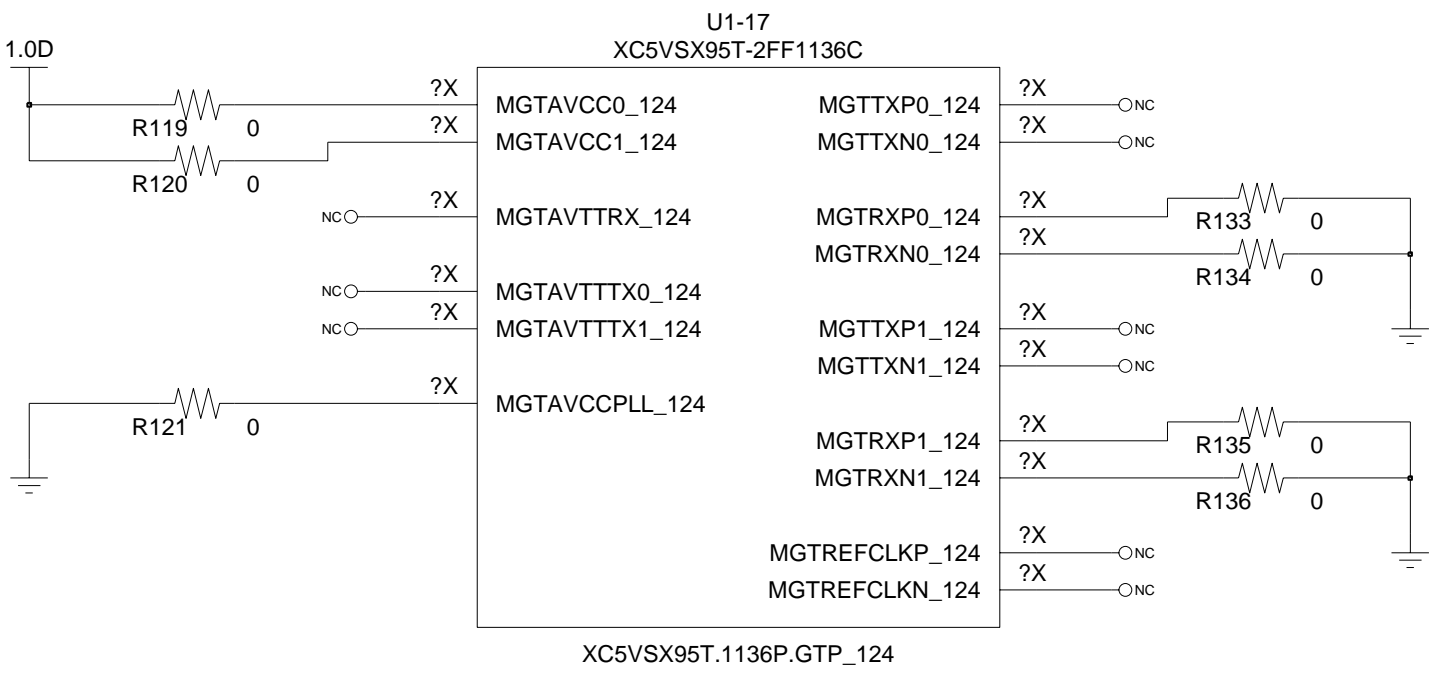
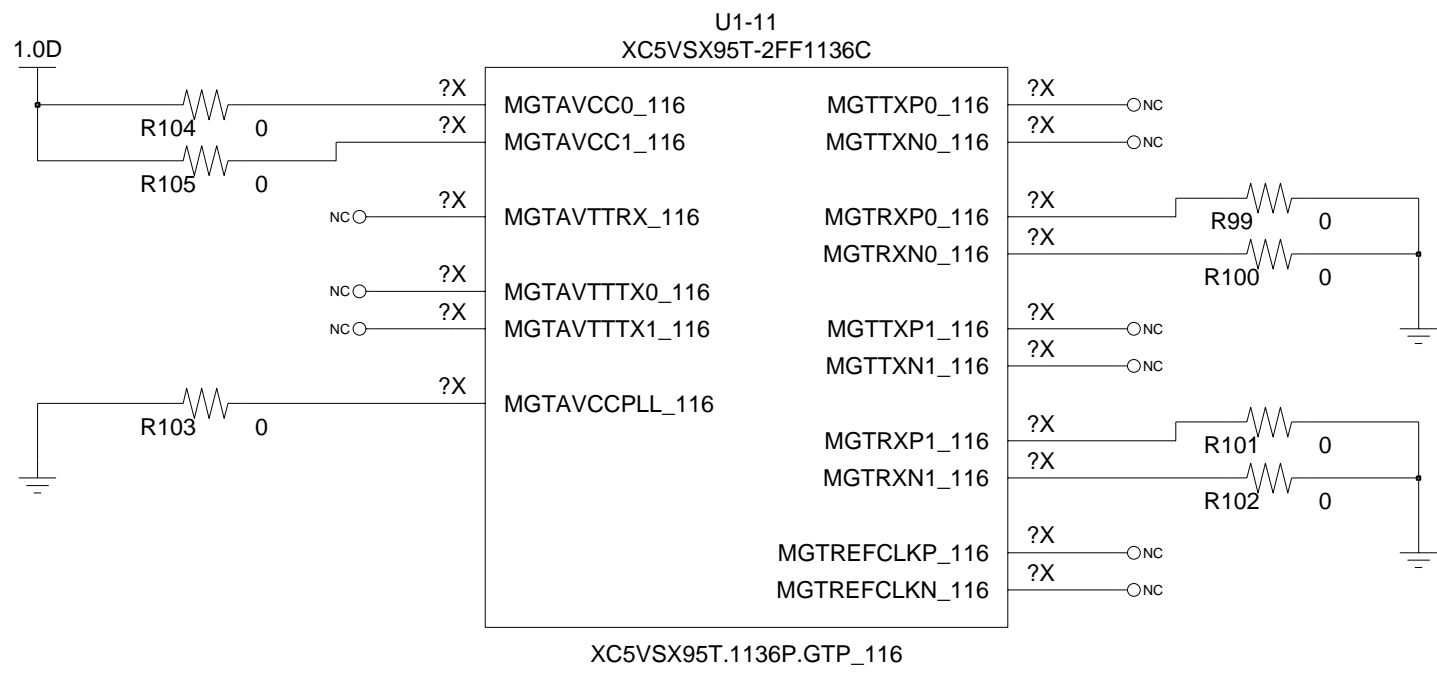
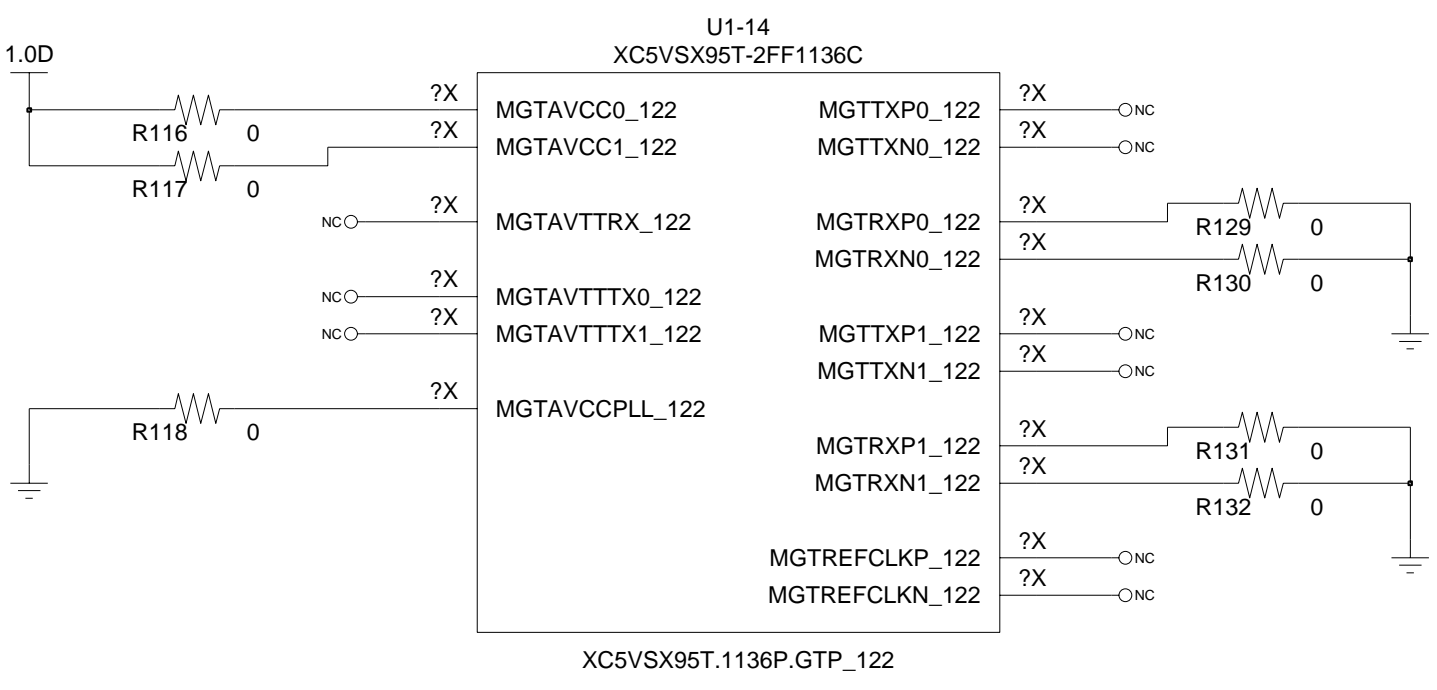
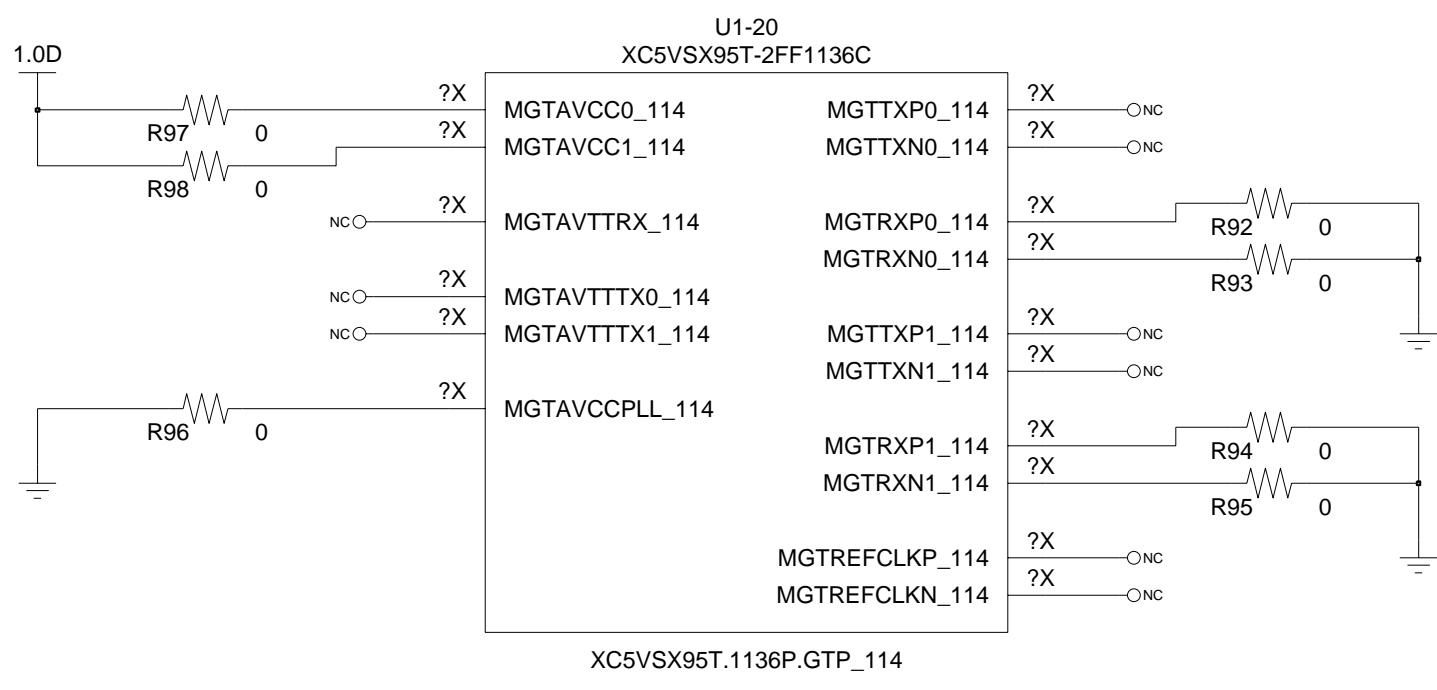
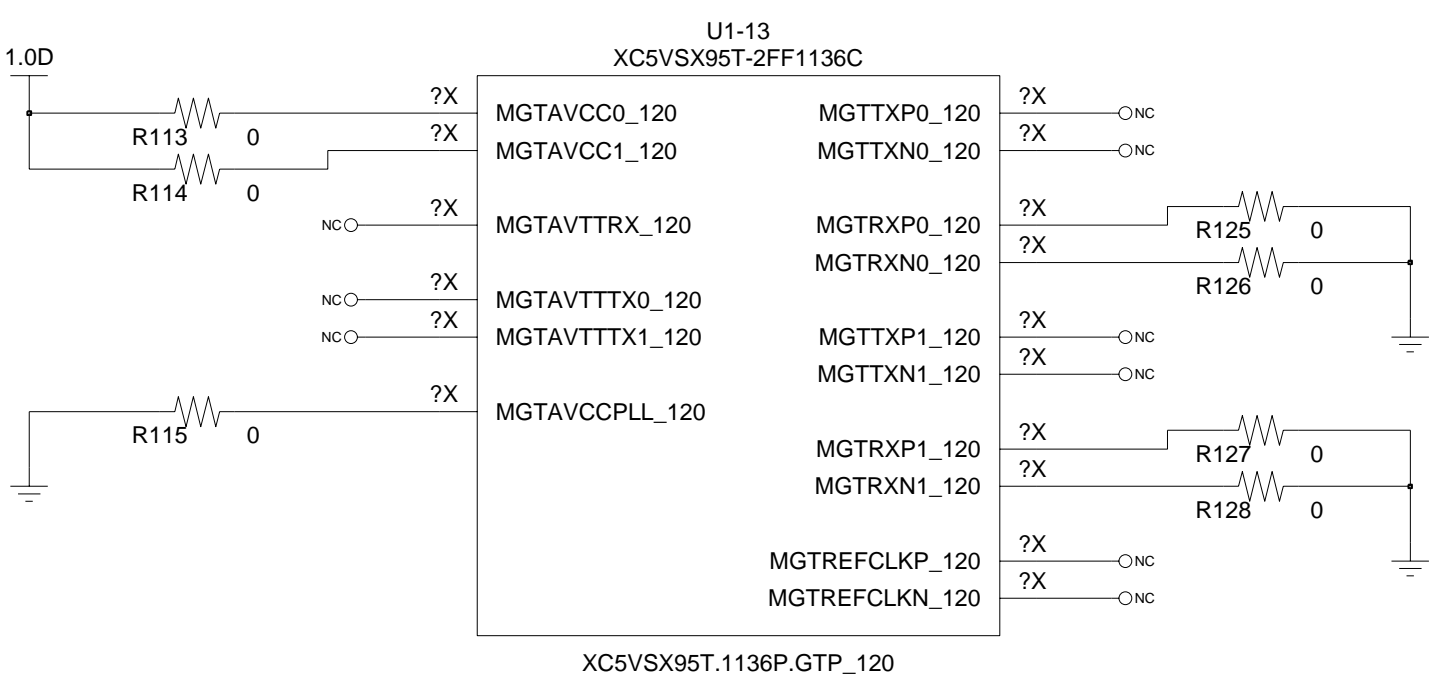
