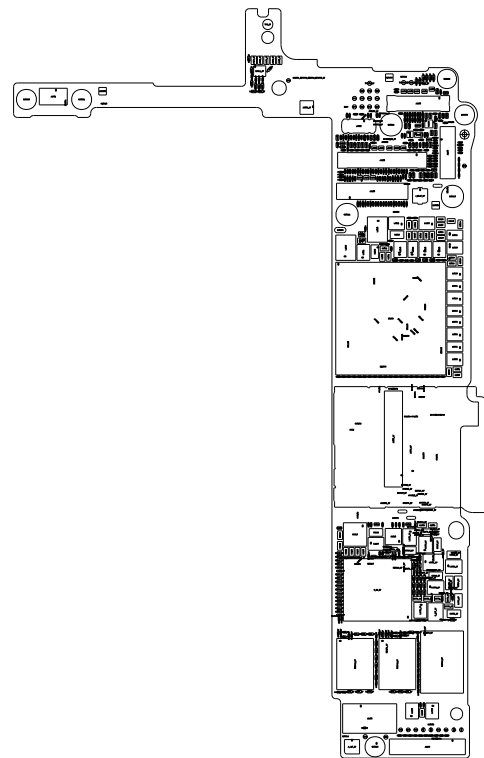
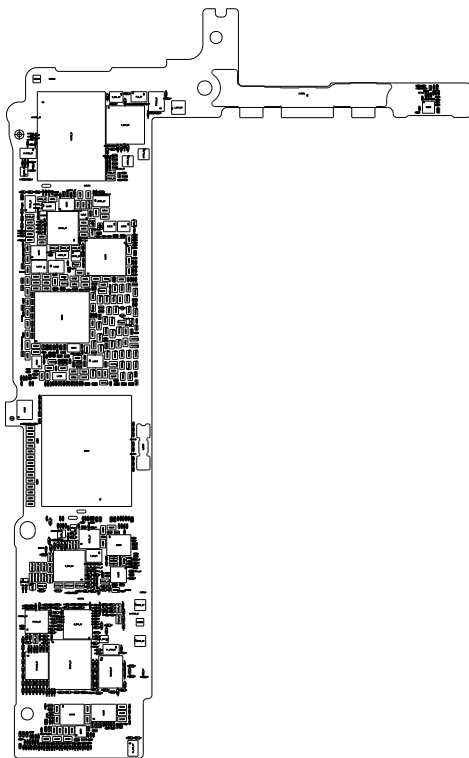


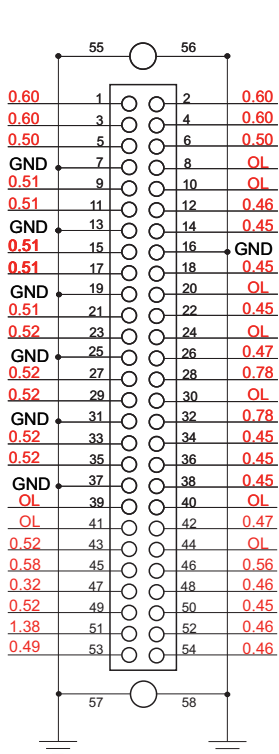
iFixit.Solutions

iPhone 6S Plus PCB Layout



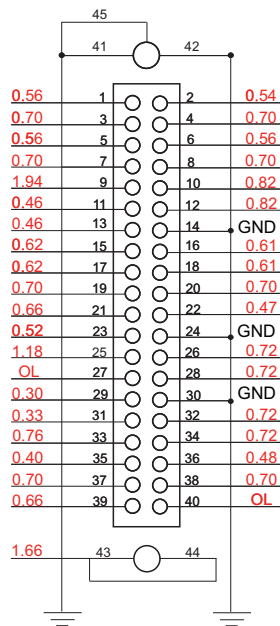
iPhone 6S Plus

J4200



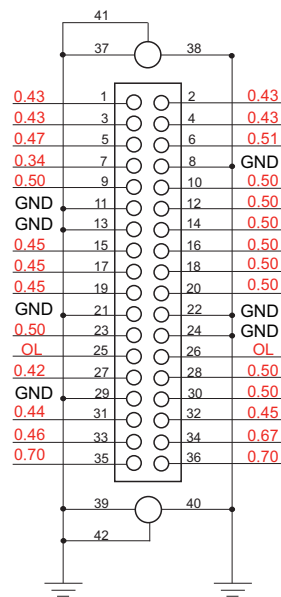
显示触摸集成

J4600



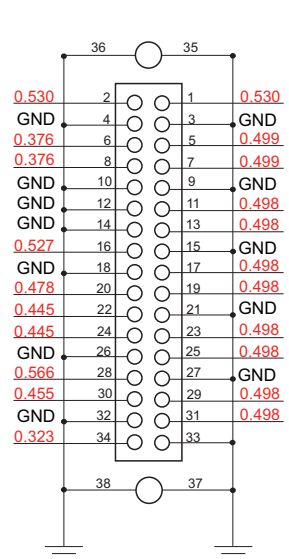
尾插

J3100



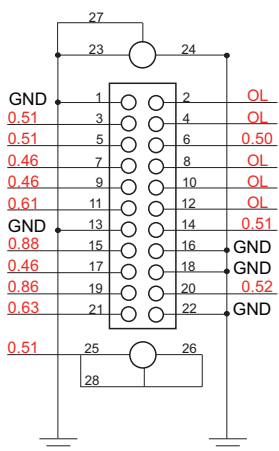
前置相机
听筒/MIC3
PROX/ALS

J3200



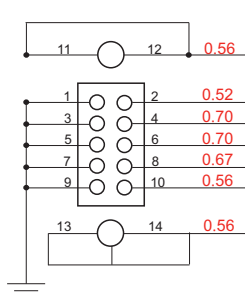
后置相机

J4100



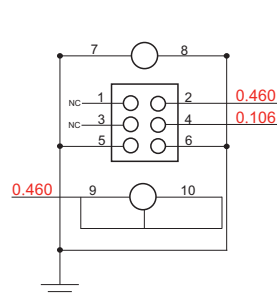
指纹/菜单

J4700



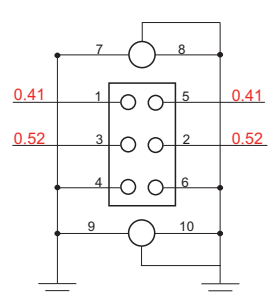
LED/MIC2
HOLD_KEY

J4701



RINGER
VOL_UP
VOL_DOWN

J2400



BATT

1. ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%.
2. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ.

REV

ECN

DESCRIPTION OF REVISION

APPD
DATE

2015-03-27

N66 MLB - DVT_AD

LAST_MODIFICATION=Sun NOV 18 18:50:11 2015

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6	7	SOC:PCIE		
7	8	SOC:CAMERA & DISPLAY		
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58		SIM		
59		WIFI/BT: WIFI/BT MODULE		
60		STOCKHOLM		

SCH 051-33994

BOM 639-00299 (BETTER)

BOM 639-01119 (BETTER, M)

BRD 820-28040

BOM 639-00301 (ULTRA)

BOM 639-01122 (ULTRA, M)

MC0 056-00472

BOM 639-00302 (SUPREME)

BOM 639-01125 (SUPREME, M)

BOM 639-01063 (BETTER, RF2)

BOM 639-01120 (BETTER, RF2, M)

BOM 639-01064 (ULTRA, RF2)

BOM 639-01123 (ULTRA, RF2, M)

BOM 639-01065 (SUPREME, RF2)

BOM 639-01126 (SUPREME, RF2, M)

BOM 639-01116 (BETTER, RFC)

BOM 639-01121 (BETTER, RFC, M)

BOM 639-01117 (ULTRA, RFC)

BOM 639-01124 (ULTRA, RFC, M)

BOM 639-01118 (SUPREME, RFC)

BOM 639-01127 (SUPREME, RFC, M)

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Schematic & PCB Callouts																																																																																																																																													
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377S0168	377																																																																																																																																												

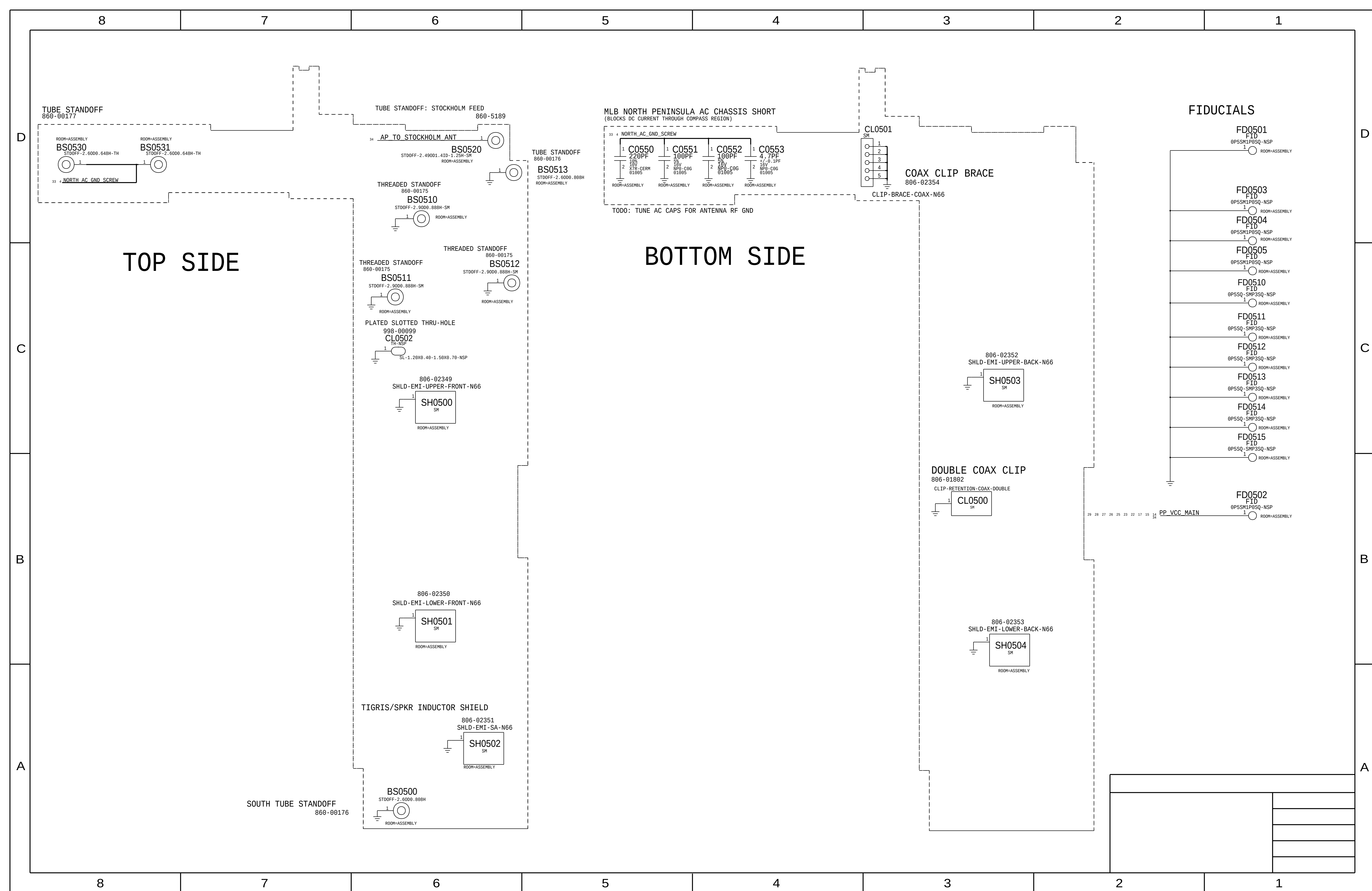
D

D

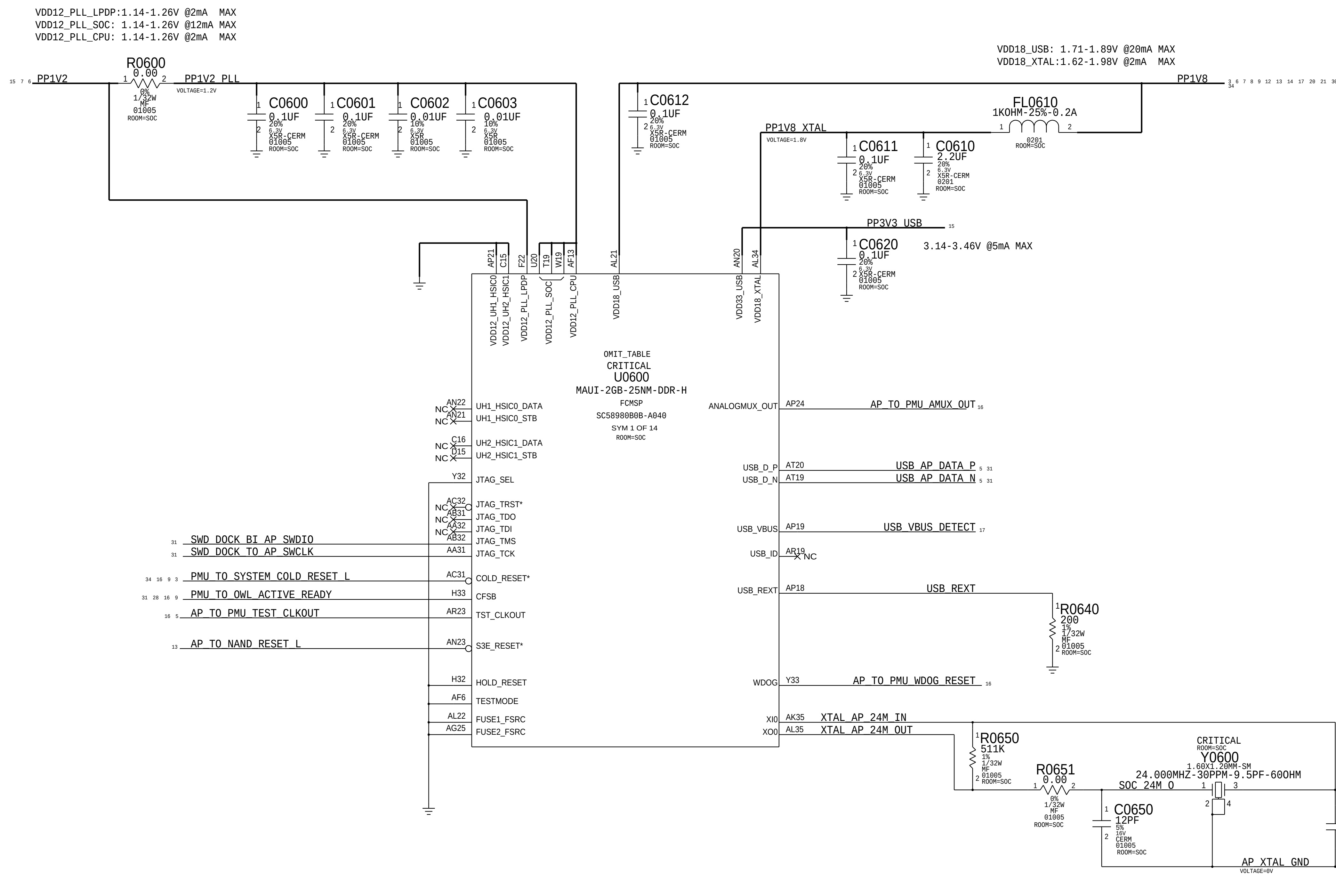
C

B

Δ



MAUI - USB, JTAG, XTAL



PROBE POINTS

31 USB_AP_DATA_P 1 SM PP0600
P3MM~NSM
R00H~SOC

31 USB_AP_DATA_N 1 SM PP0601
P3MM~NSM
R00H~SOC

16 AP_TO_PMU_TEST_CLKOUT 1 SM PP0610
P3MM~NSM
R00H~SOC

MAUI - PCIE INTERFACES

VDD12_PCIE_REFBUF:1.08-1.26V @50mA MAX
VDD12_PCIE_TXPLL: 1.08-1.32V @10mA MAX
VDD12_PCIE: 1.14-1.26V @115mA MAX
PP1V2

VDD085_PCIE:0.802-TBDV @TBDmA MAX
PP_FIXED

PCIE LINK 0

PCIE LINK 1

PCIE LINK 2

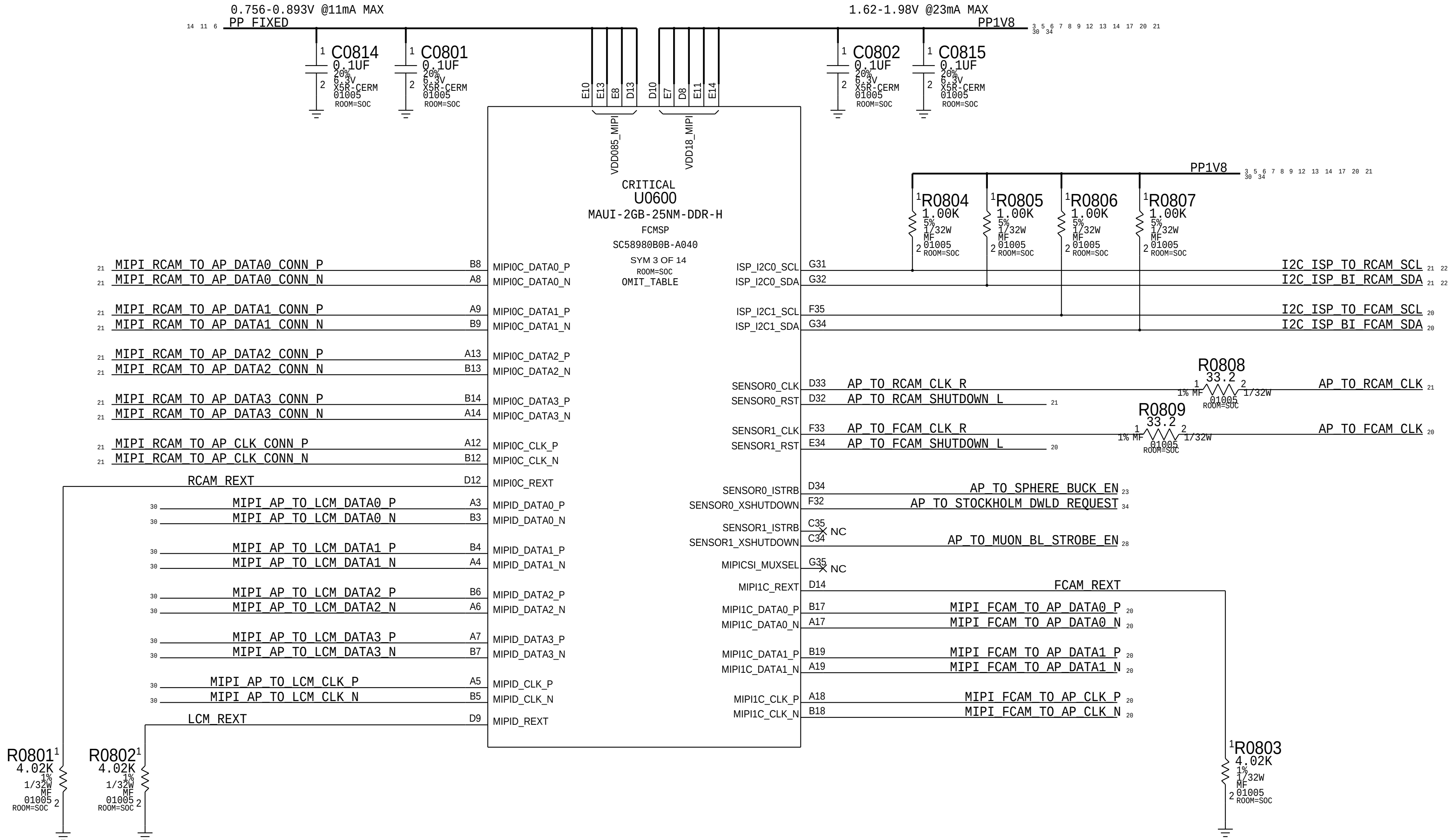
PROBE POINTS

PCIE RX CAPS ARE PLACED CLOSER TO TX DRIVERS
PROBE POINTS ADDED FOR MEASUREMENTS AT RX DRIVER

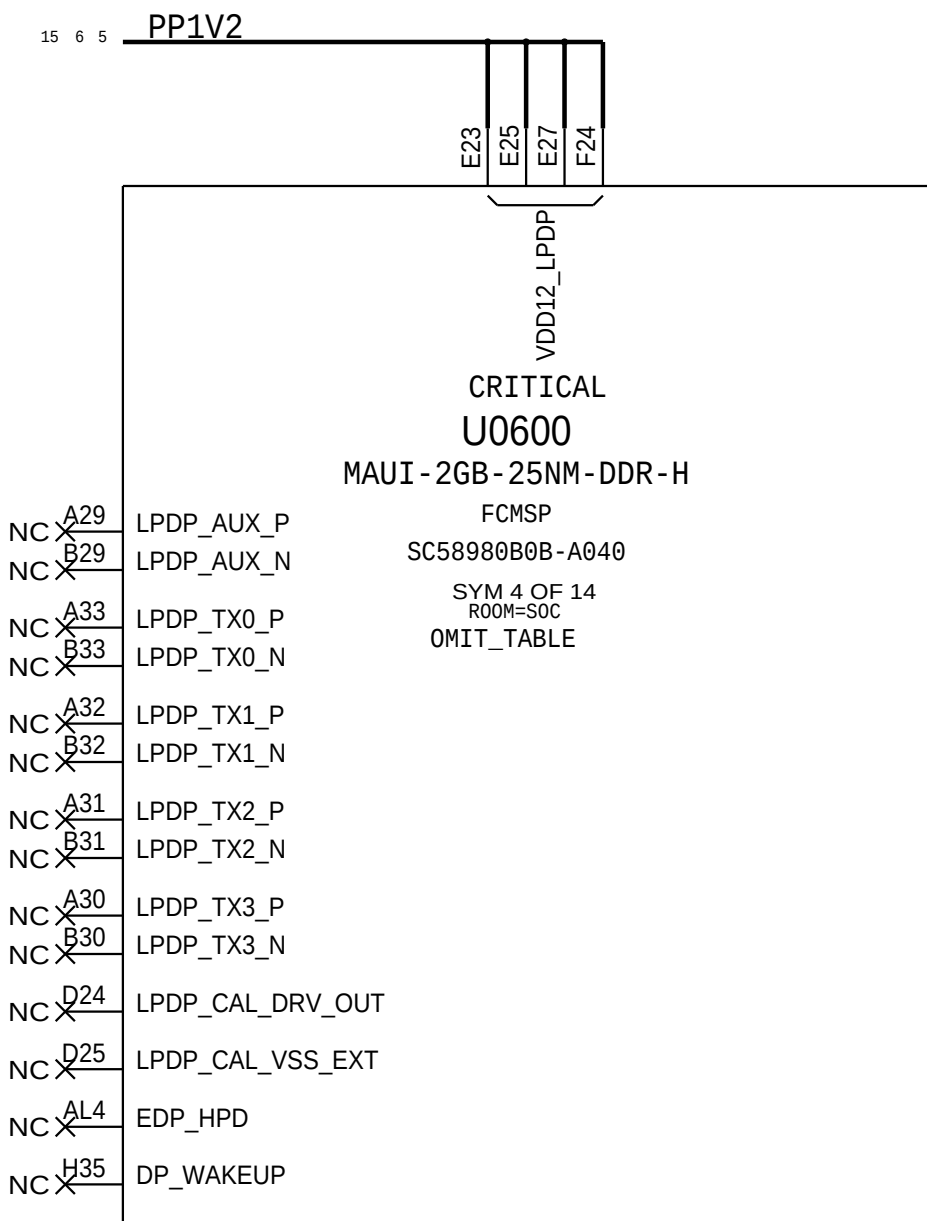
PCIE BB TO AP RXD C P
PCIE BB TO AP RXD C N

PP0706
PP0707

MAUI - CAMERA & DISPLAY INTERFACES



NOTE:VDD12_LPDP SHOULD BE POWERED
EVEN WHEN LPDP IS NOT USED



D



C



A



Diagram illustrating the connection of the U0900 microcontroller to the PP1V8 power supply and I2C SEP TO EEPROM SCL.

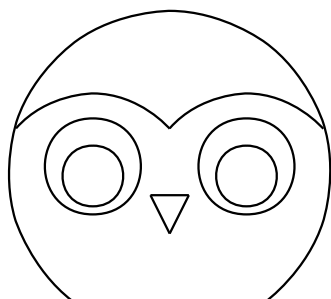
The U0900 is connected to the PP1V8 supply via a 1.0uF capacitor (C0900) and a 20kV resistor (R0900). The U0900 is labeled M34128-FCS6 and P/T. The chip is also labeled U0900 and ROOM=SOC.

The U0900 has four pins labeled B1, B2, A1, and A2. The connections are as follows:

- B1 is connected to SCL.
- B2 is connected to VSS.
- A1 is connected to VCC (CRITICAL).
- A2 is connected to SDA.

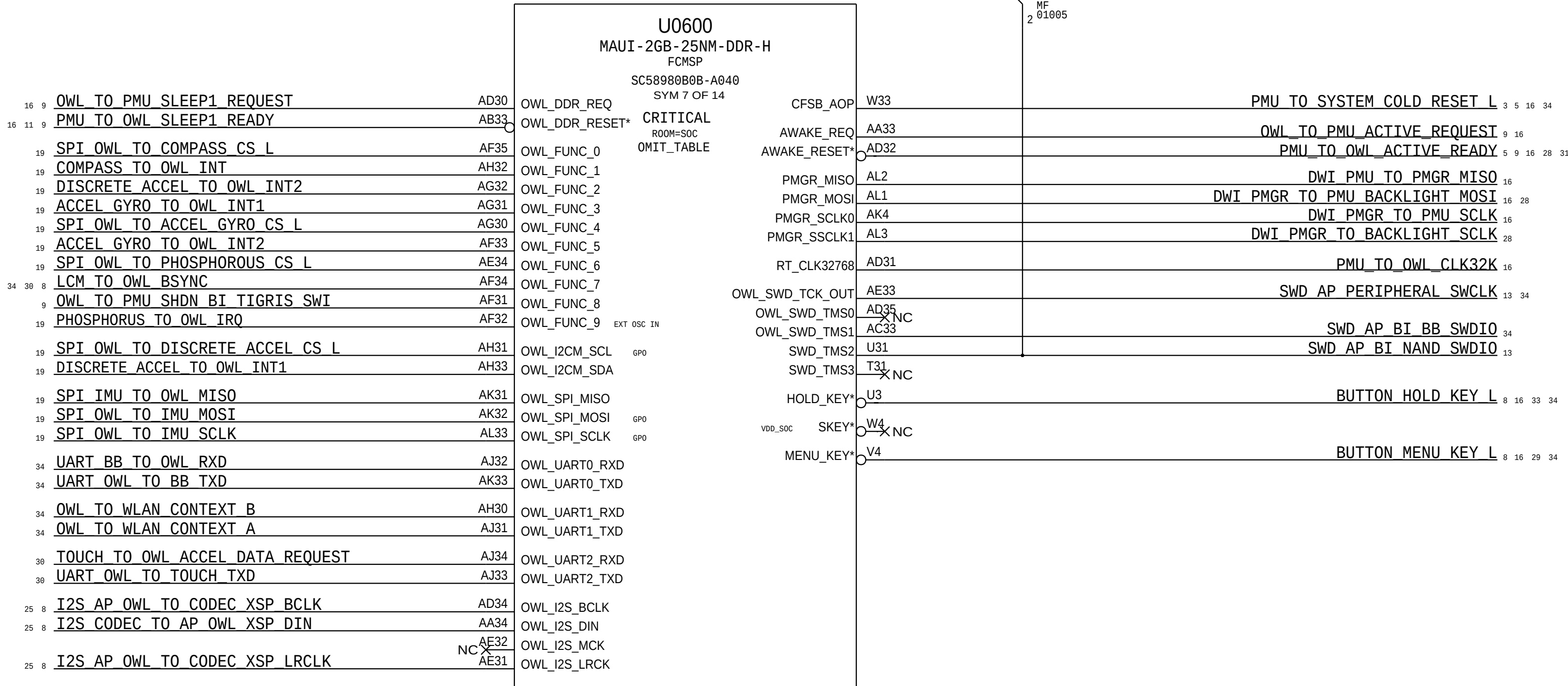
The I2C SEP TO EEPROM SCL connection is shown on the right side of the diagram.

MAUI - OWL

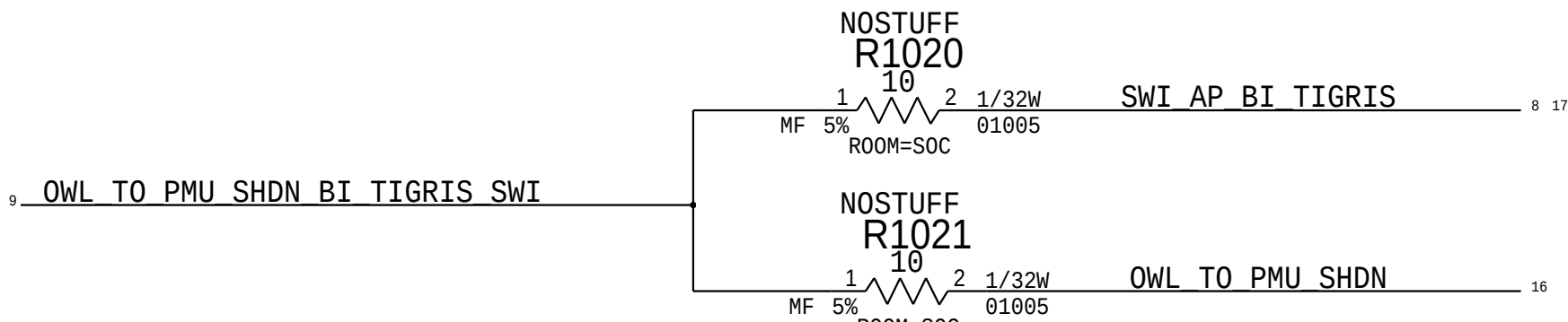


POWER STATE CONTROL PROBE POINTS

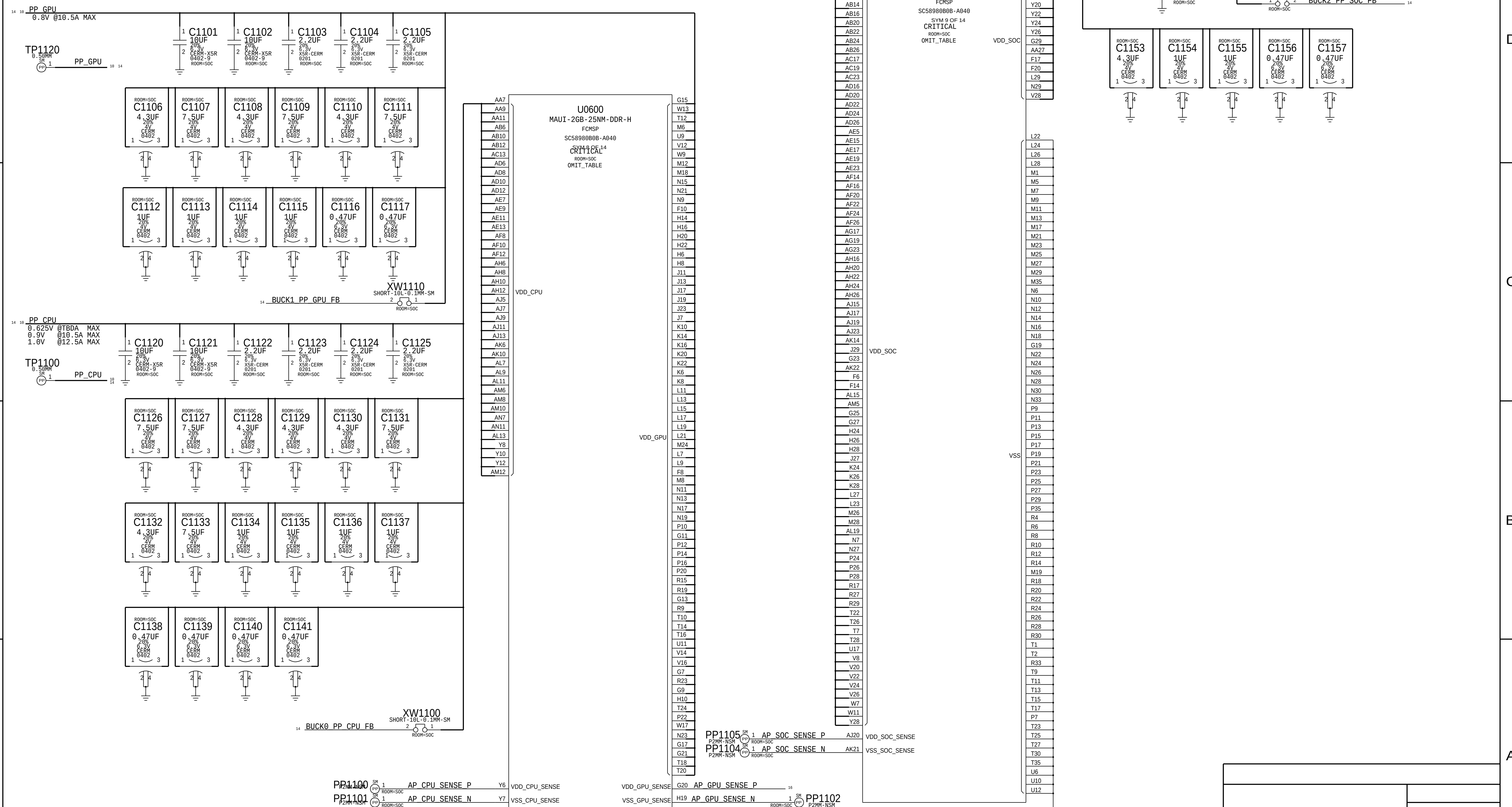
16	9	OWL_TO_PMU_ACTIVE_REQUEST	1	SW (PP)	PP1020			
31	28	16	9	5	PMU_TO_OWL_ACTIVE_READY	1	SW (PP)	PP1021
16	9	OWL_TO_PMU_SLEEP1_REQUEST	1	SW (PP)	PP1022			
16	11	9	PMU_TO_OWL_SLEEP1_READY	1	SW (PP)	PP1023		



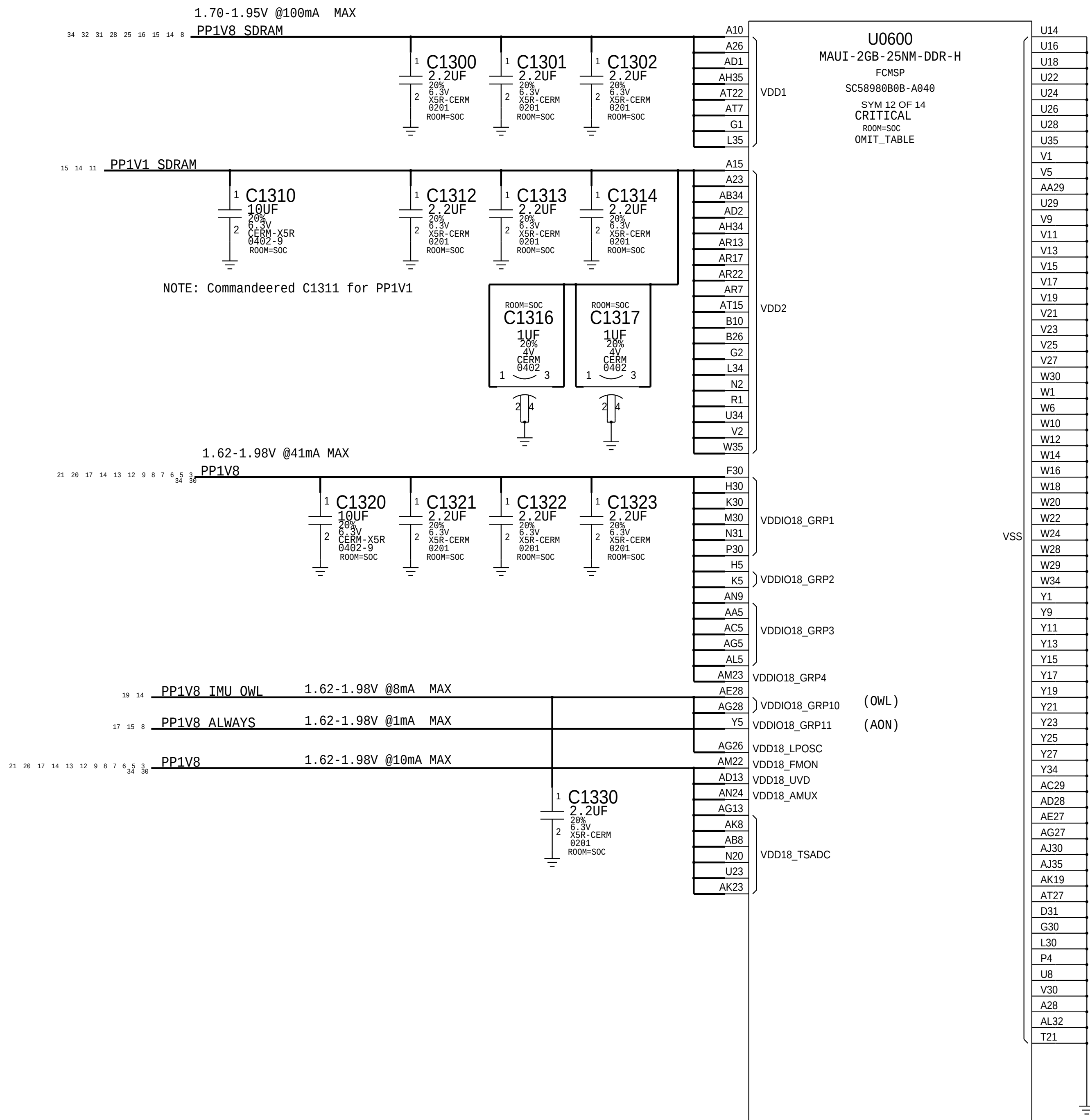
OWL SYSTEM SHUTDOWN OPTION



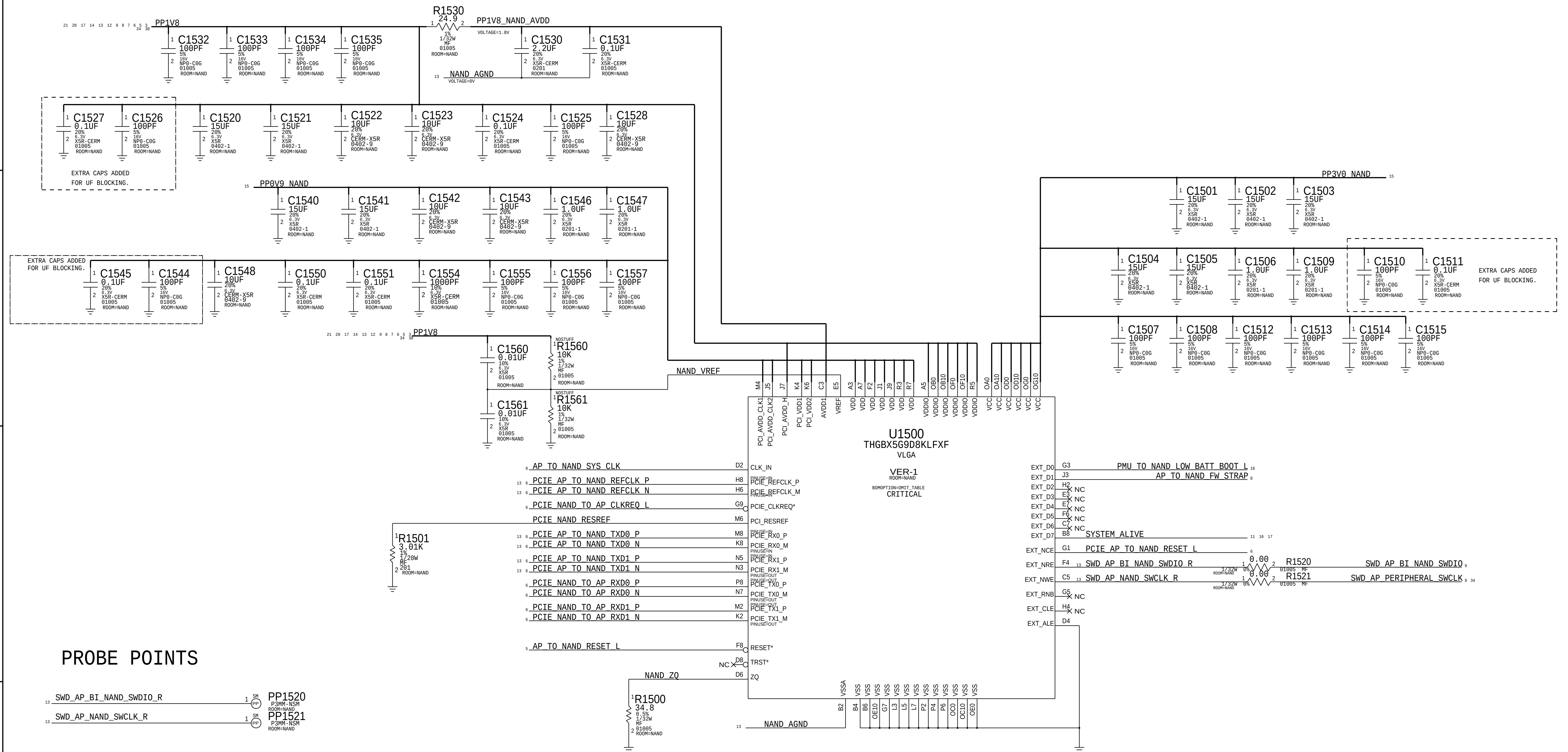
MAUI - CPU, GPU & SOC RAILS



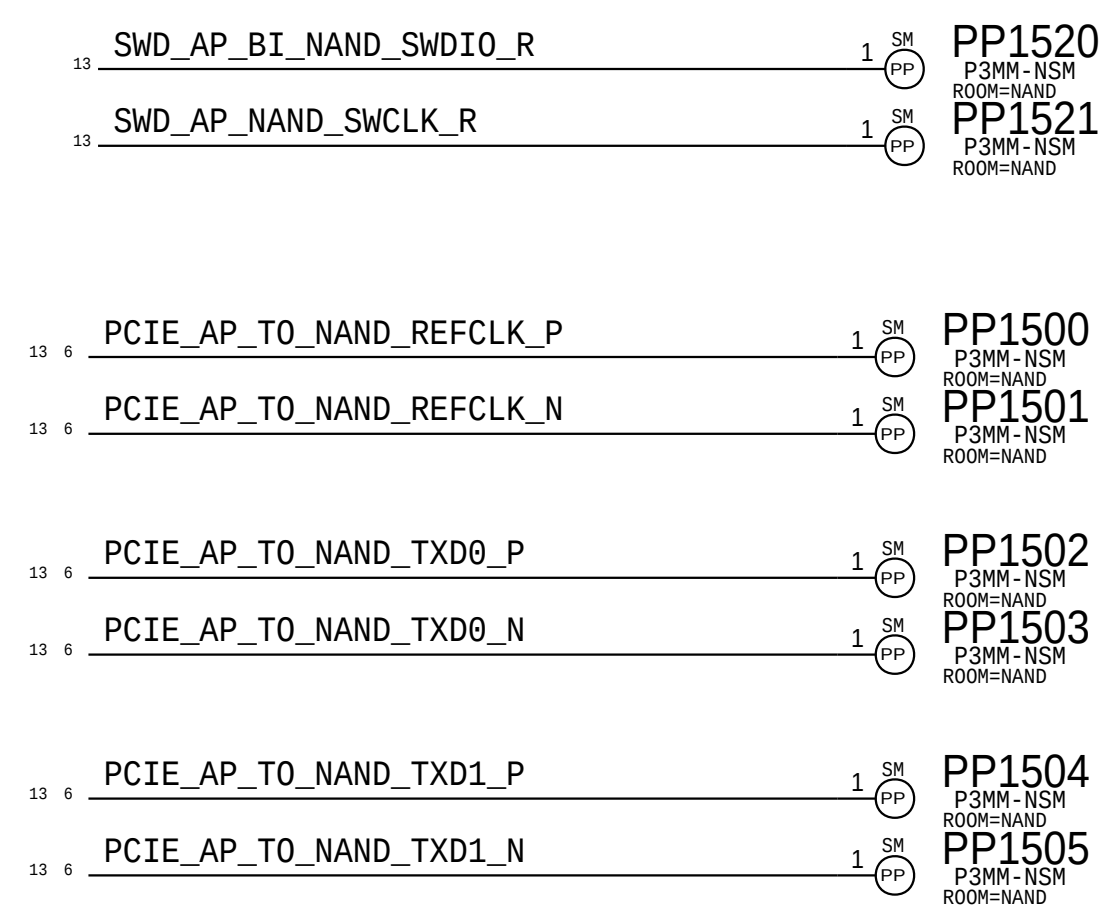
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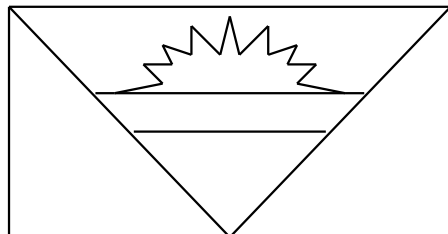
S3E NAND