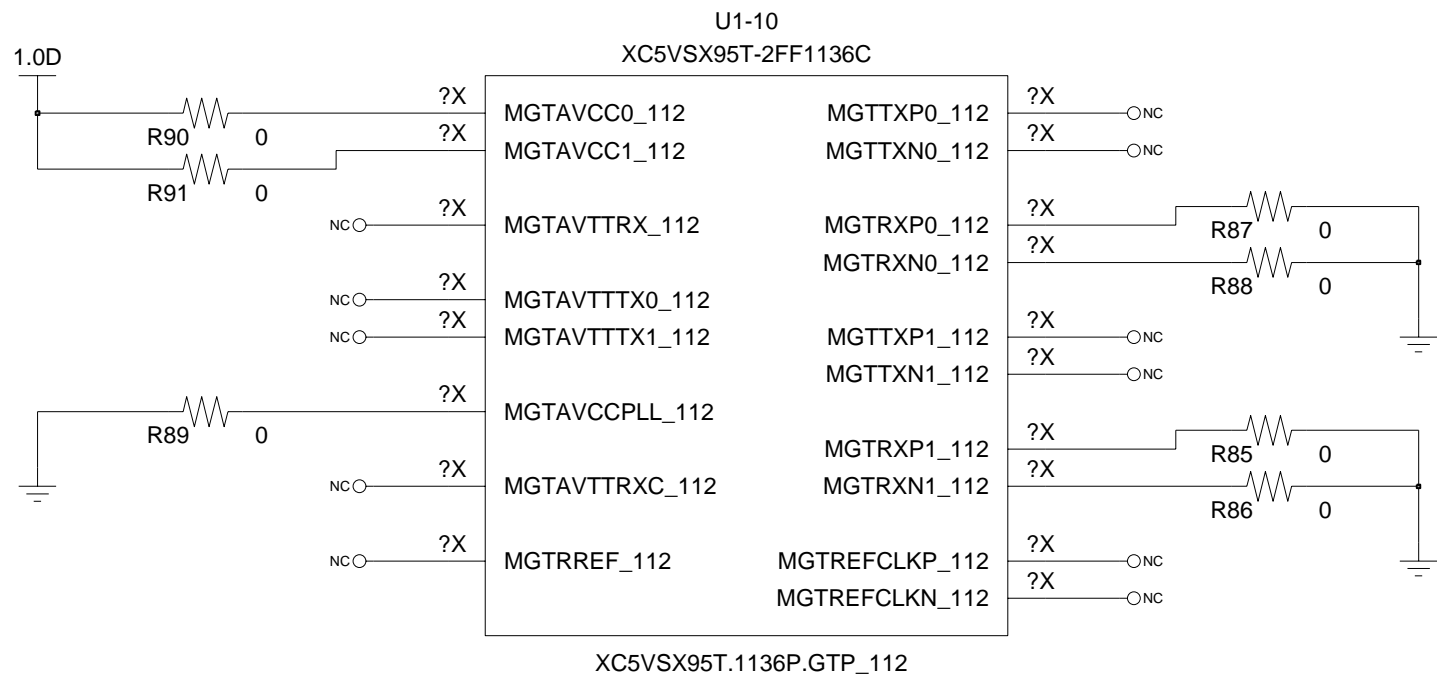


Bank voltage = 3.3 V

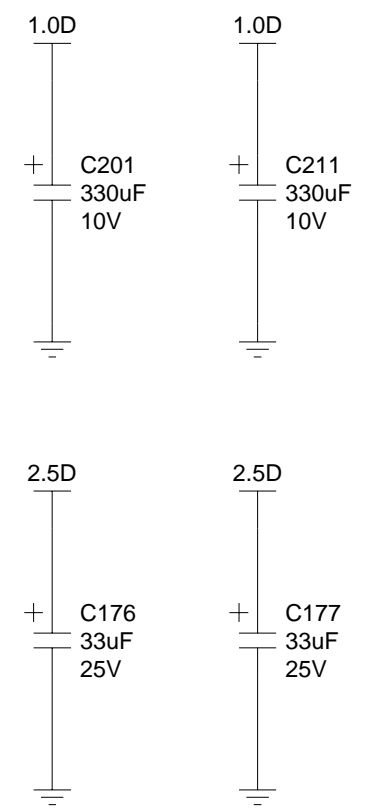
Bank voltage = 2.5 V



# FPGA\_PWR\_GND\_DECOUPLING



Decoupling caps per Xilinx