PROBE POINTS



ANTIGUA PMU - Buck Supplies



D

C

B

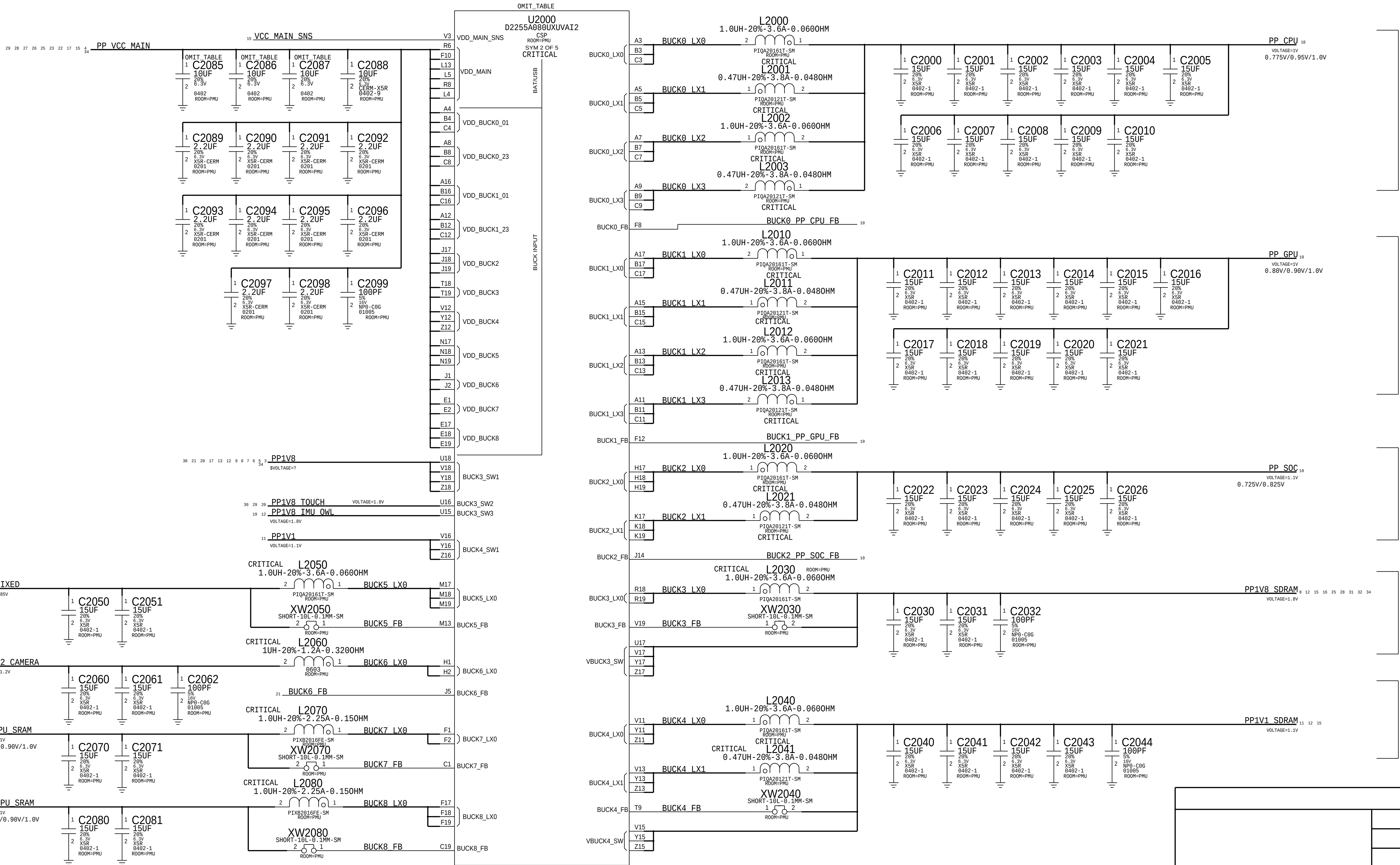
A

D

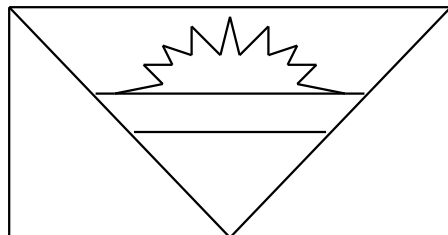
C

B

A



ANTIGUA PMU - LDOs



ANTIGUA LDO SPECS

LDO#	ADJ . RANGE	ACCURACY	MAX . CURRENT
LD01 (A)	2.5-3.3V	+/-1.4%	50mA
LD02 (B)	1.2-2.0V	+/-2.5%	50mA
LD03 (A)	2.5-3.3V	+/-1.4%	50mA
LD04 (D)	0.7-1.2V	+/-2.5%	100mA
LD05 (F)	2.5-3.3V	+/-2.5%	1000mA
LD06 (C1)	1.2-3.6V	+/-2.5%	150mA
LD07 (C)	2.5-3.3V	+/-25mV	250mA
LD08 (C)	2.5-3.3V	+/-25mV	250mA
LD09 (C)	2.5-3.3V	+/-25mV	250mA
LD010 (G)	0.7-1.2V	+/-5.5%	1335mA
LD011 (C)	2.5-3.3V	+/-25mV	250mA
LD012 (E)	1.8V	+/-5%	10mA
LD013 (C)	2.5-3.3V	+/-25mV	250mA
LD014 (H)	0.8-1.5V	+/-2.5%	250mA
LD015 (B)	1.2-2.0V	+/-2.5%	50mA

D

D

C

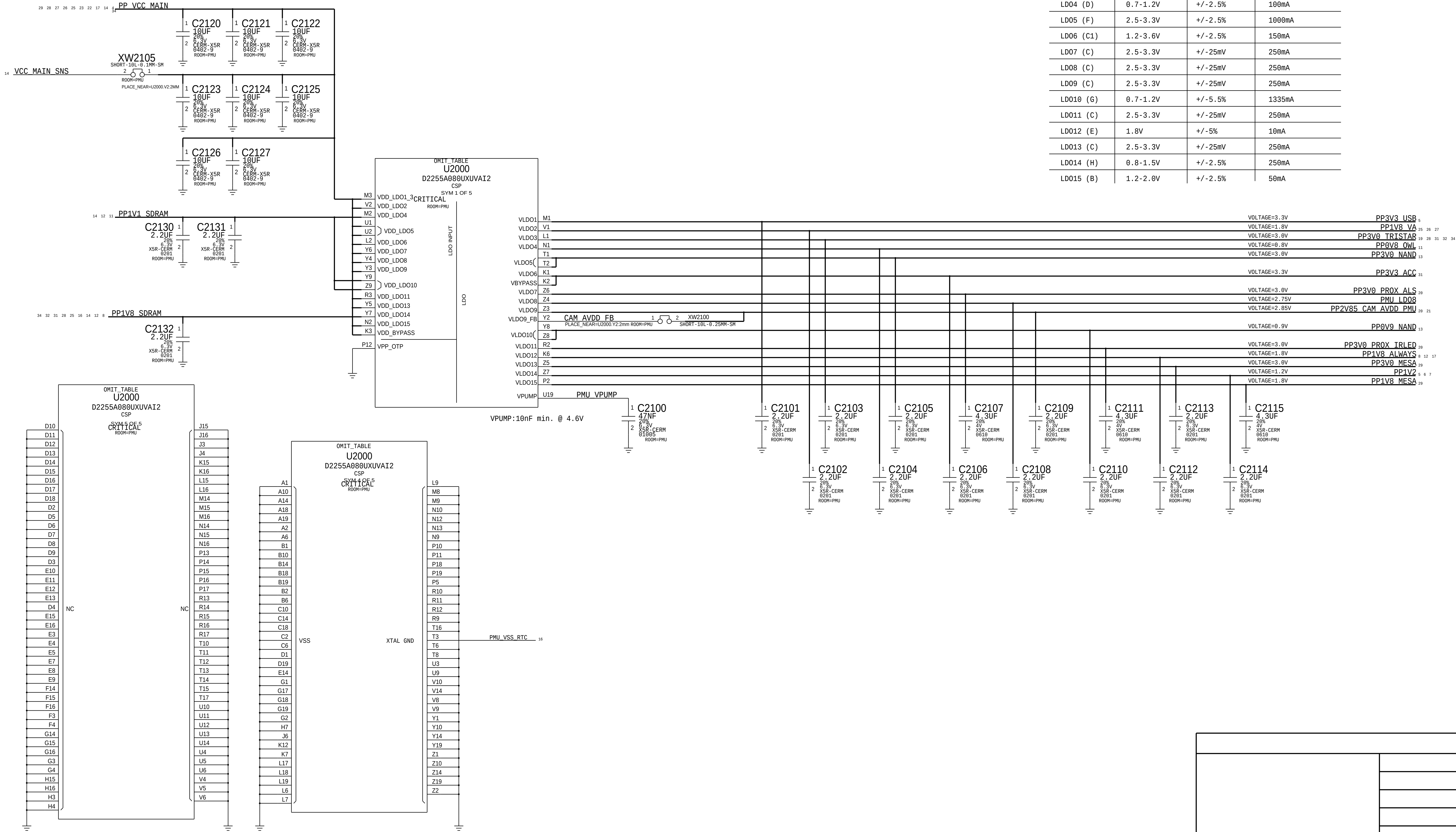
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B

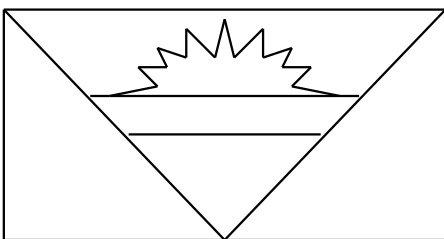
B

A

A



ANTIGUA PMU - GPIOs, NTCs



CONTROL PIN NOTES:

NOTE (1):INPUT PULL-DOWN 100-300k

NOTE (2):INPUT PULL-DOWN 1M

NOTE (3):INPUT PULL-UP OR DOWN 100k-300k

NOTE (4):OUTPUT OPEN-DRAIN, REQUIRES PULL-UP

34 32 31 28 25 15 14 12 8_PP1V8_SDRAM

34 9 5 3_PMU TO SYSTEM COLD RESET L

17 13 11_SYSTEM ALIVE

5 AP TO PMU WDOG RESET P7
31 TRISTAR TO PMU HOST RESET P8
8 AP TO PMU SOCHOT1 L P9
9 OWL TO PMU SHDN K4
9 OWL TO PMU SLEEP1 REQUEST N3
11 9 PMU TO OWL SLEEP1 READY N7
9 OWL TO PMU ACTIVE REQUEST P3
31 28 9 5 PMU TO OWL ACTIVE READY P4
9 PMU TO OWL CLK32K T4
34 16 PMU TO WLAN CLK32K R4

8 PMU TO AP IRQ L L8
34 28 16 8 I2C0 AP SCL R7
34 28 8 I2C0 AP SDA T7

9 DWI PMGR TO PMU SCLK U7
28 9 DWI PMGR TO PMU BACKLIGHT MOSI U8
9 DWI PMU TO PMGR MISO V7

5 AP TO PMU AMUX OUT F13
23 SPHERE REF TO AMUX G13
34 33 16 8 BUTTON RINGER A J12
34 33 8 BUTTON VOL UP L H13
34 33 8 BUTTON VOL DOWN L H14
38 28 LCM TO CHESTNUT PWR EN K10
31 16 TRISTAR TO PMU USB BRICK ID K11
28 16 CHESTNUT TO PMU ADCMUX K13
3 PMU AMUX AY J13
34 BB TO PMU AMUX SMPS1 N11
34 BB TO PMU AMUX SMPS3 M12

34 16 PMU TO WLAN CLK32K L14
34 BB TO PMU AMUX LD011 SIM1 L12
5 AP TO PMU TEST CLKOUT M11
34 BB TO PMU AMUX SMPS4 L10
3 PMU AMUX BY K14

FOREHEAD NTC M6
REAR CAMERA NTC M7
RADIO PA NTC N4
AP NTC N5
PMU TCAL N6

PMU XTAL1 P1
PMU XTAL2 R1

PMU VDD_RTC P6

1 C2250 100PF 5V NP0-100 01005 ROOM=PMU
2 0.1MM-SM

1 R2250 3.92K 5V 0.1MM-SM
2 0.1MM-SM

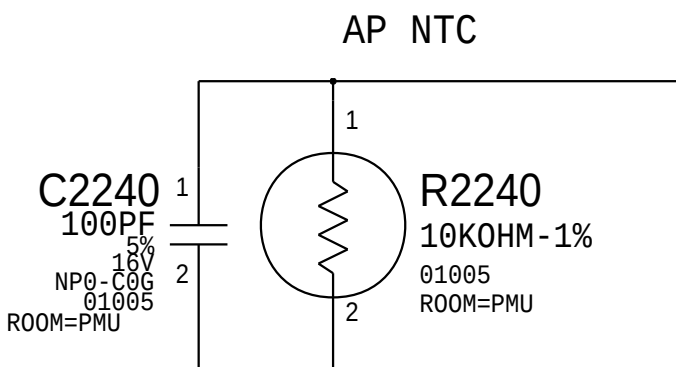
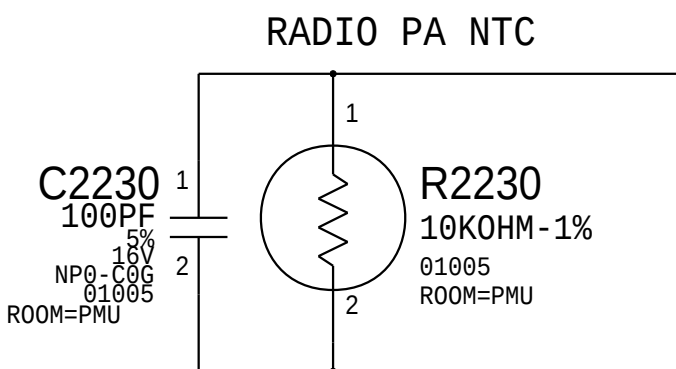
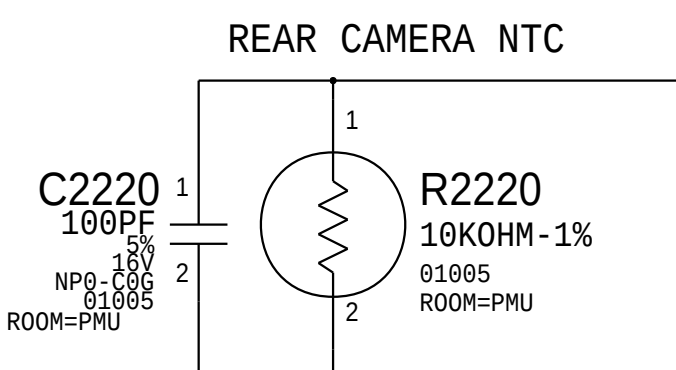
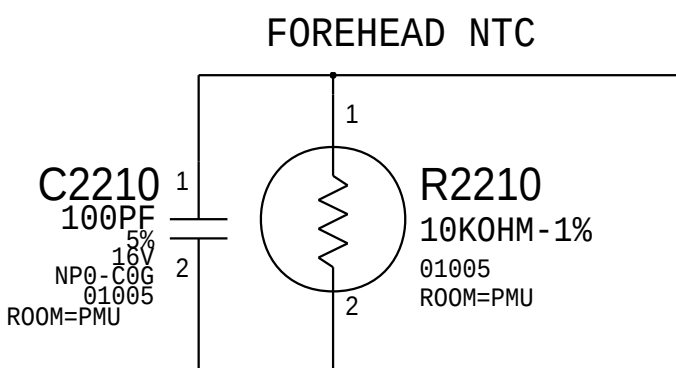
1 C2200 18PF 5V NP0-100 01005 ROOM=PMU
2 0.1MM-SM

CRITICAL Y2200 32.768KHZ-20PPM-12.5PF
1 1.60X1.90-SM
2 0.1MM-SM

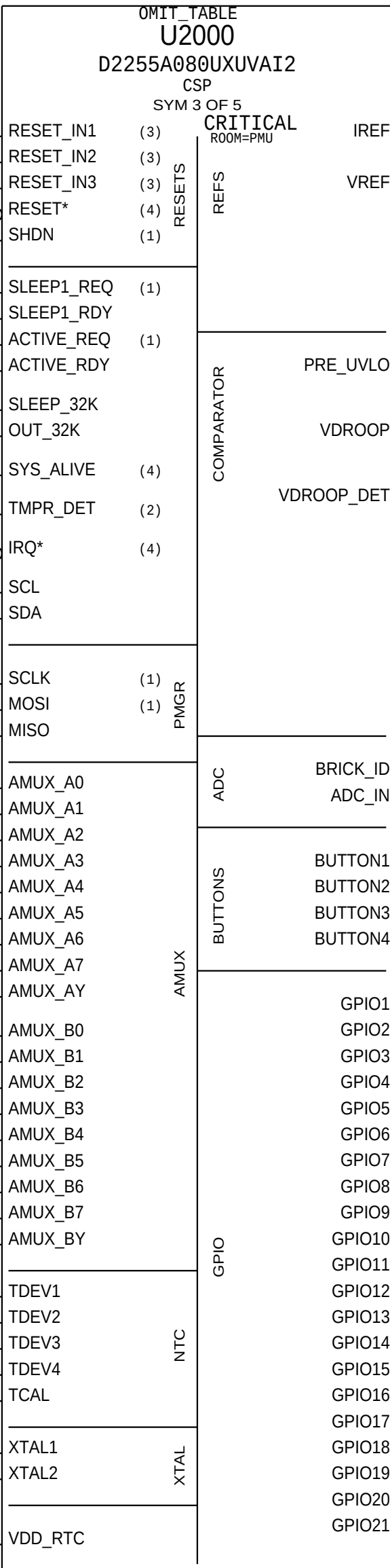
1 C2200 18PF 5V NP0-100 01005 ROOM=PMU
2 0.1MM-SM

1 C2201 18PF 5V NP0-100 01005 ROOM=PMU
2 0.1MM-SM

XW2200 SHORT-10L-0.1MM-SM
1 0.1MM-SM
2 0.1MM-SM



NOTE:100PF CAPS ARE THE SAMPLING CAPS FOR PMU ADC



1 R2270 200K 5V 0.1MM-SM
2 0.1MM-SM

1 R2201 0.00 1/32W 01005
2 0.1MM-SM

1 R2205 150 1/32W 01005
2 0.1MM-SM

NOTE:VDR00P_DET R/C Low-pass Fc=1.06MHz

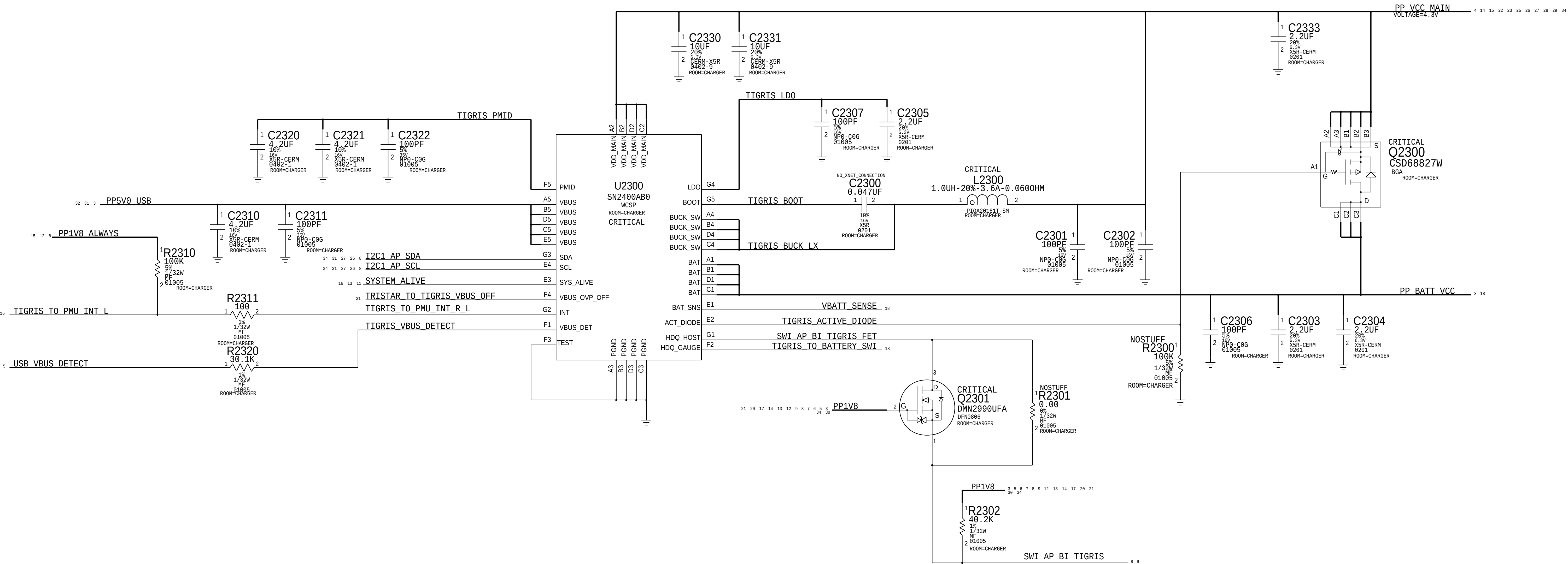
1 C2203 1000PF 5V NP0-100 01005 ROOM=PMU
2 0.1MM-SM

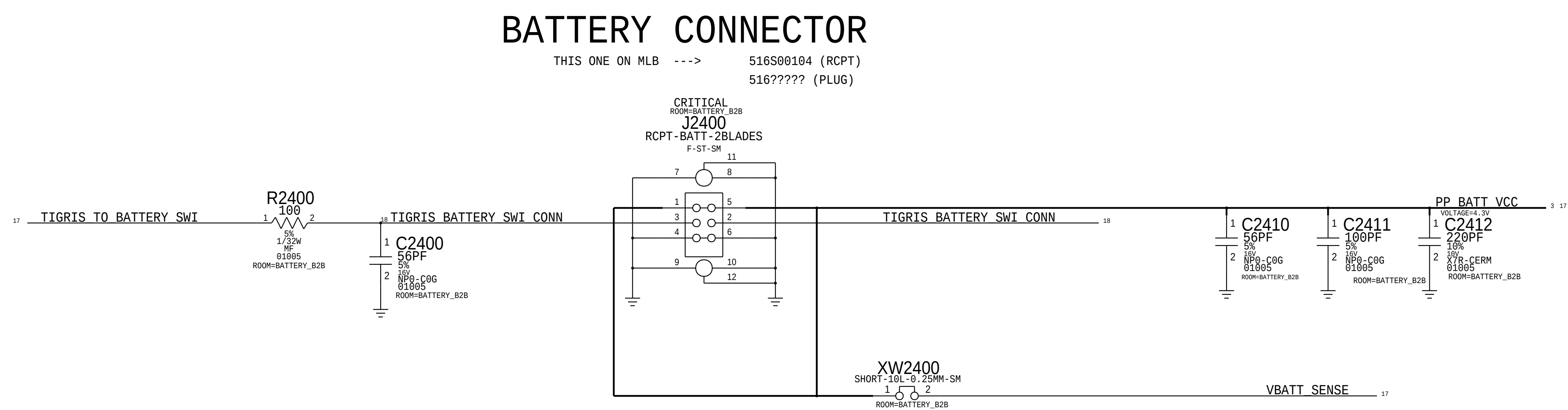
BUTTON1 + BUTTON2 ASSERTED FOR >TBD SECONDS CAUSES TWO-FINGER RESET

1 R2200 1.00K 5V 0.1MM-SM
2 0.1MM-SM

TIGRIS CHARGER

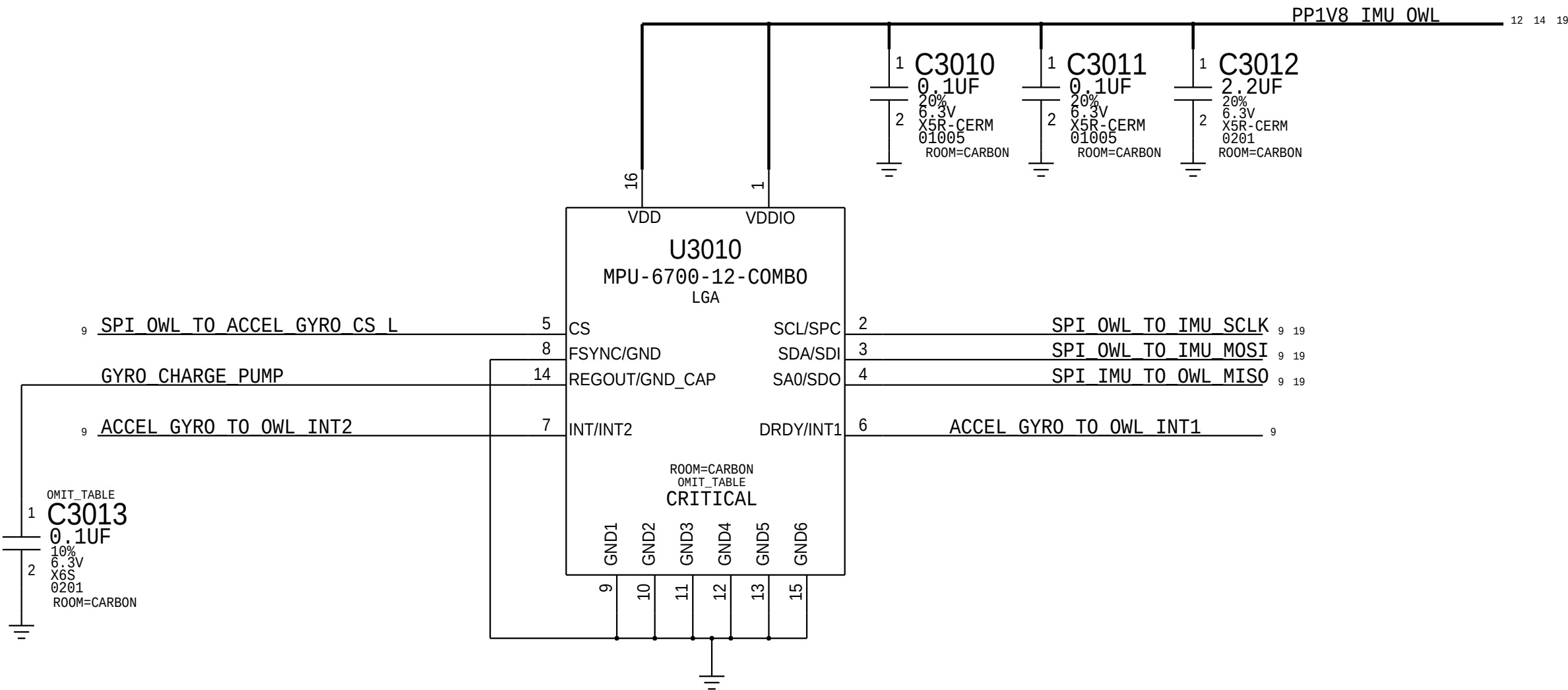
APN:343S0693





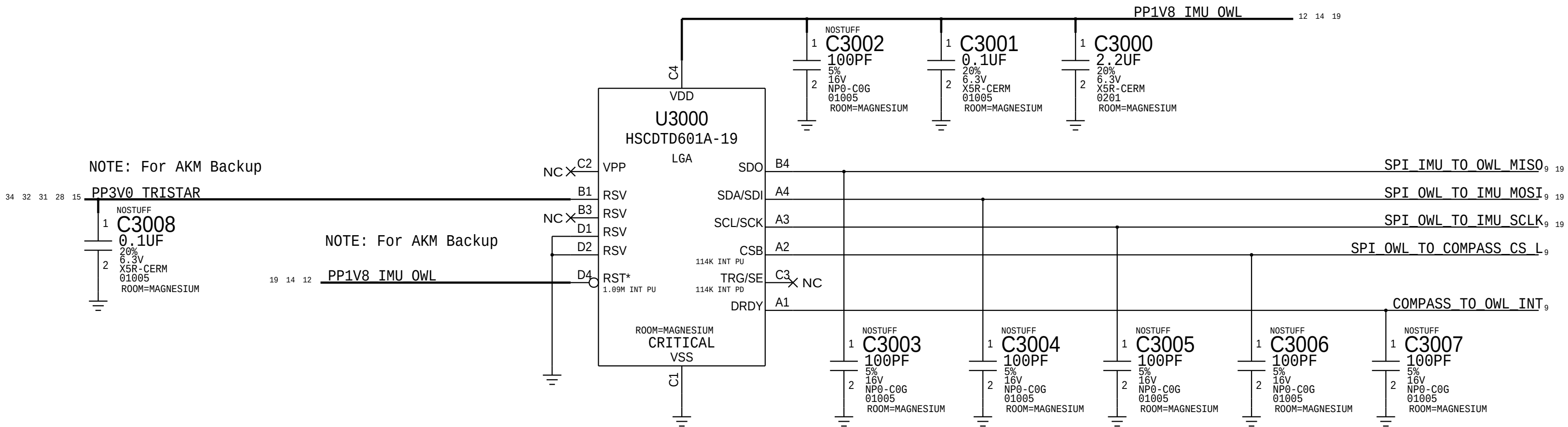
CARBON - ACCEL & GYRO

ST (APN 338S00029): C3013=0.01UF
INVENSENSE, MPU-6700 (APN 338S00017): C3013=0.1UF
DOE INVENSENSE, MPU-6800 (APN 338S00087): C3013=0.1UF



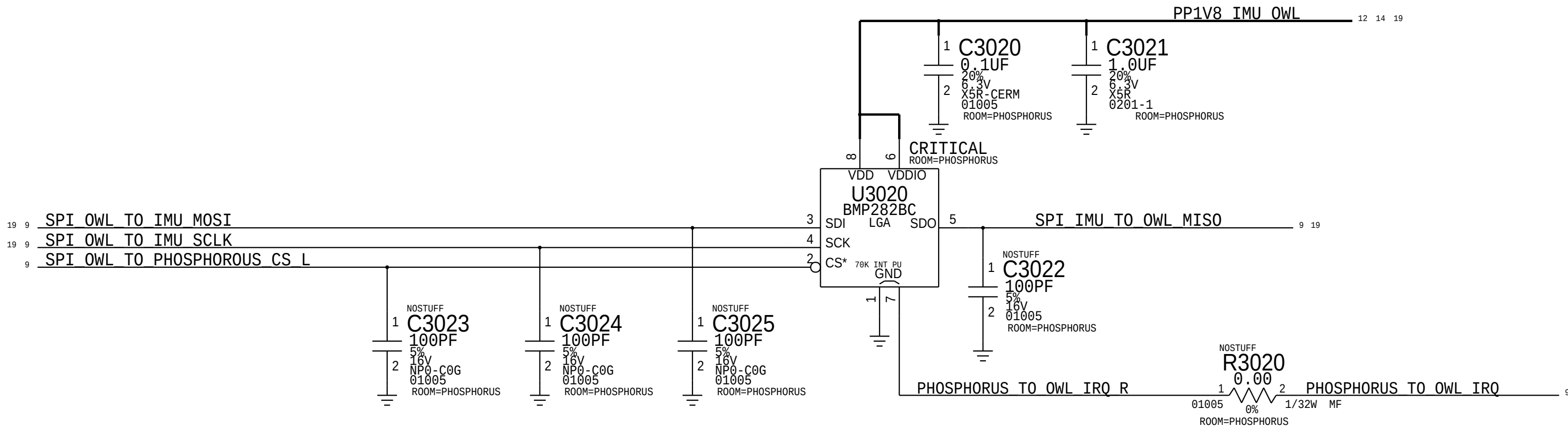
MAGNESIUM - COMPASS

APN:338S00084



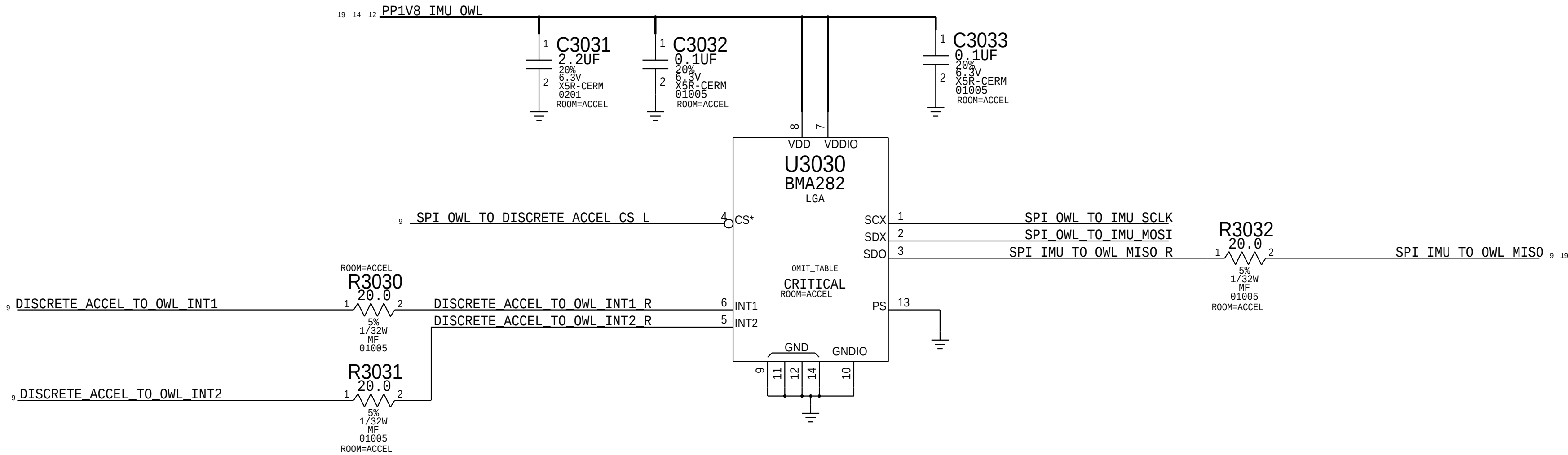
PHOSPHOROUS

BOSCH (APN:338S00044)