recommendation in User Guide UG203



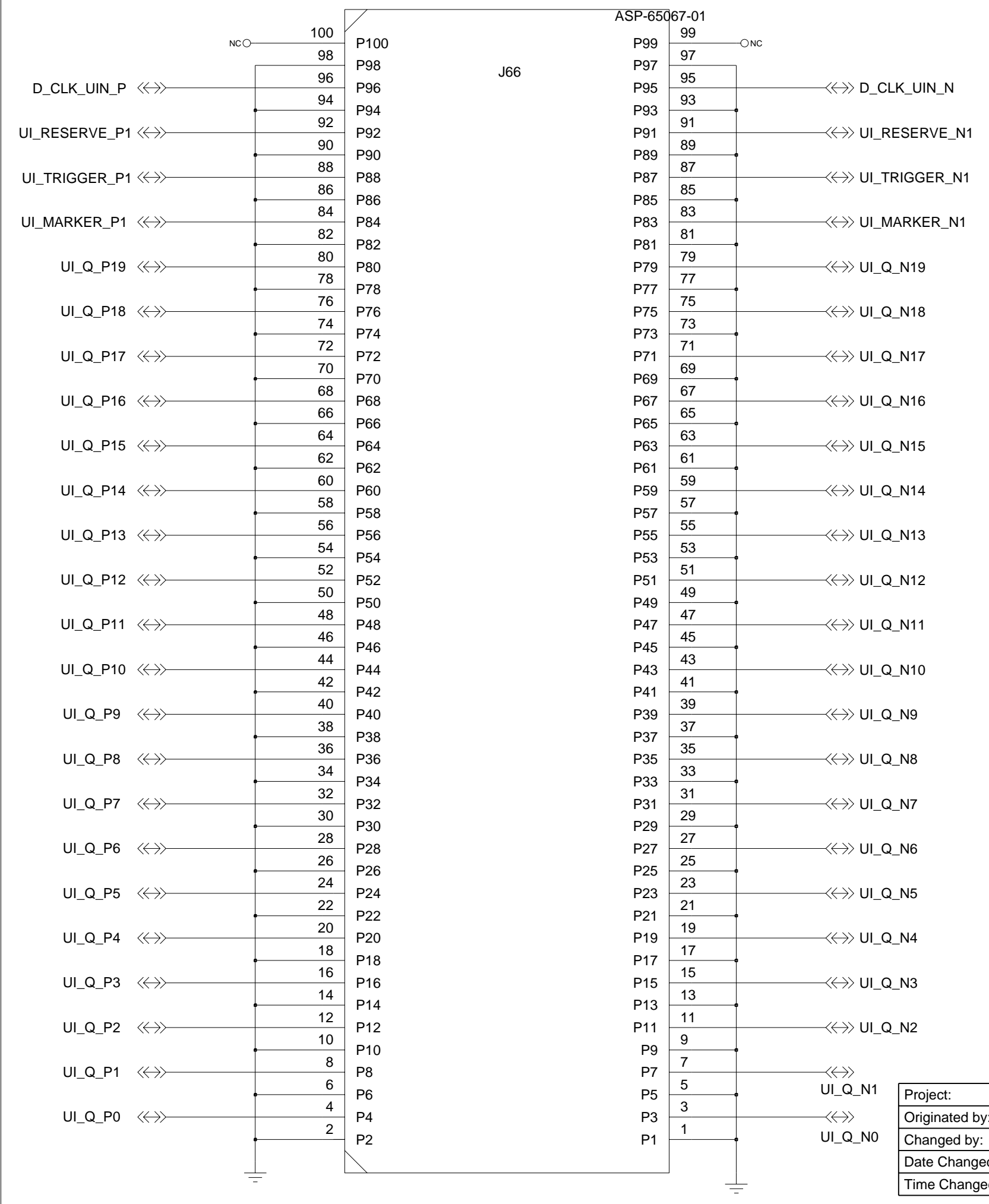
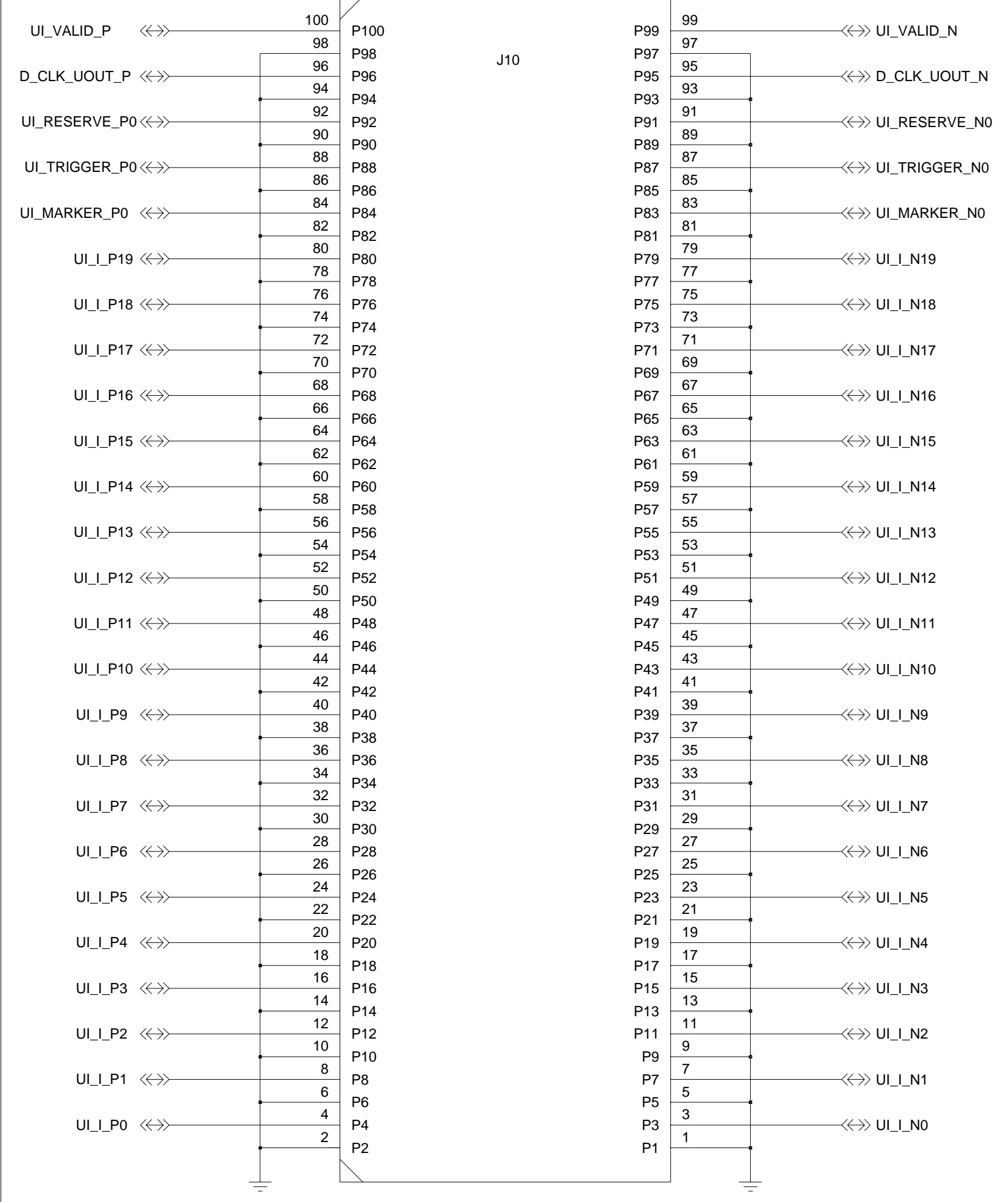
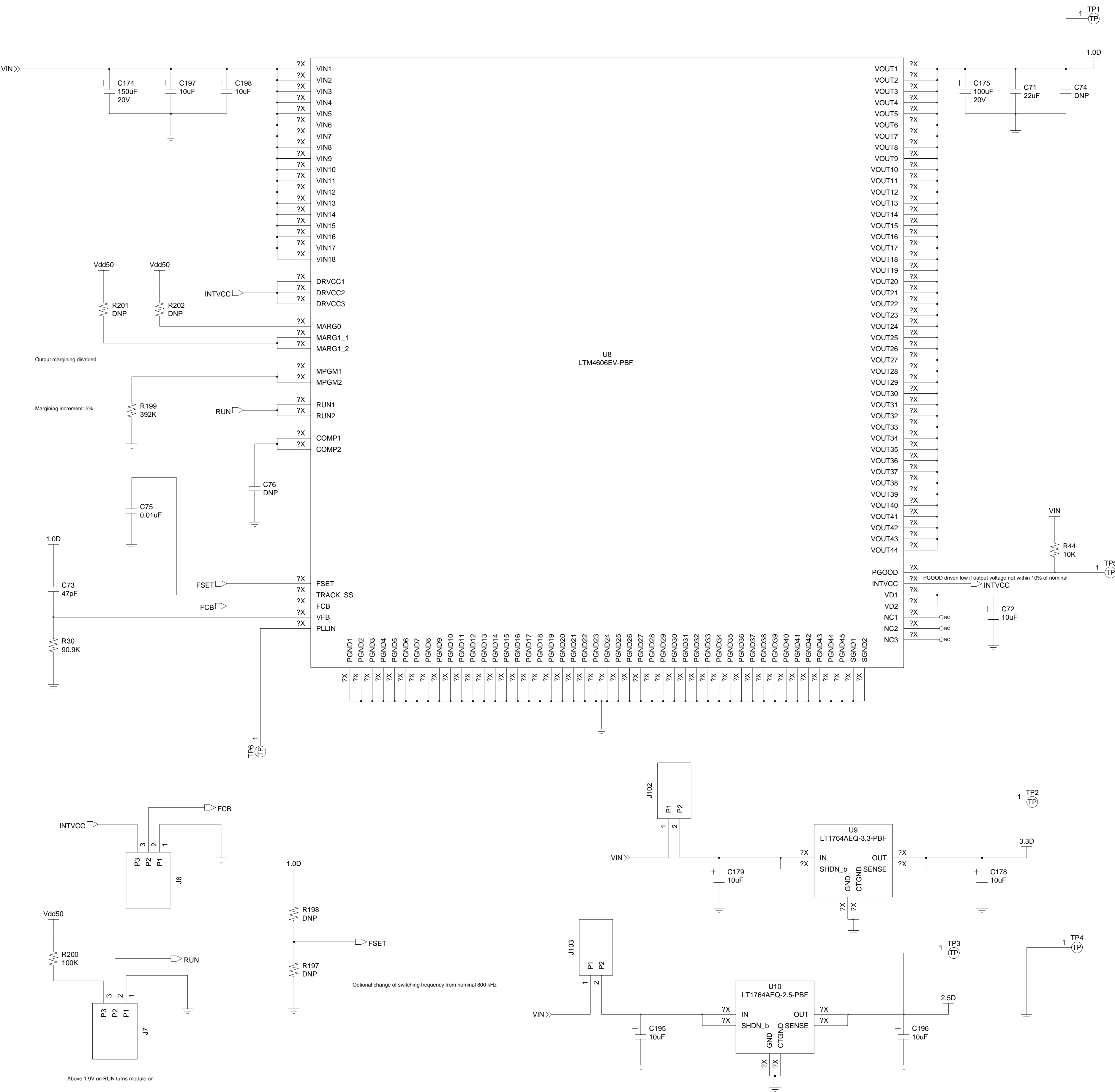
# FPGA\_GTPS

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