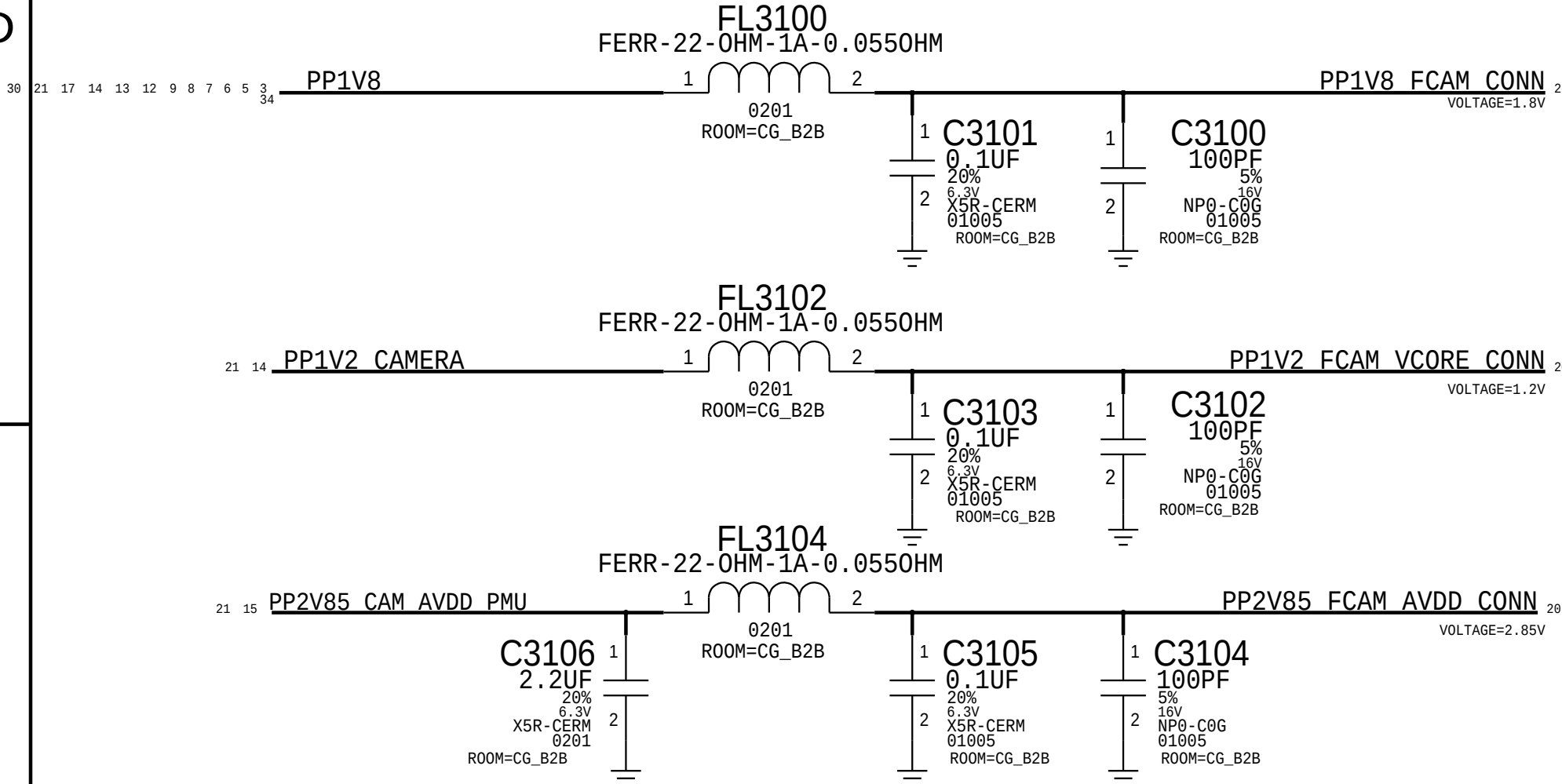
DISCRETE ACCEL

BOSCH APN 338S1163
NO-STUFF for Invensense DOE

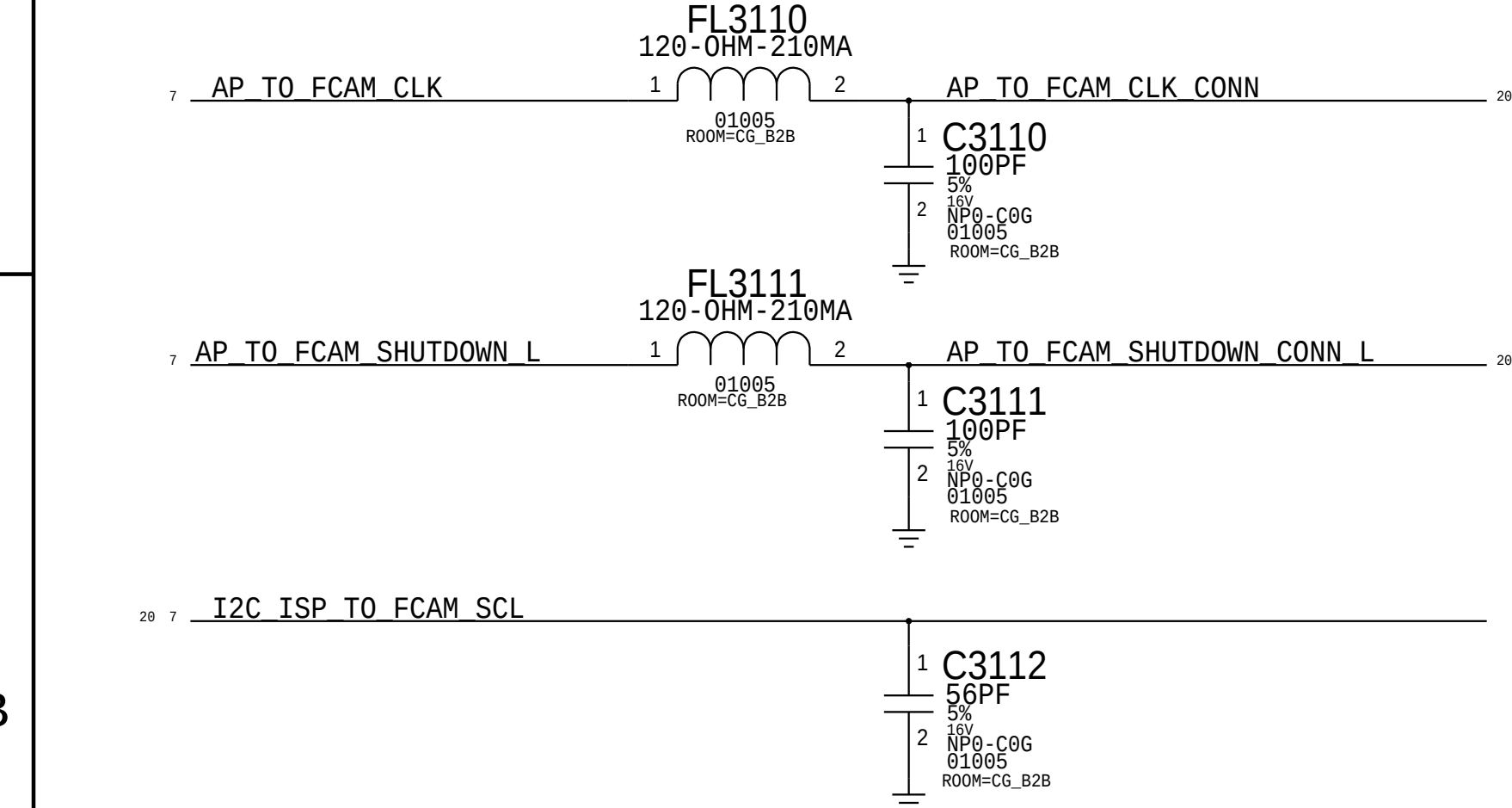


FRONT CAMERA FLEX

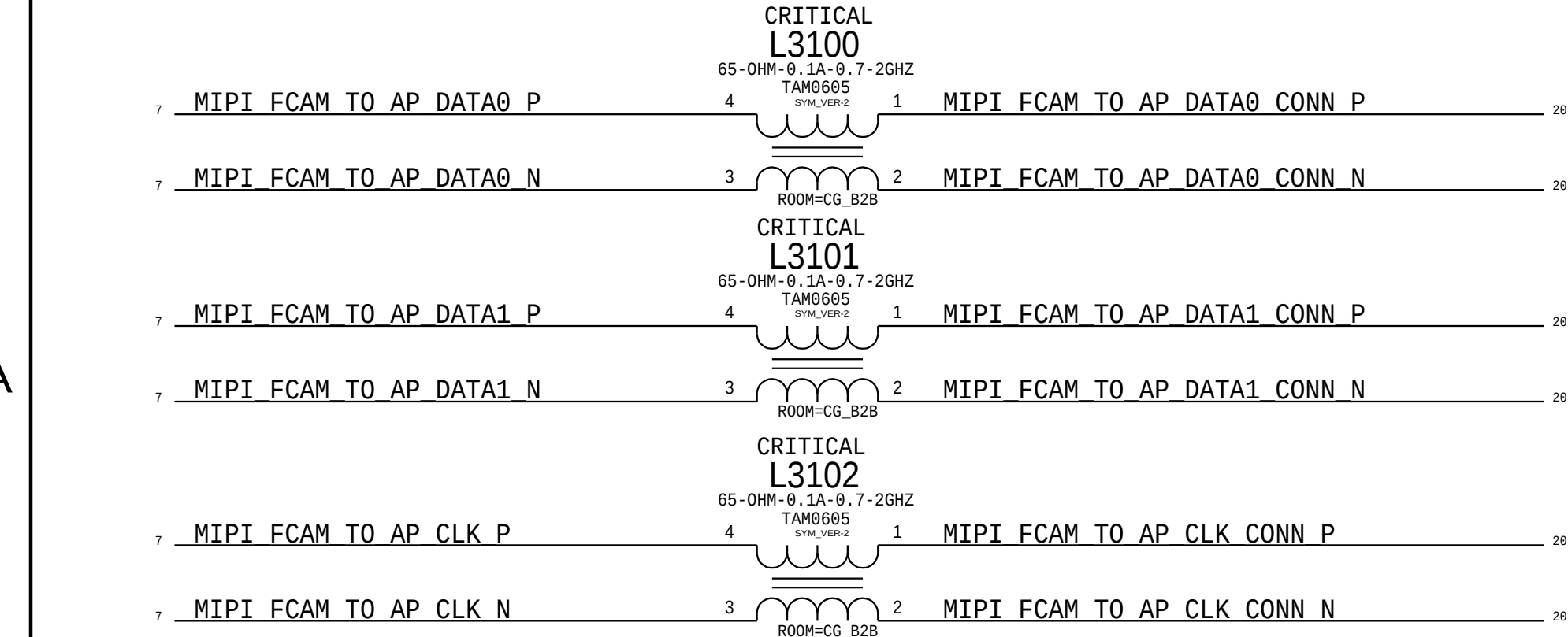
CAMERA POWER



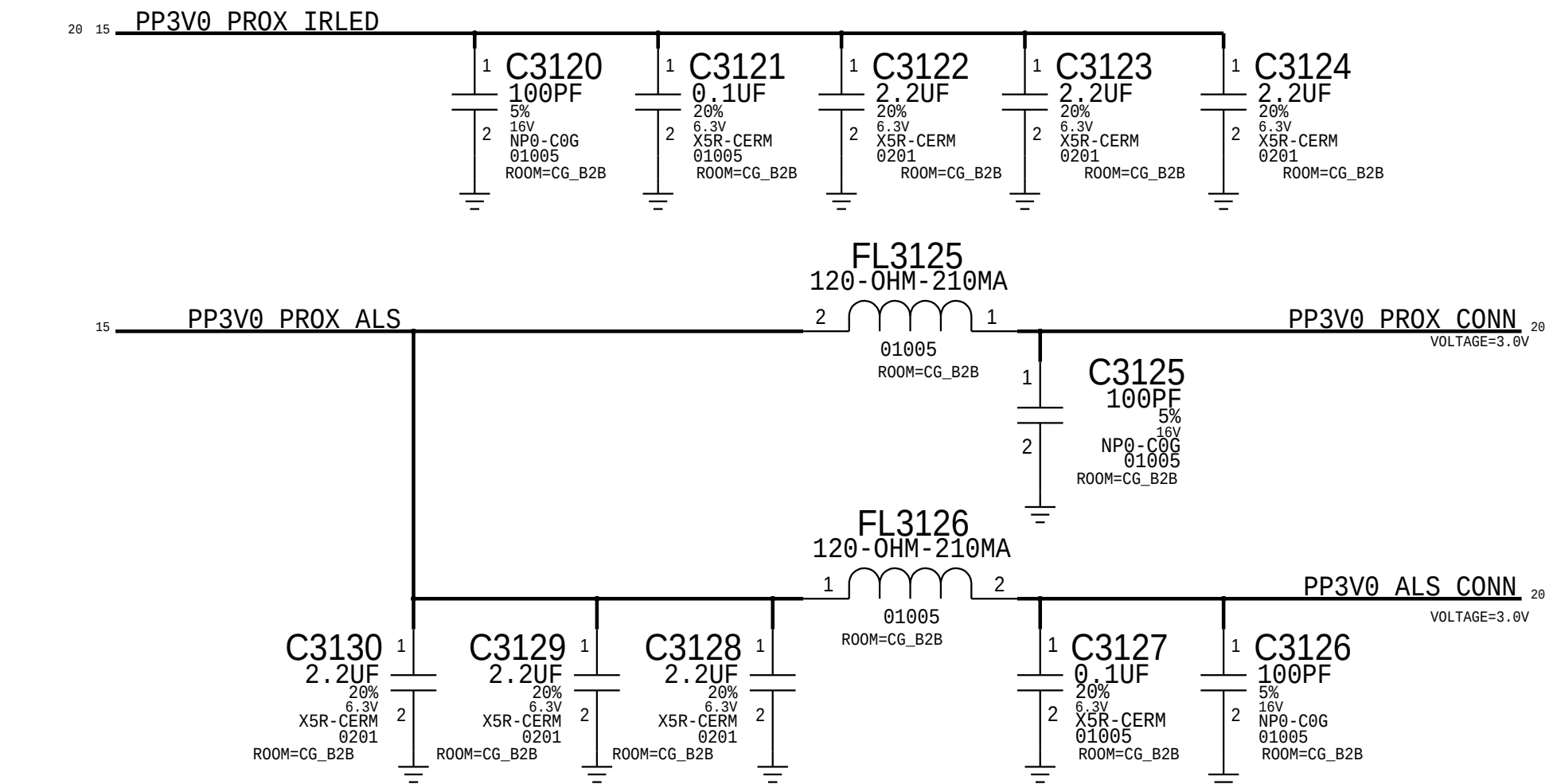
CAMERA I/O



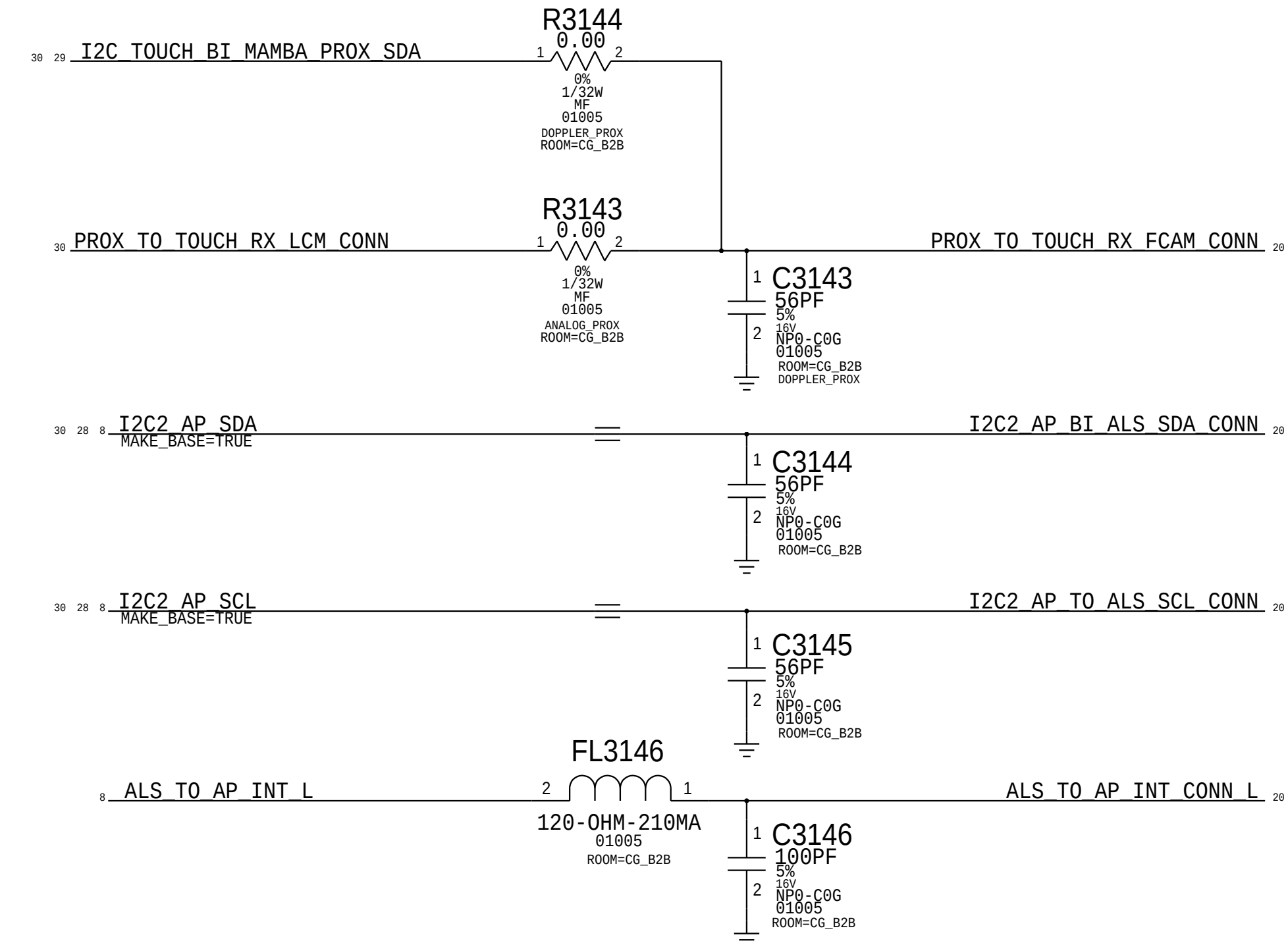
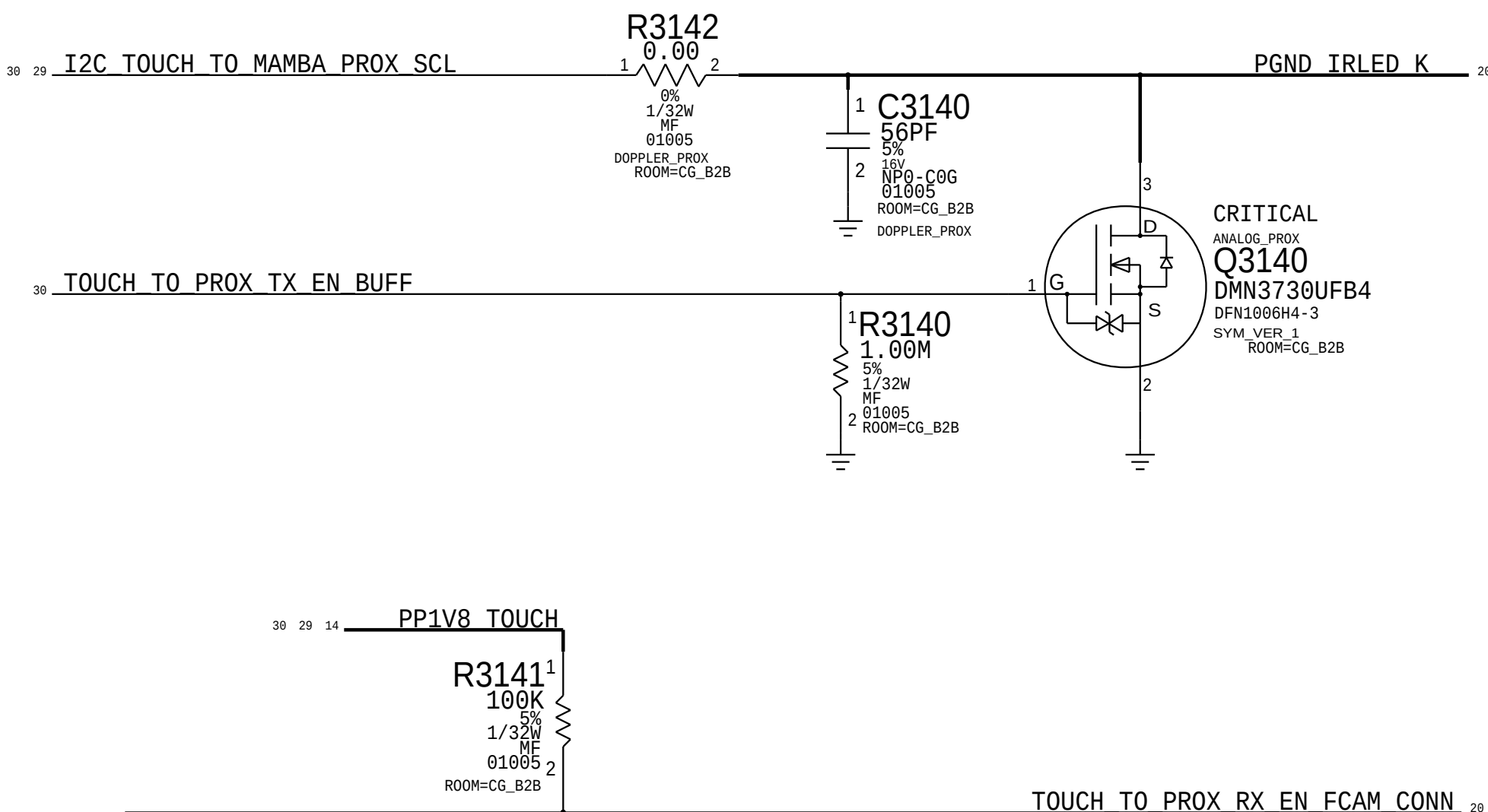
CAMERA MIPI



PROX & ALS POWER

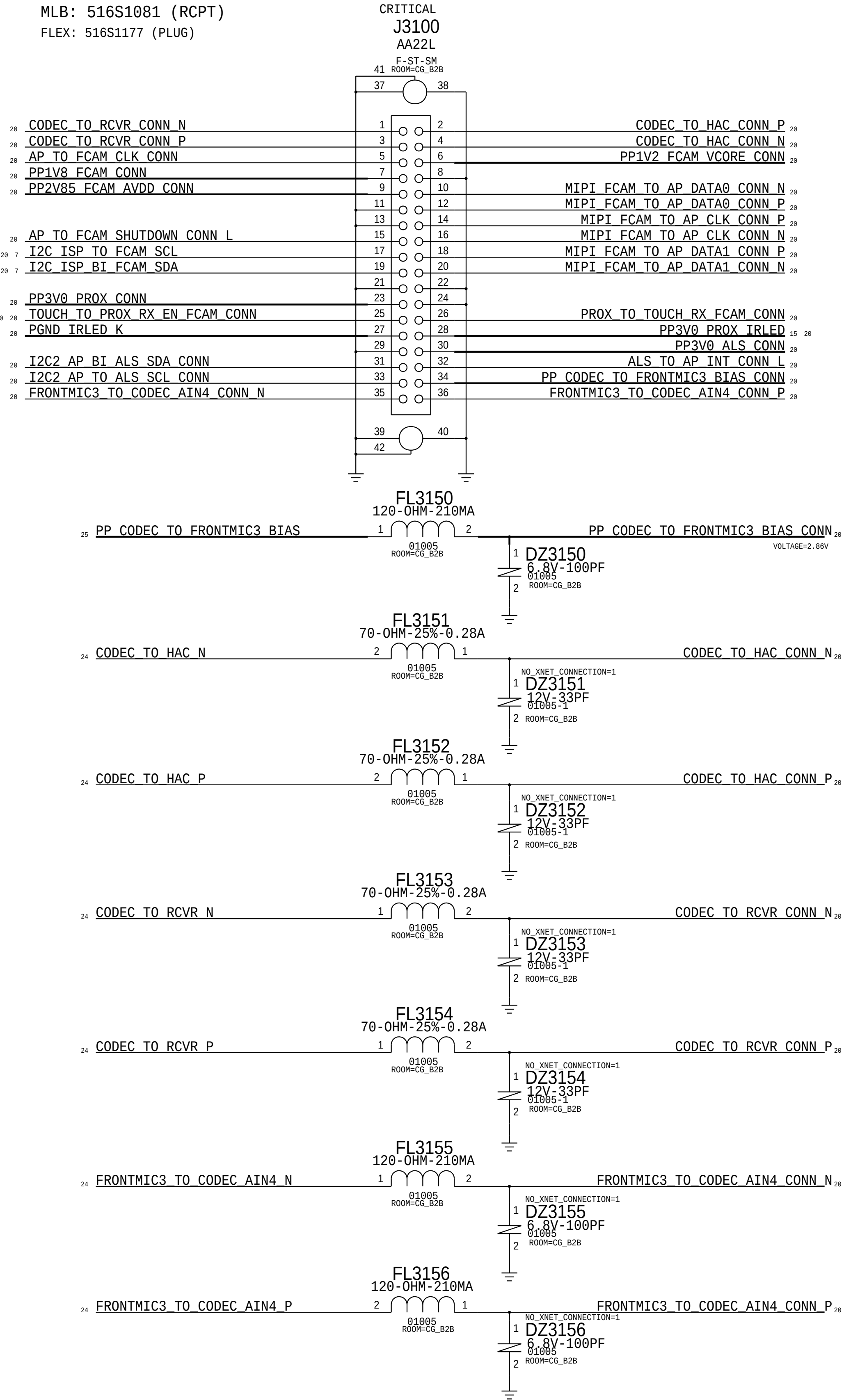


PROX & ALS INTERFACE



FCAM CONNECTOR

MLB: 516S1081 (RCPT)
FLEX: 516S1177 (PLUG)



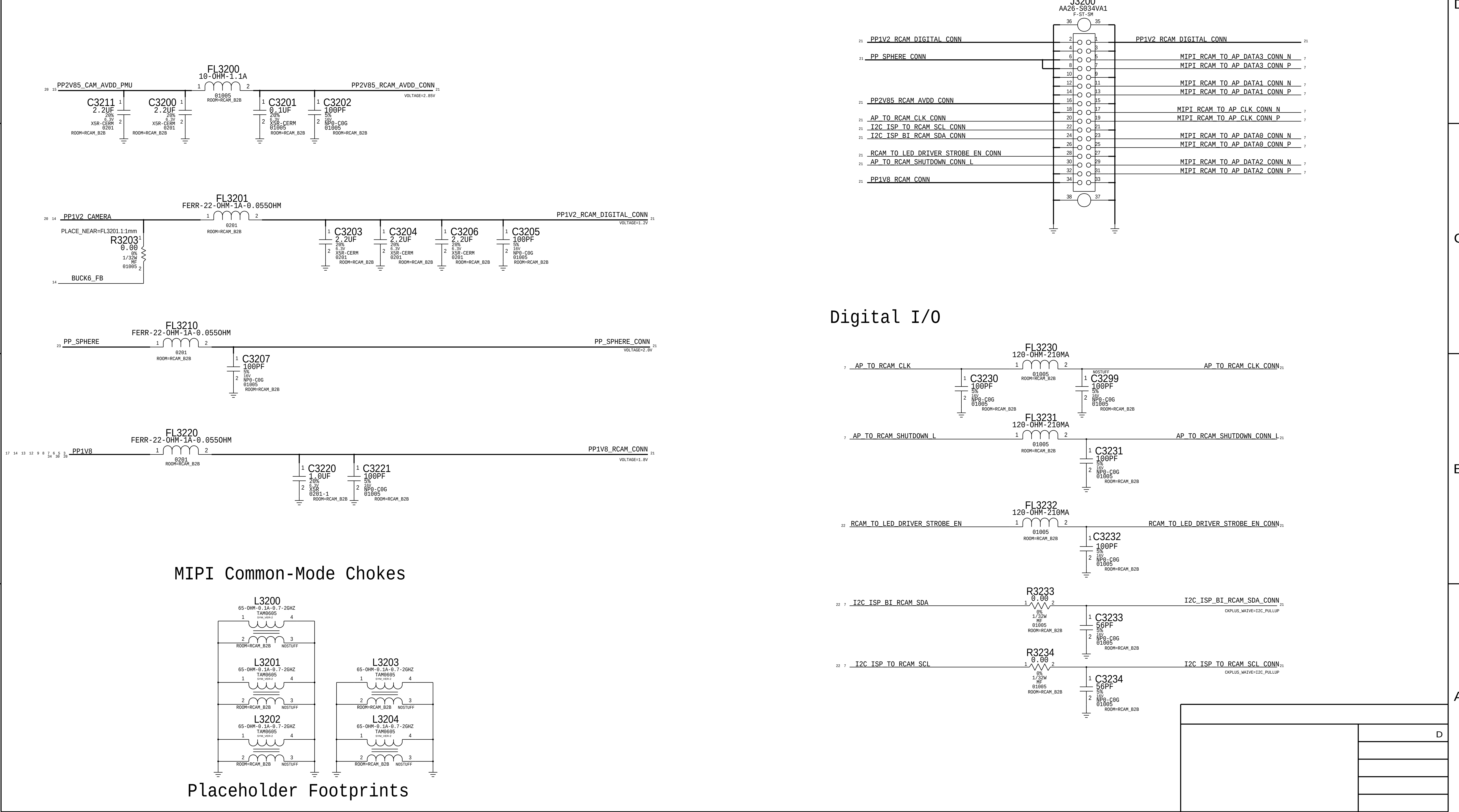
REAR CAMERA FLEX

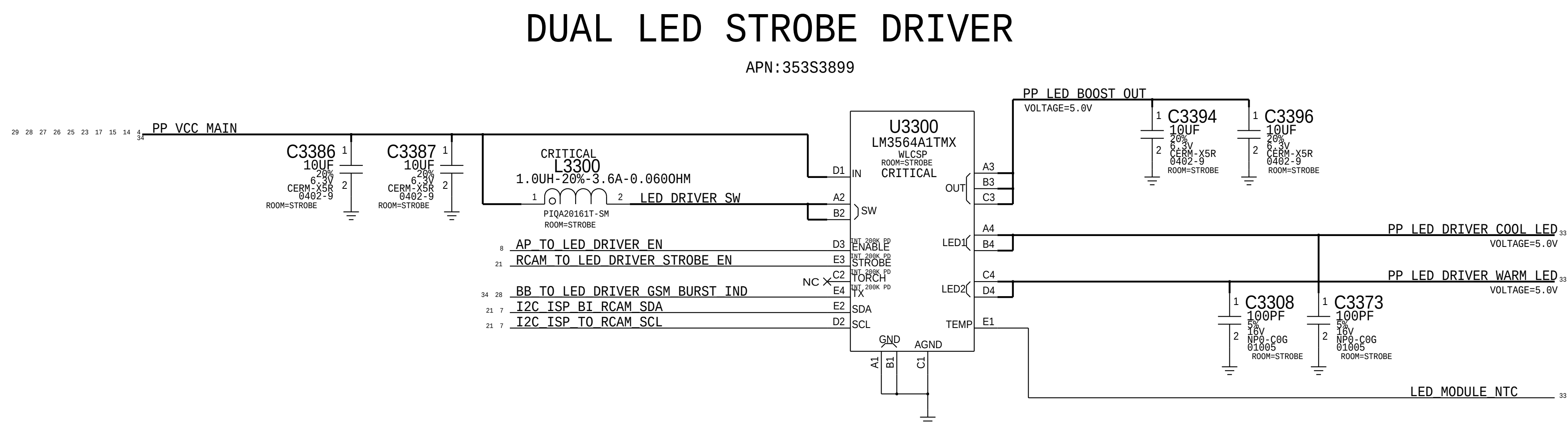
CAMERA POWER/MAMBA LDO

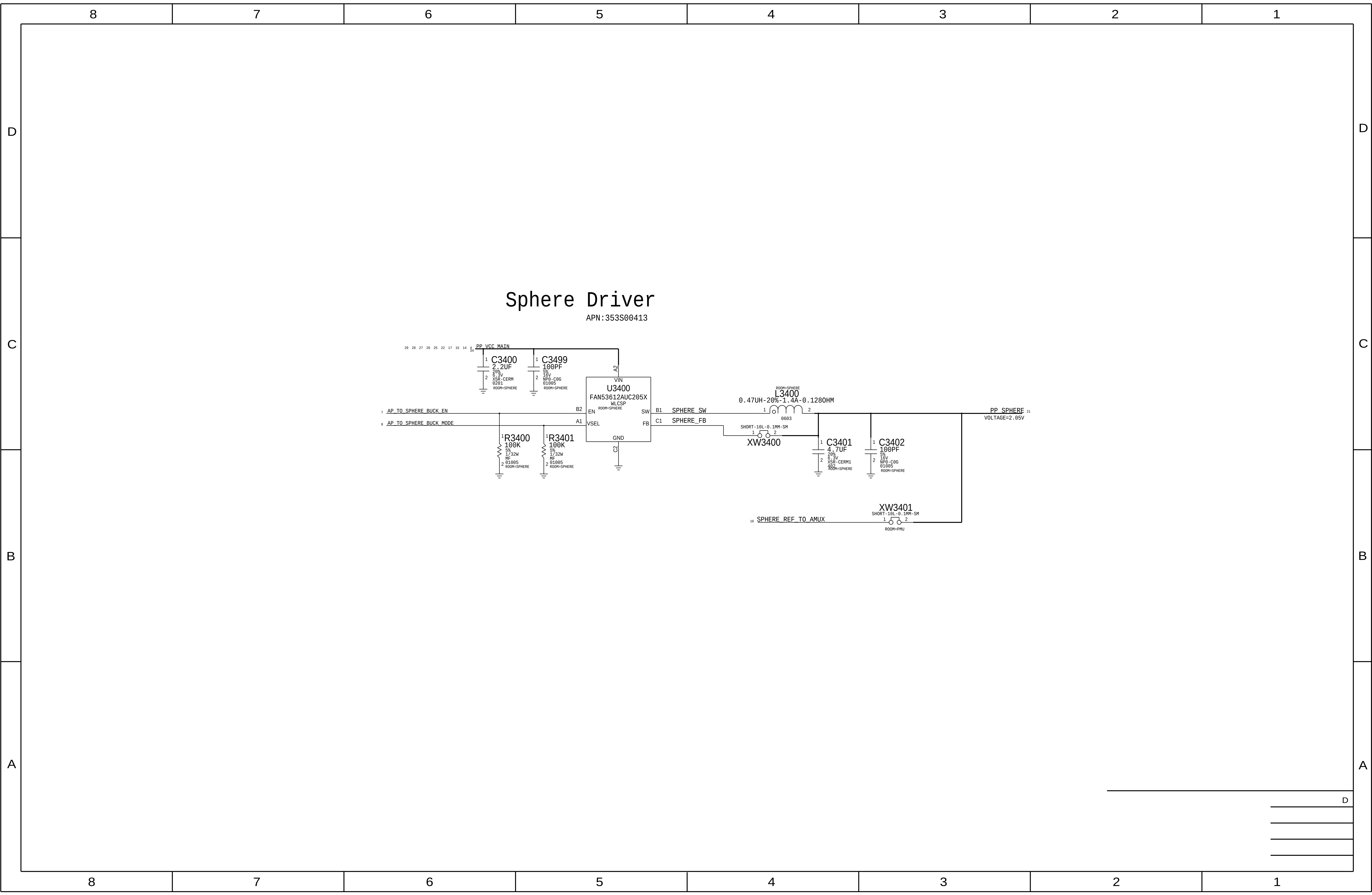
RCAM CONNECTOR

MLB: 516S00043 (RCPT)

FLEX: 516S00042 (PLUG)







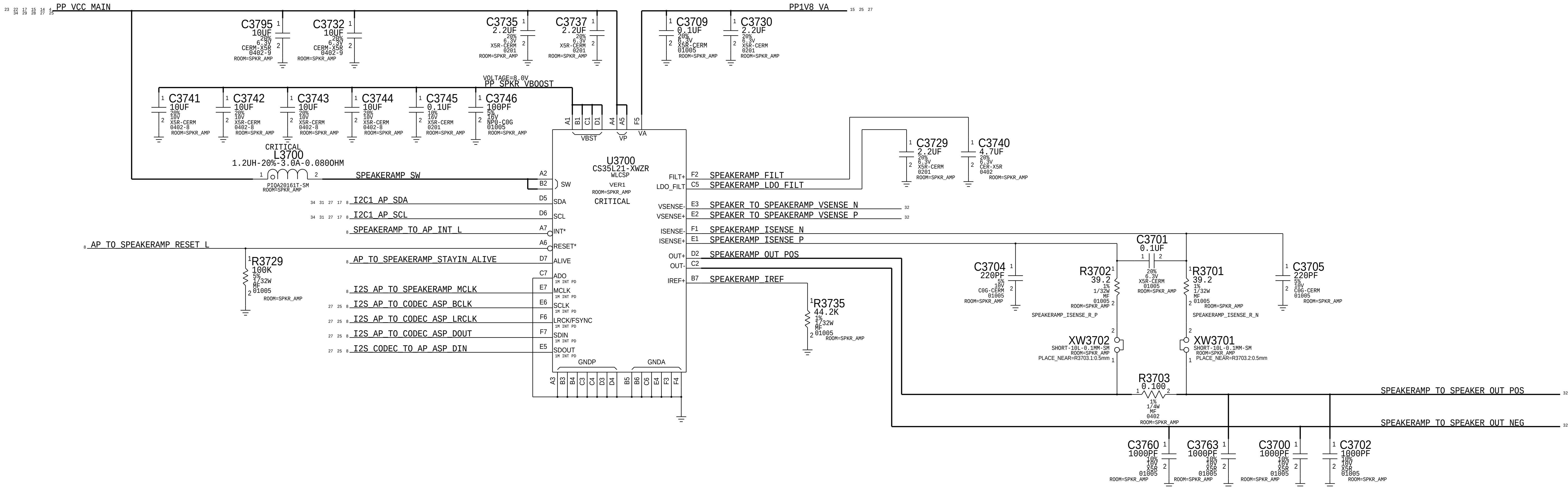
[illegible]