Project:	RFIC	Page: 7	TITLE: rfic5_full_test_1395-xx05A	
Originated by:	DC	FPGA_GTPS, FPGA_PWR_GND_DECOUPLING		
Changed by:	DC	Assembly Part No:	1395-305	Rev: A
Date Changed:	JANUARY 23, 2009	PCB Part No:	1395-405-84	Rev: A
Time Changed:	1:17:03 PM	Schematic Part No:	1395-505	Rev: 20



SPROJ/rfci/designs/rfci5_full_test_1395xx05A				
Project:	RFIC	Page: 1	TITLE: rfci5_full_test_1395-x05A	
Originated by:	DC	E	GIGE_1 & GIGE_2	
Changed by:	DC	Assembly Part No: 1395-305		Rev: A
Date Changed:	JANUARY 23, 2009	PCB Part No: 1395-405-84		Rev: A
Time Changed:	1:17:45 PM	Schematic Part No: 1395-505		Rev: 59

# DIGITAL POWER SUPPLIES



## ROHDE CONNECTORS

SPROJ/rfrc/designs/rfrc5_full_test_1395xx05A			
Project:	RFIC	Page: 9	TITLE: rfic5_full_test_1395-x05A
Originated by:	DC	D	DGTL PWR SPLY & ROHDE CONNS
Changed by:	DC	Assembly Part No:	1395-305 Rev: A
Date Changed:	JANUARY 23, 2009	PCB Part No:	1395-405-84 Rev: A
Time Changed:	1:18:21 PM	Schematic Part No:	1395-505 Rev: 32