IV ALL RIGHTS RESERVED 25 OF 60



SPEAKER AMPLIFIER

APN: 338S1285
I2C ADDRESS: 1000000



D

C

B

A

D

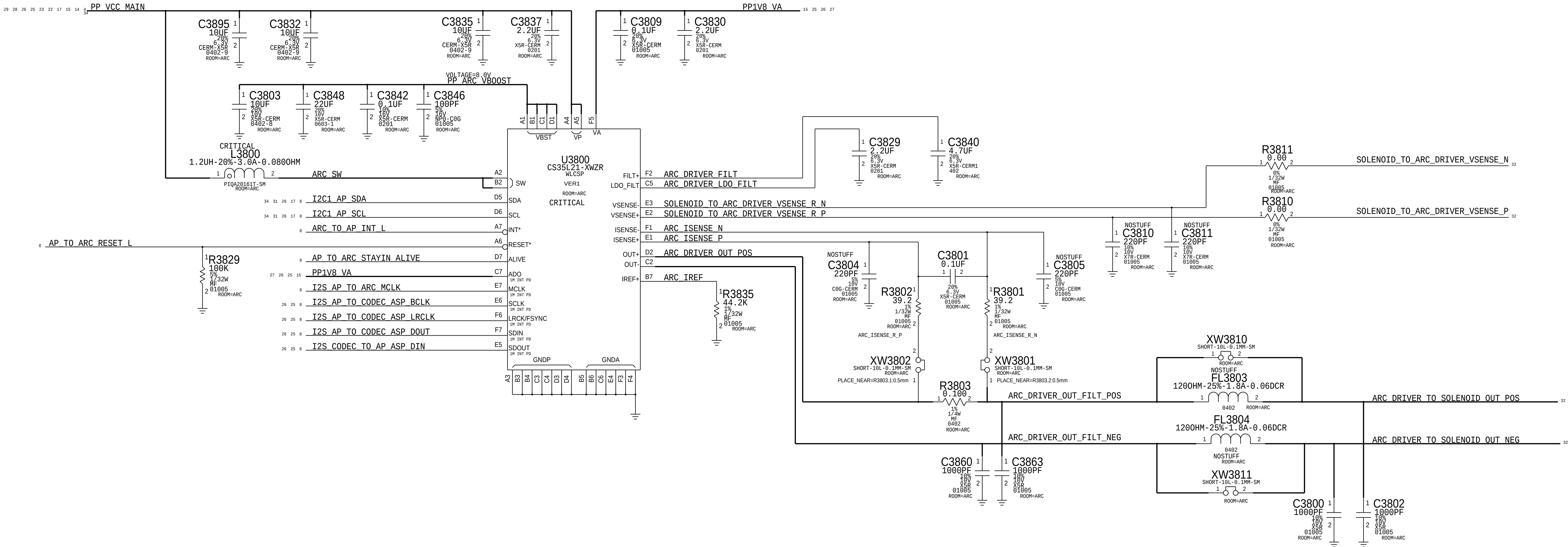
C

B

A

ARC DRIVER

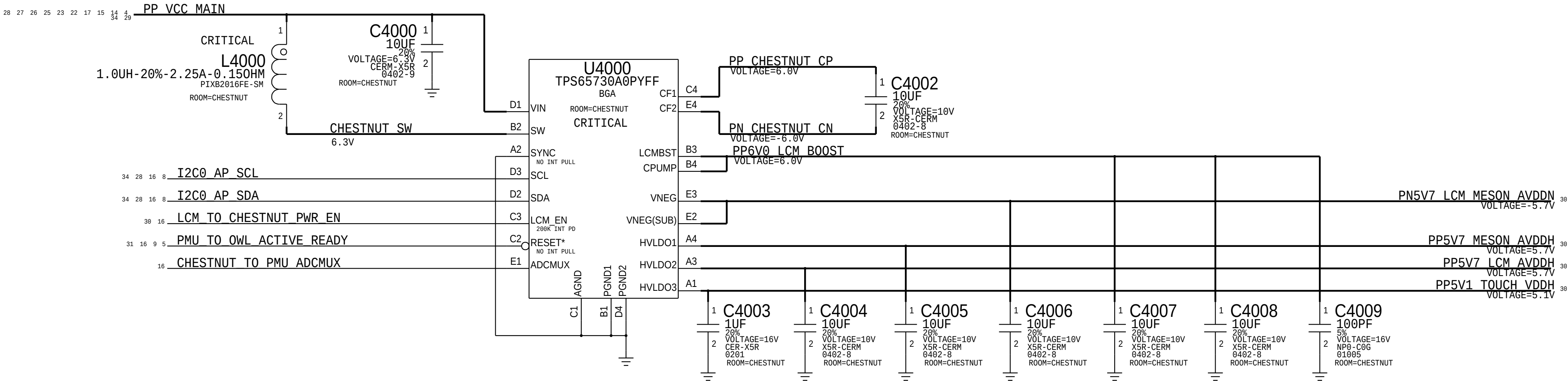
APN: 338S1285
I2C ADDRESS: 1000001



DISPLAY & TOUCH - POWER SUPPLIES

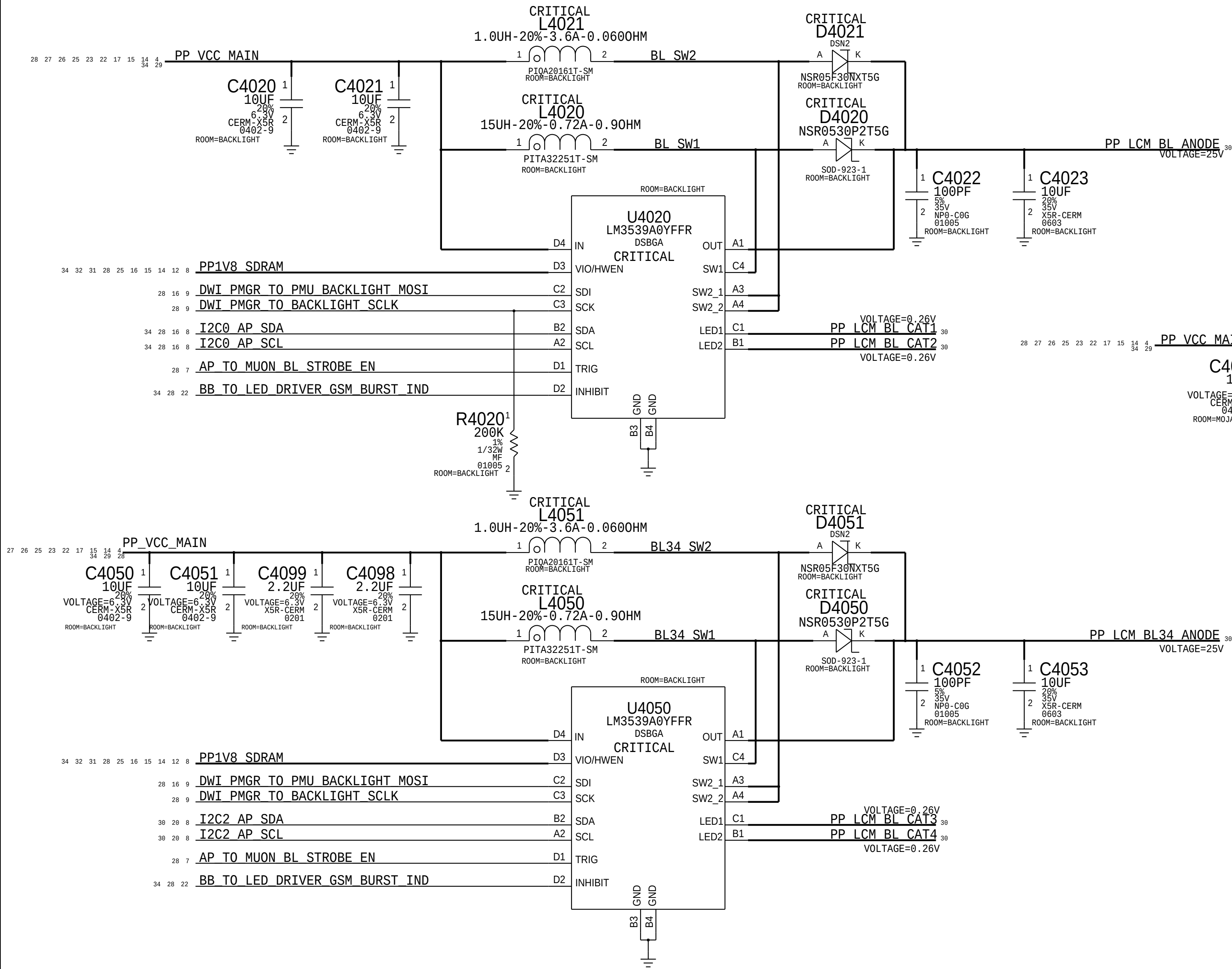
CHESTNUT DISPLAY PMU

APN:338S1172



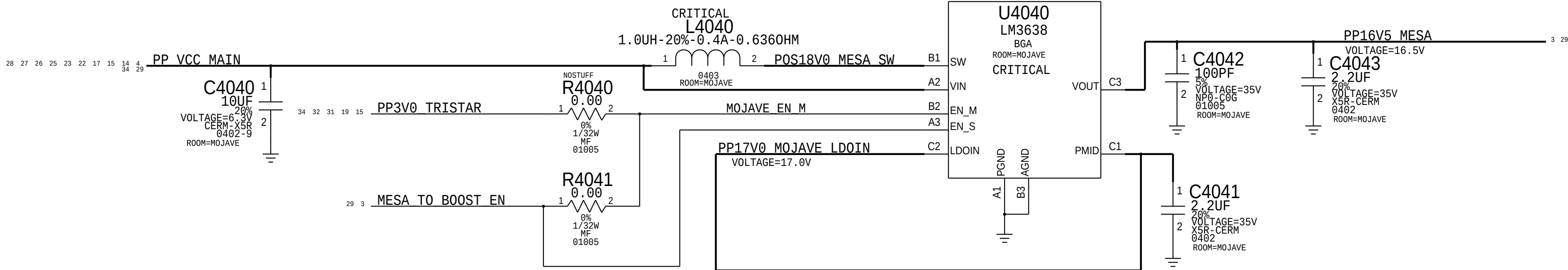
LED BACKLIGHT DRIVERS

APN:353S00407



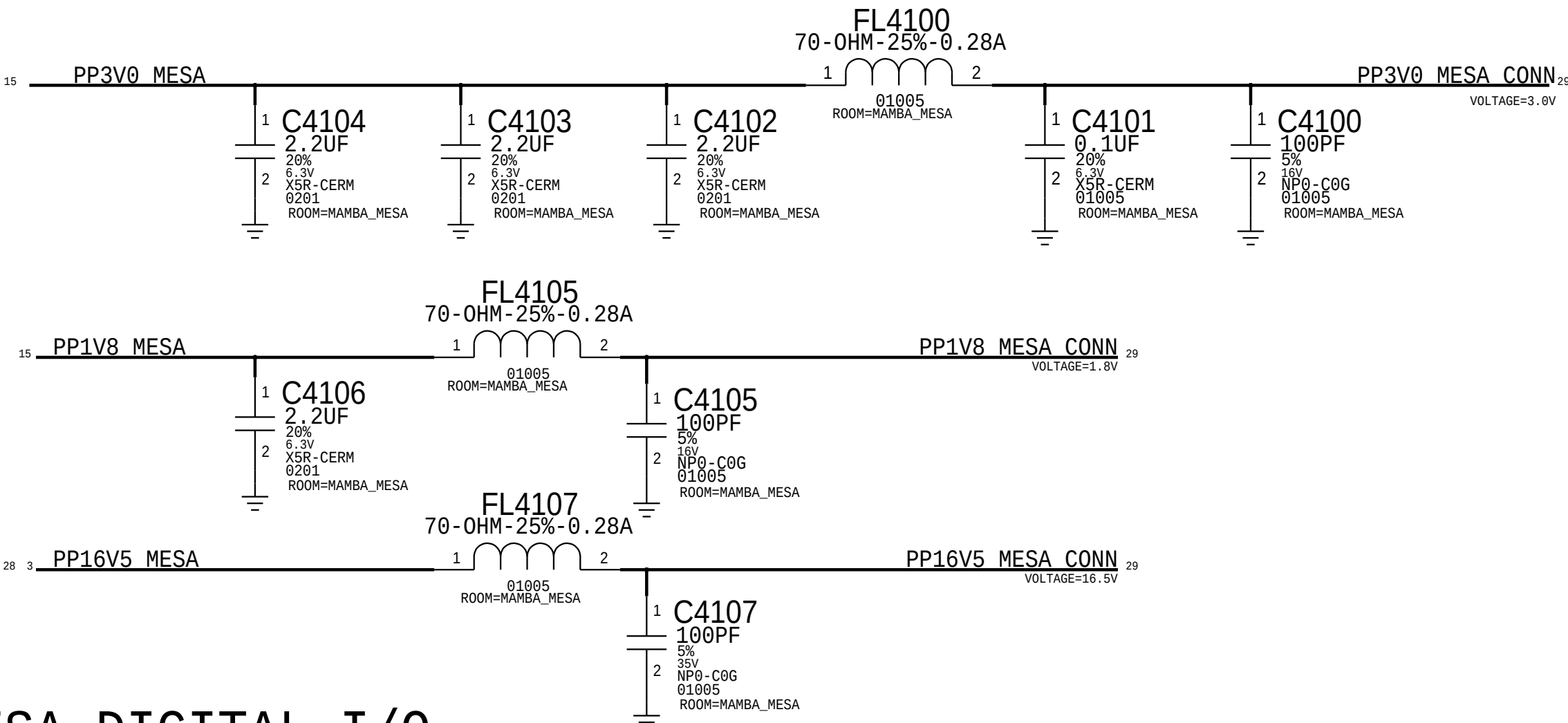
MOJAVE MESA BOOST

APN:353S3978

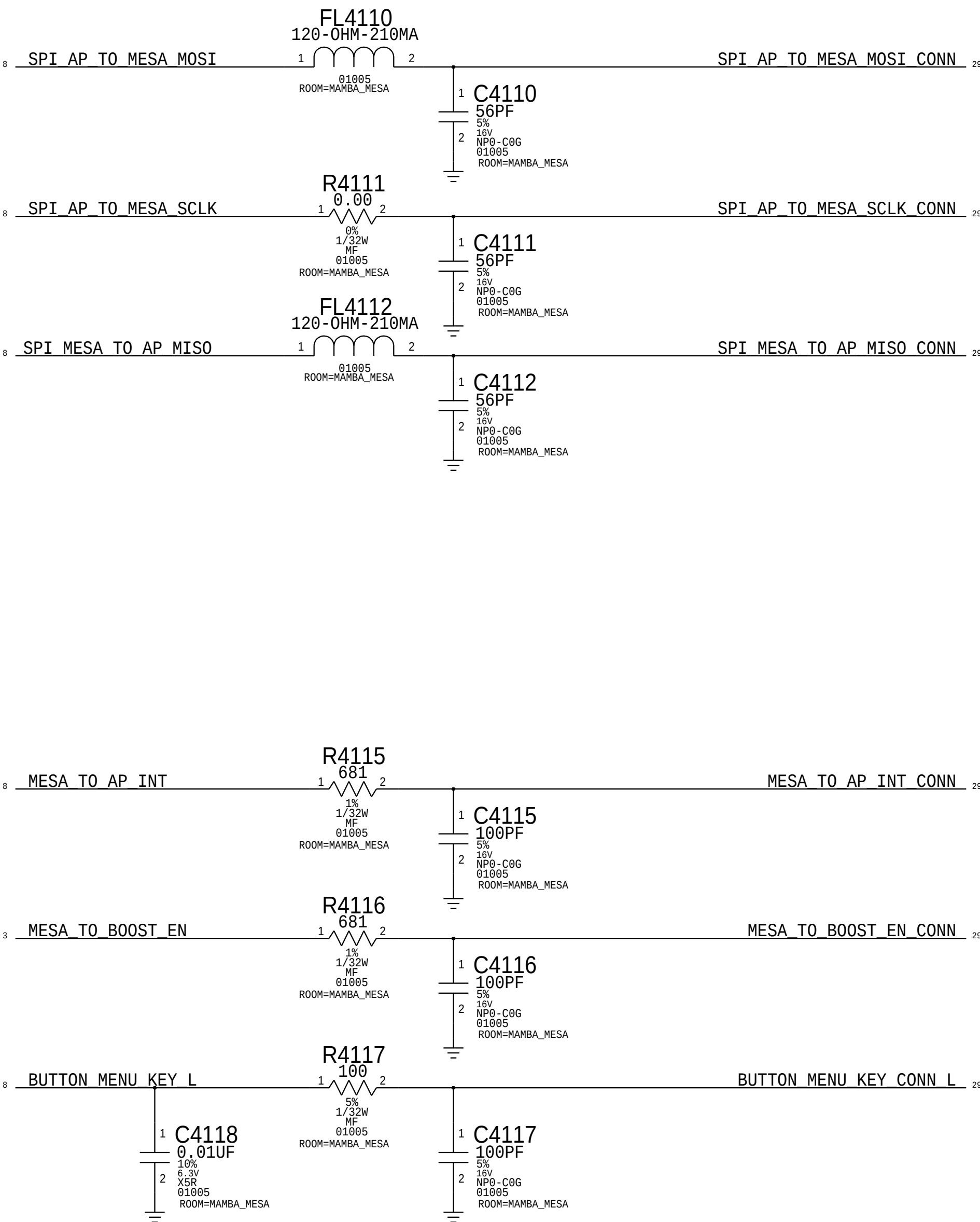


MAMBA & MESA FLEX

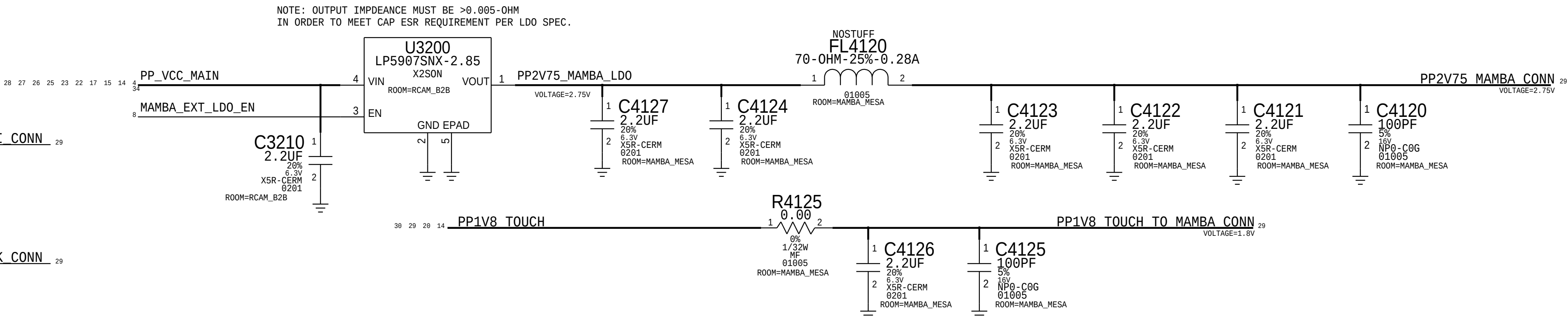
MESA POWER



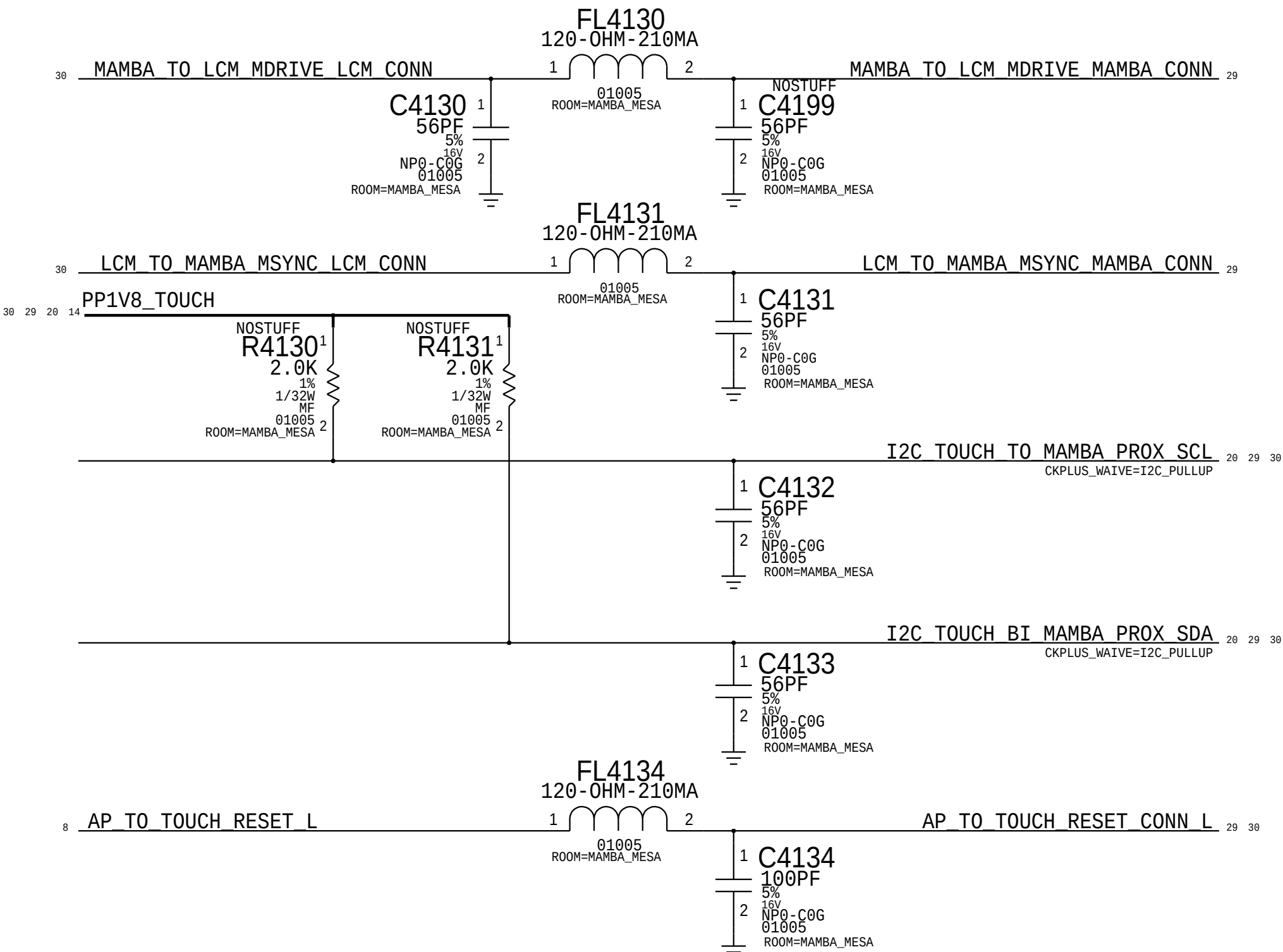
MESA DIGITAL I/O



MAMBA POWER



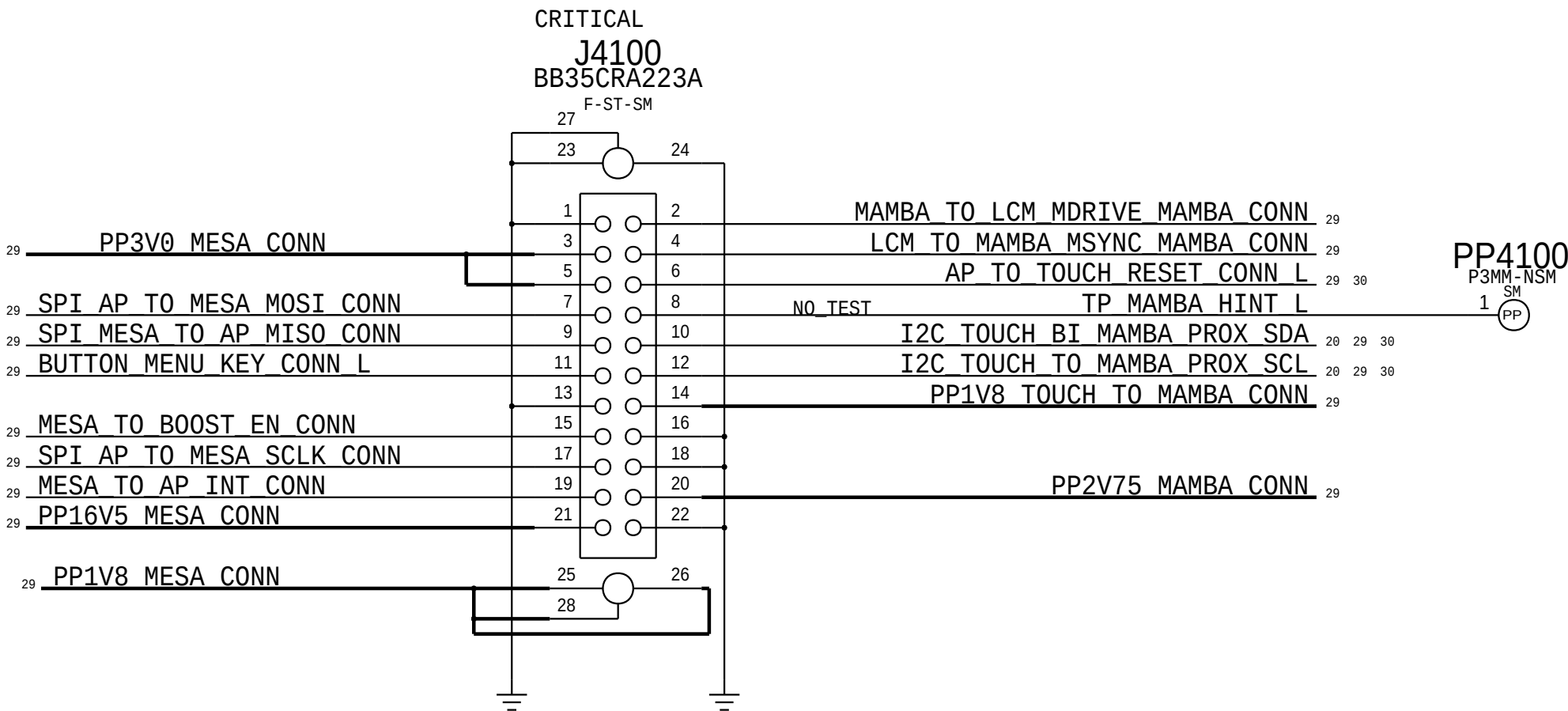
MAMBA DIGITAL I/O

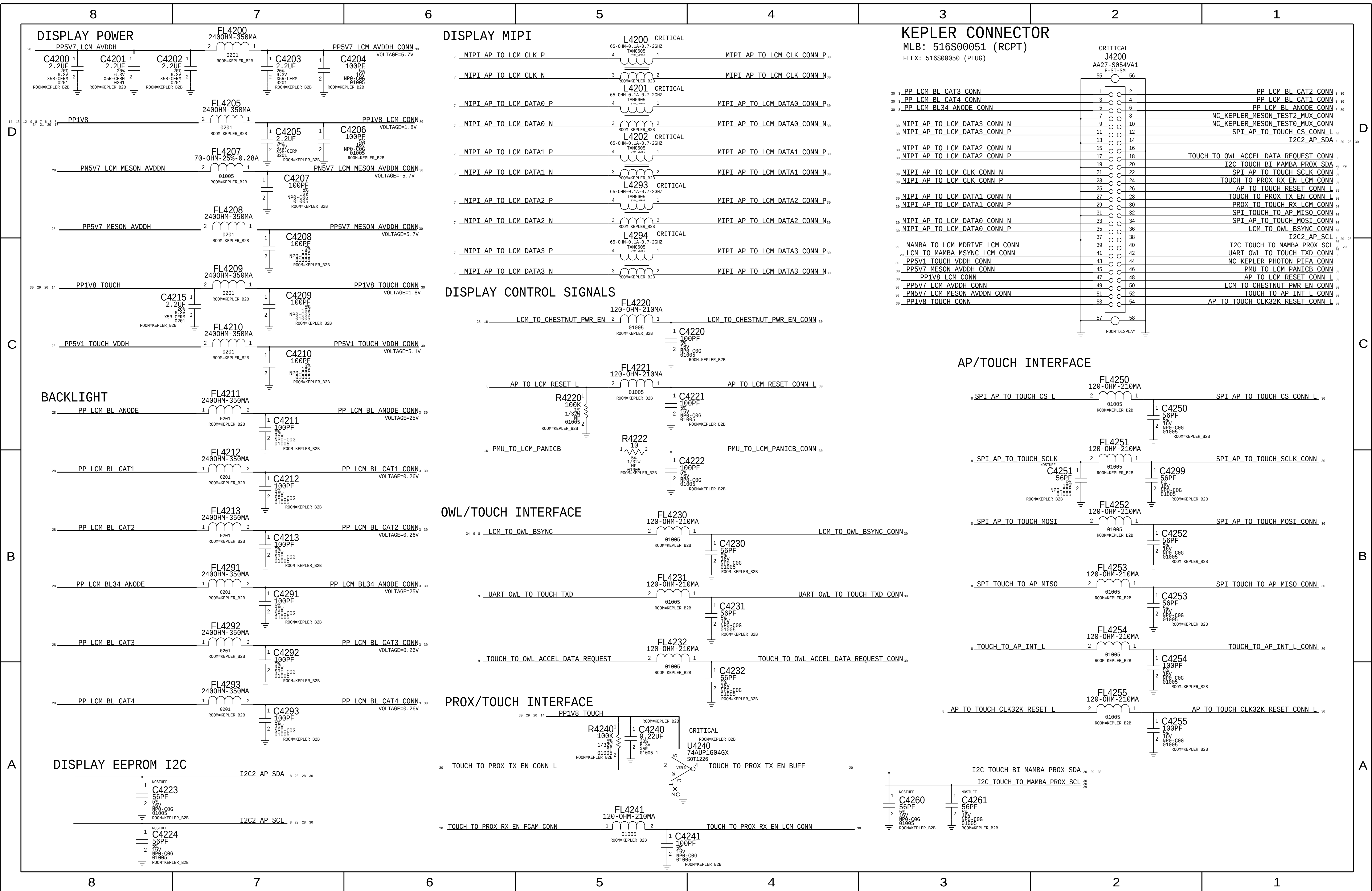


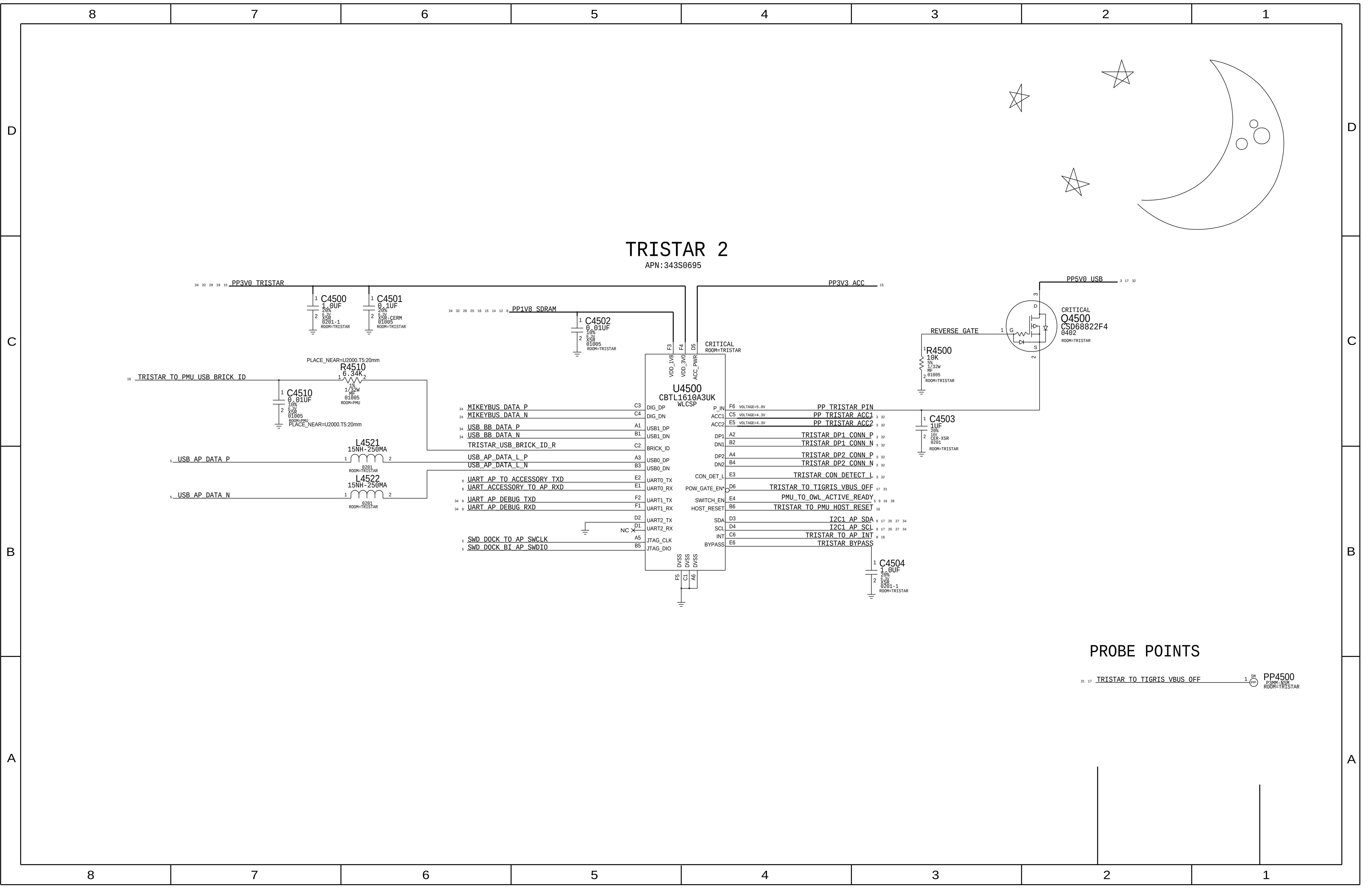
NOTE:MAMBA I2C PULL-UPS TO PP1V8 TOUCH INSIDE KEPLER
ADDING R4130, R4131 AS OPTION FOR TWEAKING VALUE

ORB & MESA CONNECTOR

MLB: 516S00056 (RCPT)







1

2

L4521

15NH-250MA

ROOM=TRISTAR

1

2

L4522

15NH-250MA

ROOM=TRISTAR

24

24

34

34

34

8

8

34

34

5

5

MIKEYBUS_DATA_P

MIKEYBUS_DATA_N

USB_BB_DATA_P

USB_BB_DATA_N

TRISTAR_USB_BRICK_ID_R

USB_AP_DATA_L_P

USB_AP_DATA_L_N

UART_AP_TO_ACCESSORY_TXD

UART_ACCESSORY_TO_AP_RXD

UART_AP_DEBUG_TXD

UART_AP_DEBUG_RXD

SWD DOCK TO AP SWCLK

SWD DOCK BI AP SWDIO

C3

C4

B1

B1

C2

A3

B3

E2

E1

F2

F1

D2

D1

A5

B5

DIG_DP

DIG_DN

USB1_DP

USB1_DN

BRICK_ID

USB0_DP

USB0_DN

UART0_TX

UART0_RX

UART1_TX

UART1_RX

UART2_TX

UART2_RX

JTAG_CLK

JTAG_DIO

F3

F4

D5

F5

C1

A6

VDD_1V8

VDD_3V0

ACC_PWR

CRITICAL

ROOM=TRISTAR

U4500

CBTL1610A3UK

WLCSP

P_IN

ACC1

ACC2

DP1

DN1

DP2

DN2

CON_DET_L

POW_GATE_EN

SWITCH_EN

HOST_RESET

SDA

SCL

INT

BYPASS

F6

C5

E5

A2

B2

A4

B4

E3

D6

E4

B6

D3

D4

C6

E6

VOLTAGE=5.0V

VOLTAGE=4.3V

VOLTAGE=4.3V

TRISTAR_DP1_CONN_P

TRISTAR_DP1_CONN_N

TRISTAR_DP2_CONN_P

TRISTAR_DP2_CONN_N

TRISTAR_CON_DETECT_L

TRISTAR TO TIGRIS VBUS OFF

PMU_TO_OWL_ACTIVE_READY

TRISTAR TO PMU HOST RESET

I2C1_AP_SDA

I2C1_AP_SCL

TRISTAR TO AP_INT

TRISTAR BYPASS

1

2

C4504

1.0UF

20%

0.25

8281-1

ROOM=TRISTAR

PP3V3_ACC

15

PP5V0_USB

3

17

32

CRITICAL

Q4500

CSD68822F4

0402

ROOM=TRISTAR

REVERSE_GATE

1

2

R4500

10K

5%

0.25

8281-1

ROOM=TRISTAR

1

2

C4503

1UF

20%

0.25

8281-1

ROOM=TRISTAR

PROBE_POINTS

31

17

TRISTAR TO TIGRIS VBUS OFF

1

2

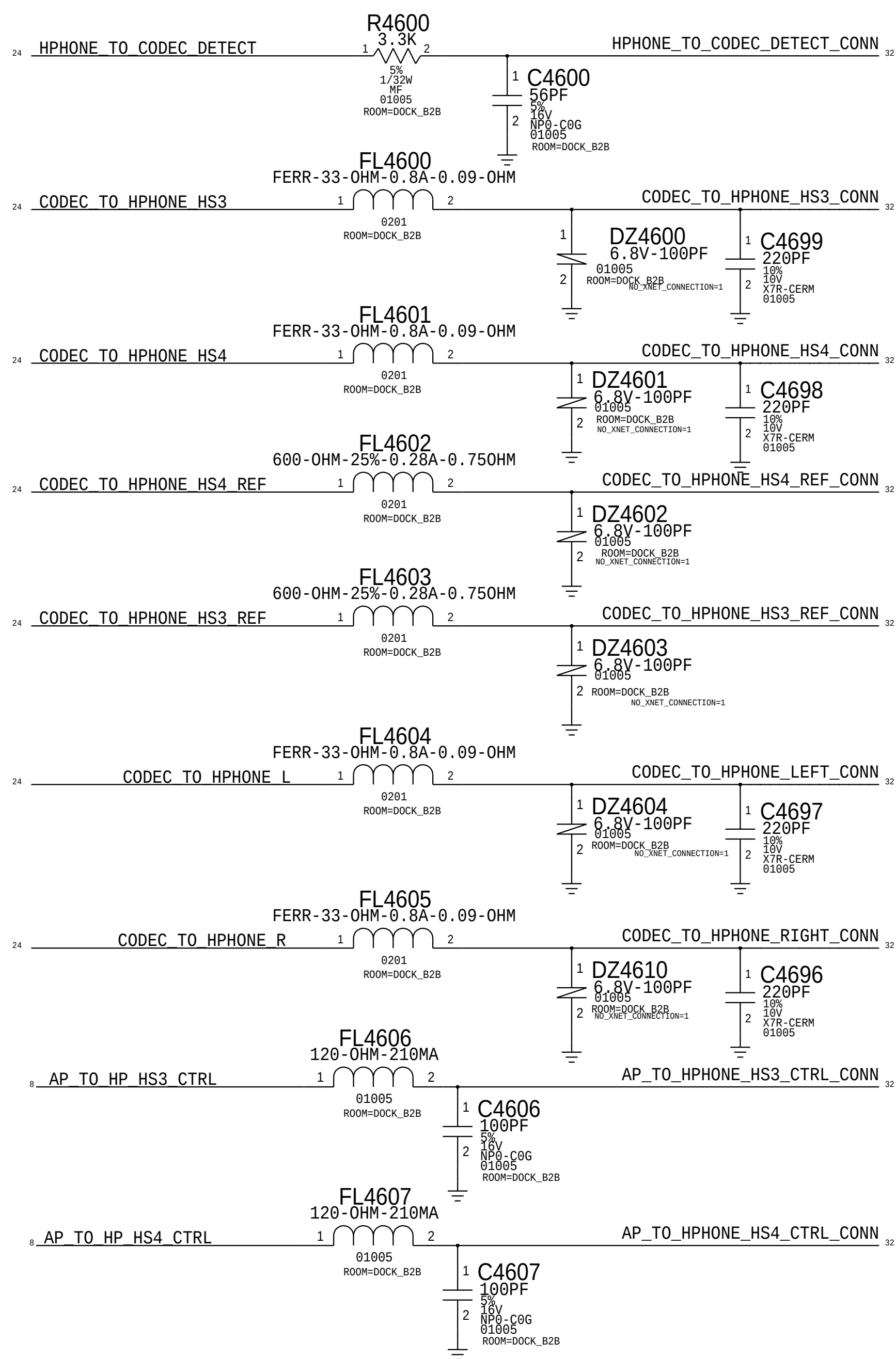
PP4500

P3MM-NSM

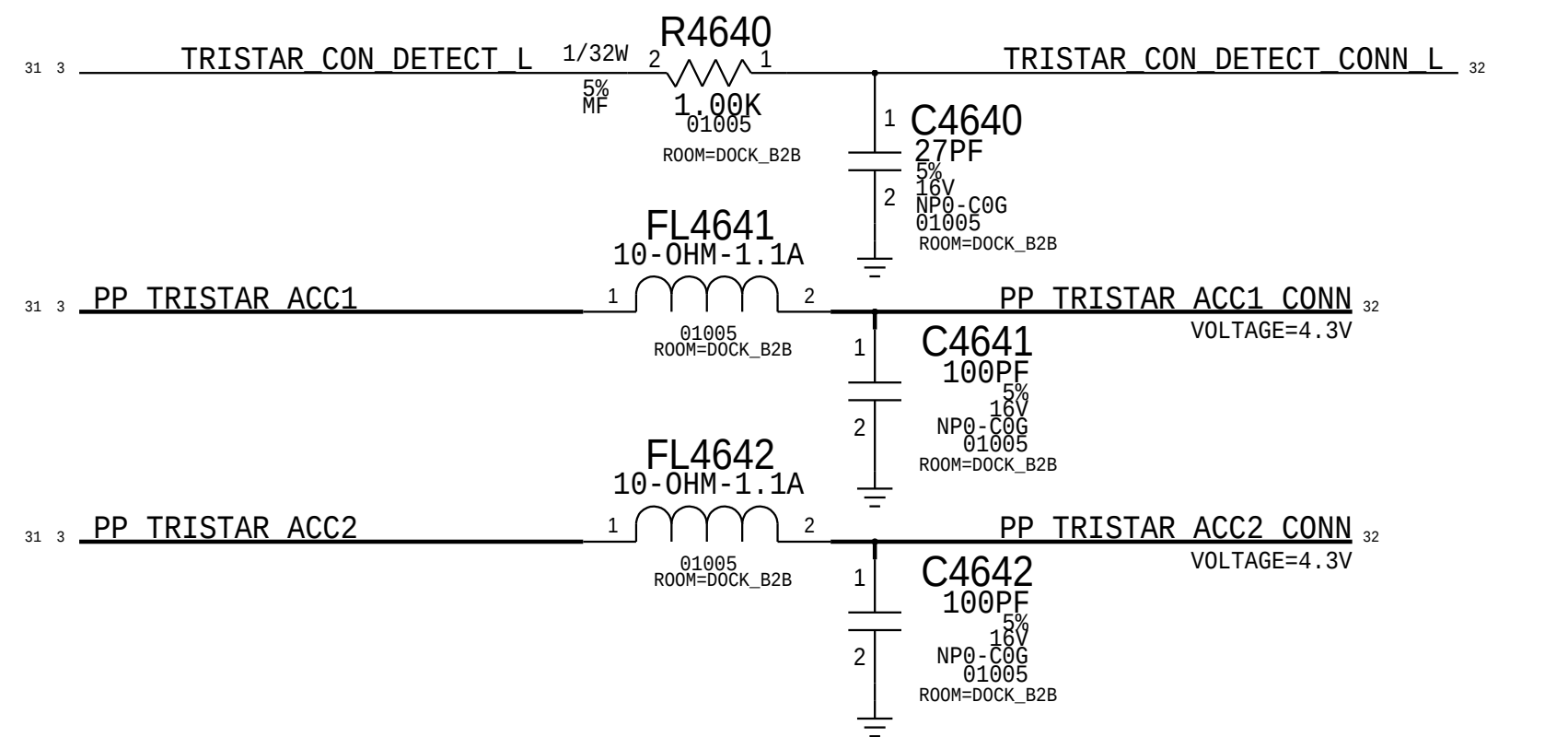
ROOM=TRISTAR

DOCK FLEX CONNECTOR

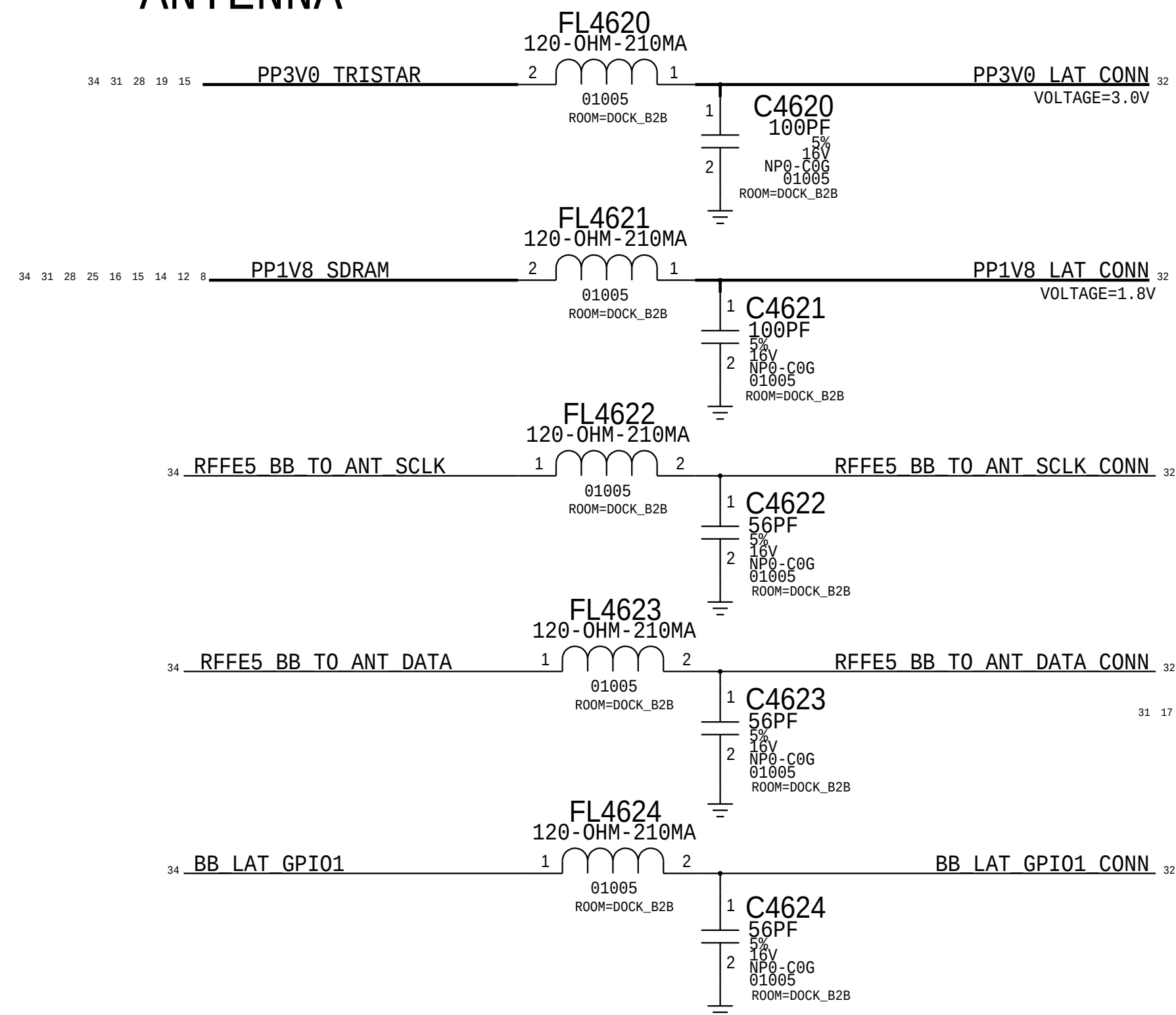
AUDIO JACK



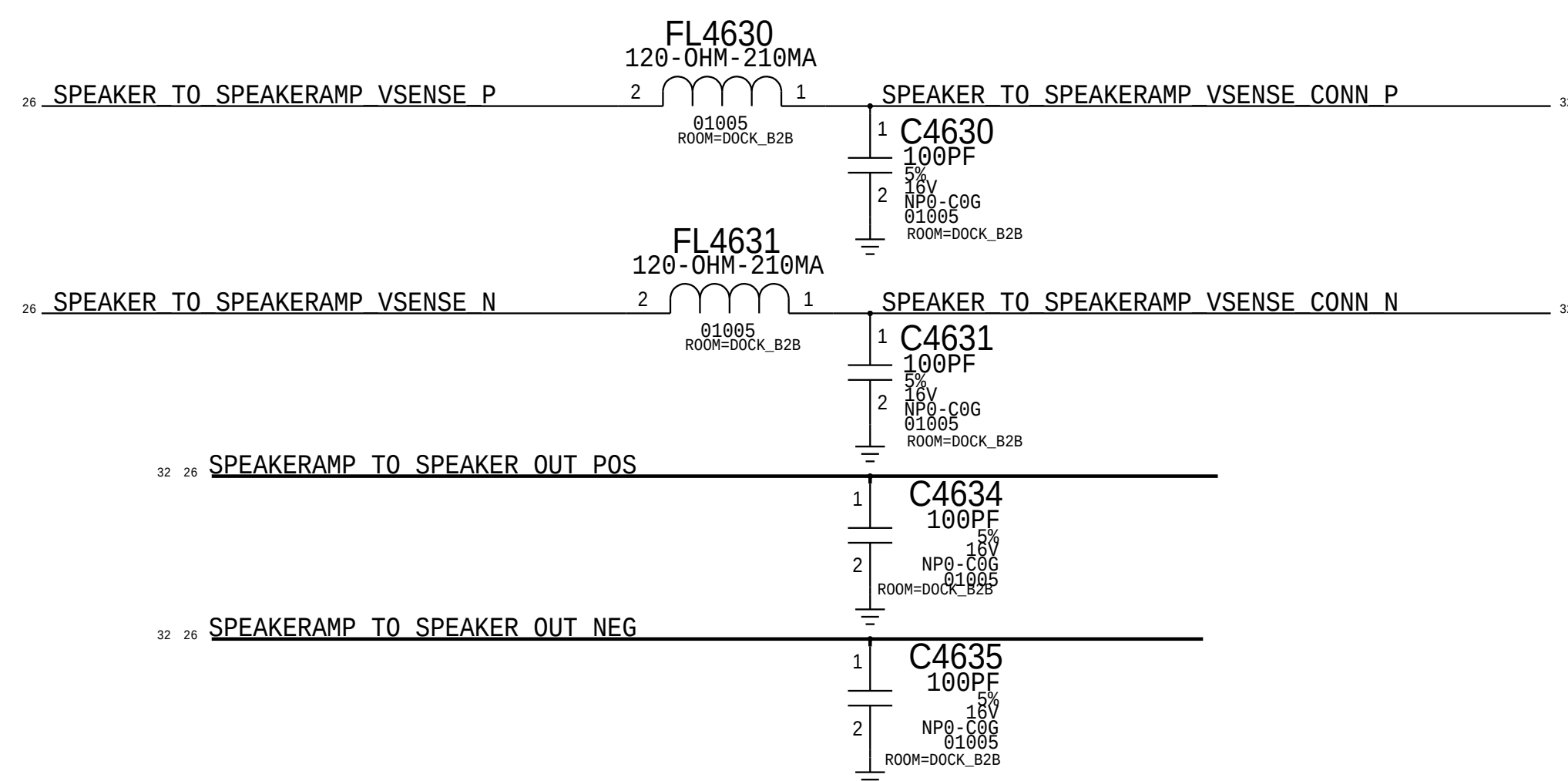
TRISTAR



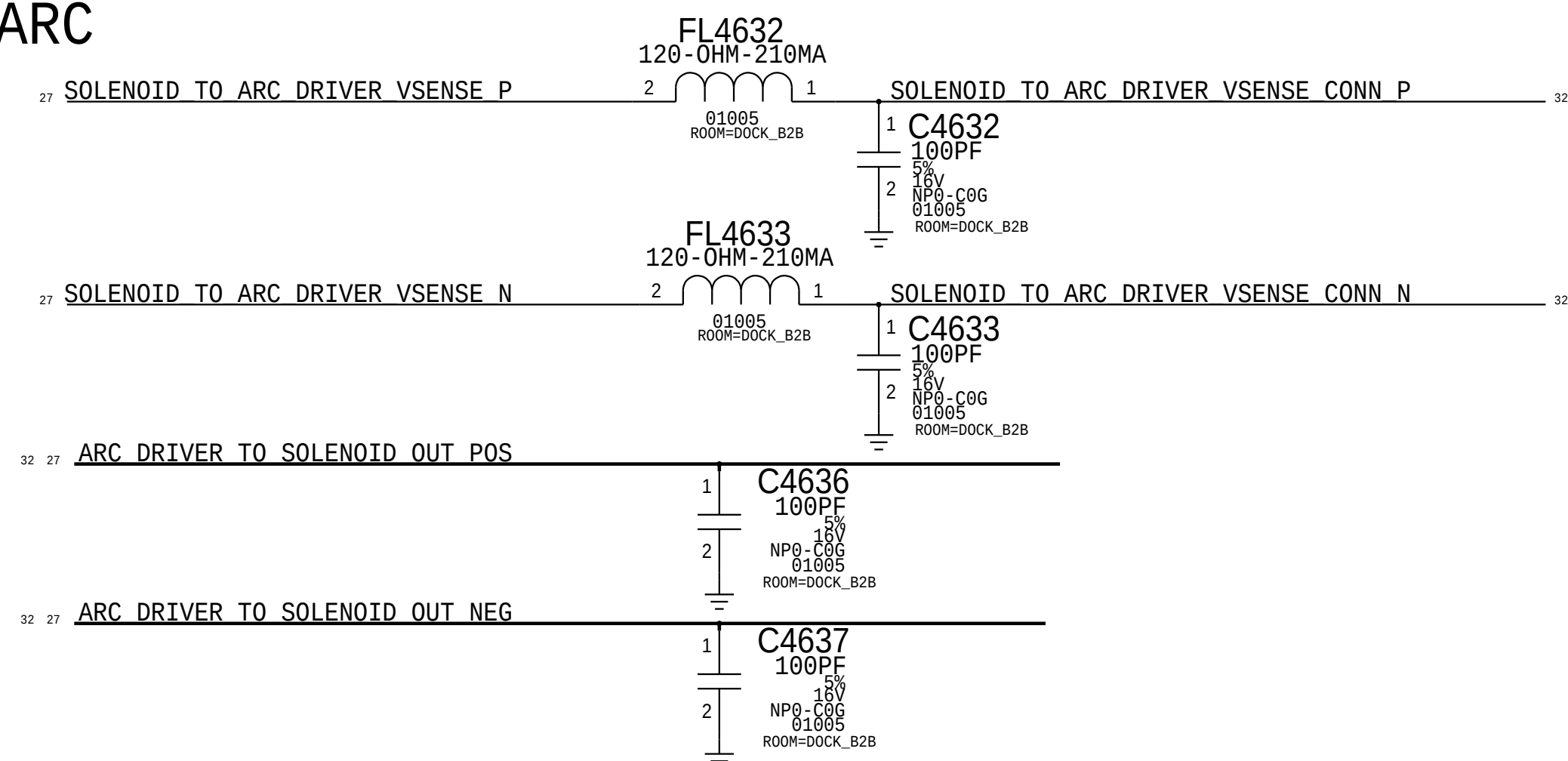
ANTENNA



SPEAKER



ARC



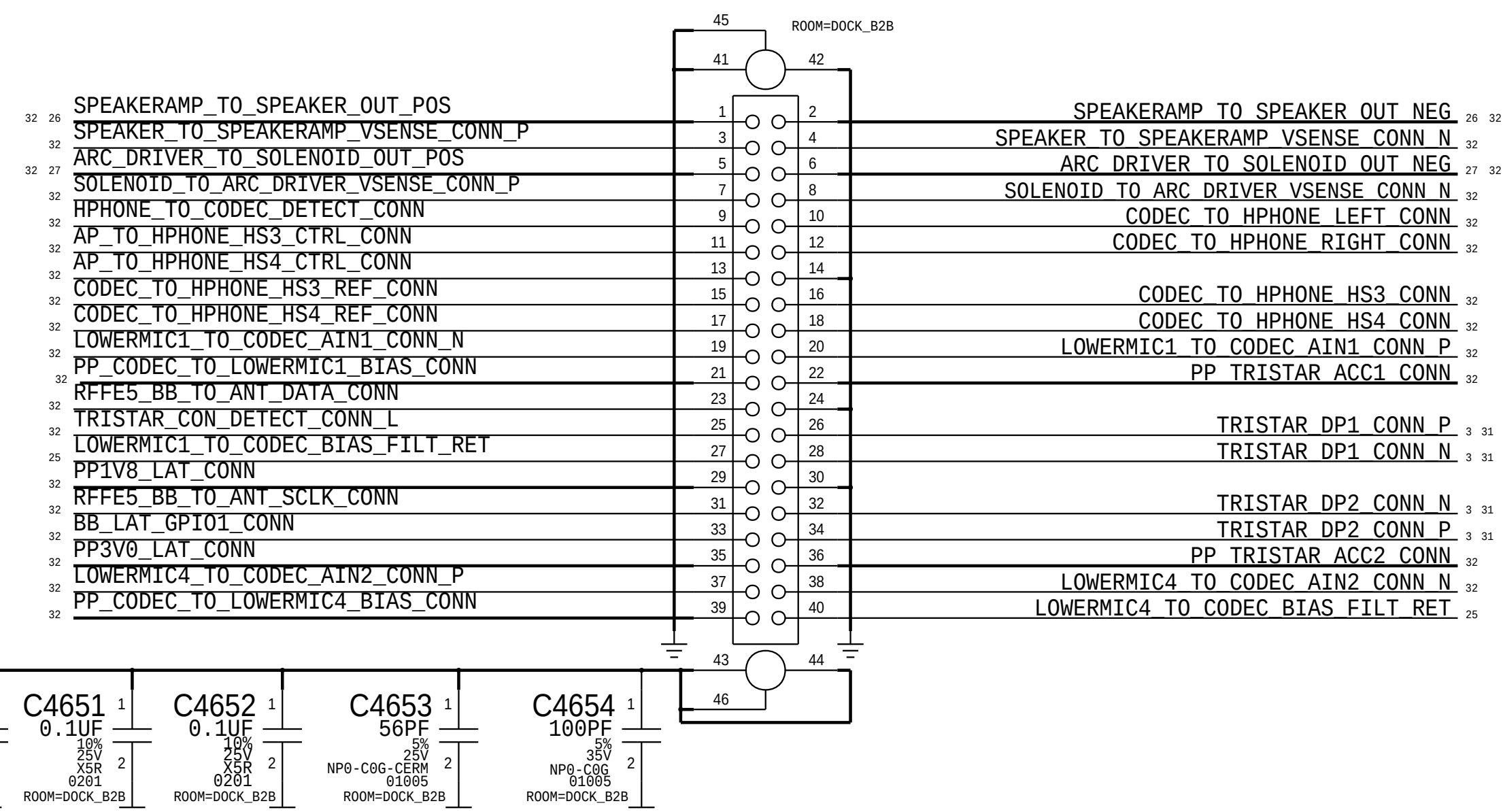
DOCK FLEX CONNECTOR

MLB: 516S00033 (RCPT)

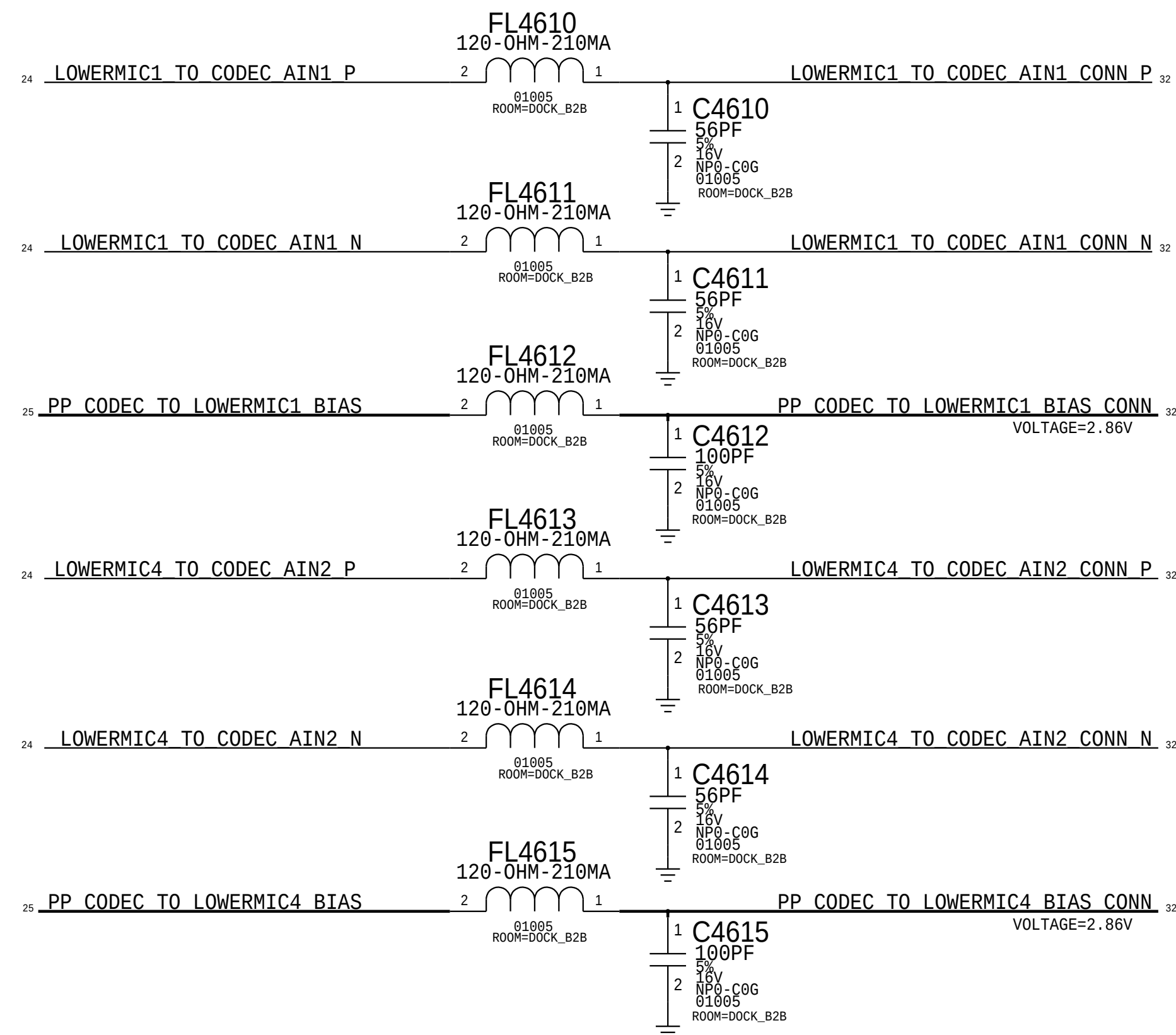
FLEX: 516S00034 (PLUG)

CRITICAL
14600

24-5859-040-XXX-829



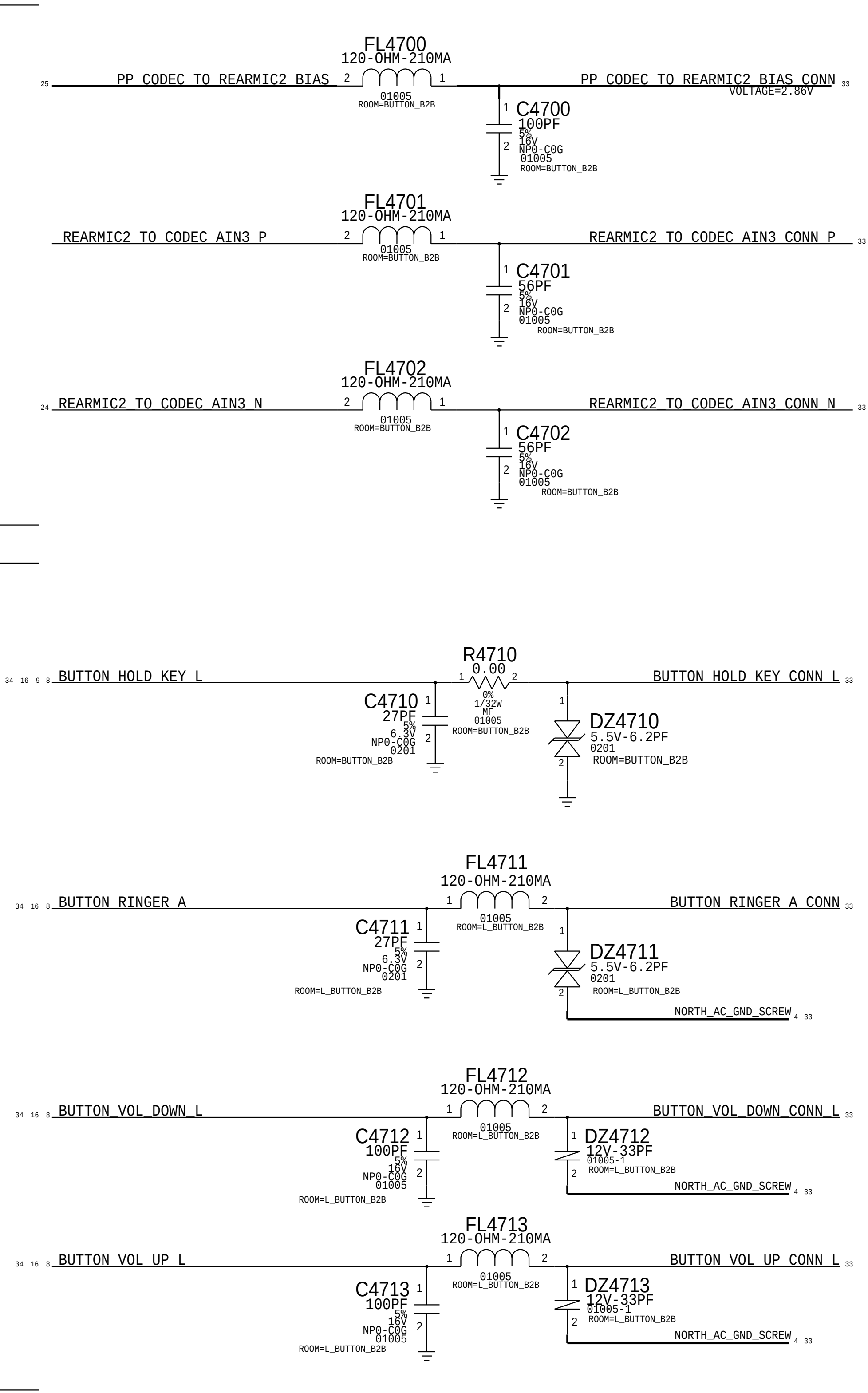
LOWER MIC1/4



87654321

BUTTON FLEX

MIC2
ANC REF MIC



BUTTONS:
HOLD
RINGER
VOL UP/DOWN

RIGHT BUTTON FLEX CONNECTOR

MLB: 516S00047 (RCPT)

FLEX: 516S00046 (PLUG)

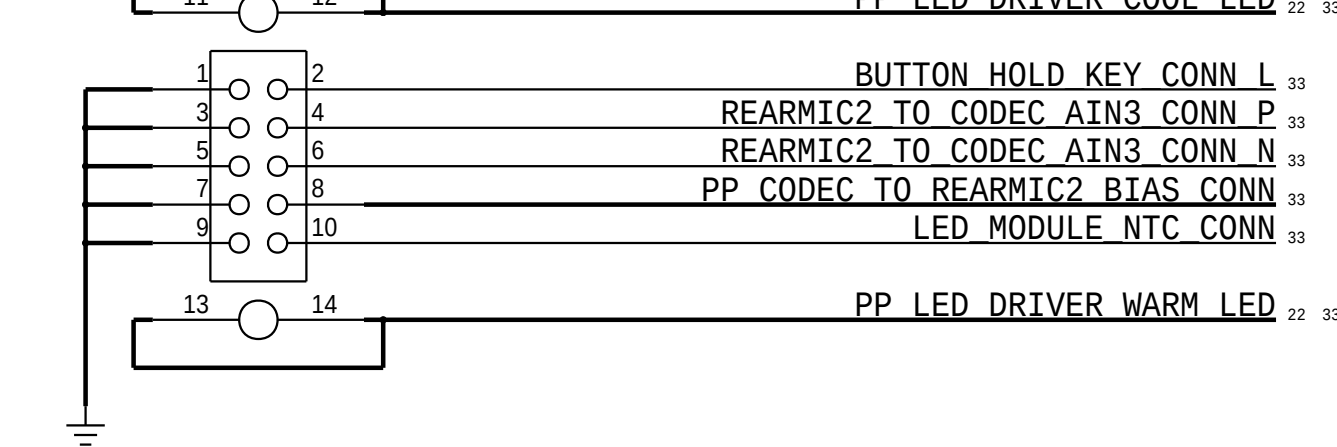
CRITICAL

ROOM=BUTTON_B2B

J4700

BM28P0.6-10DS-0.35V

F-ST-SM



LEFT BUTTON FLEX CONNECTOR

MLB: 516S1317

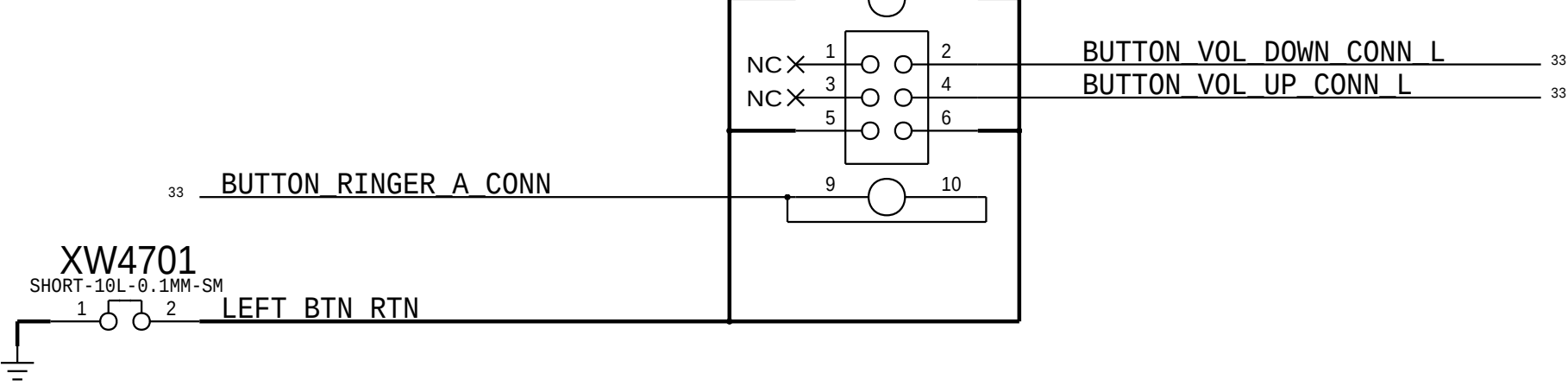
CRITICAL

ROOM=L_BUTTON_B2B

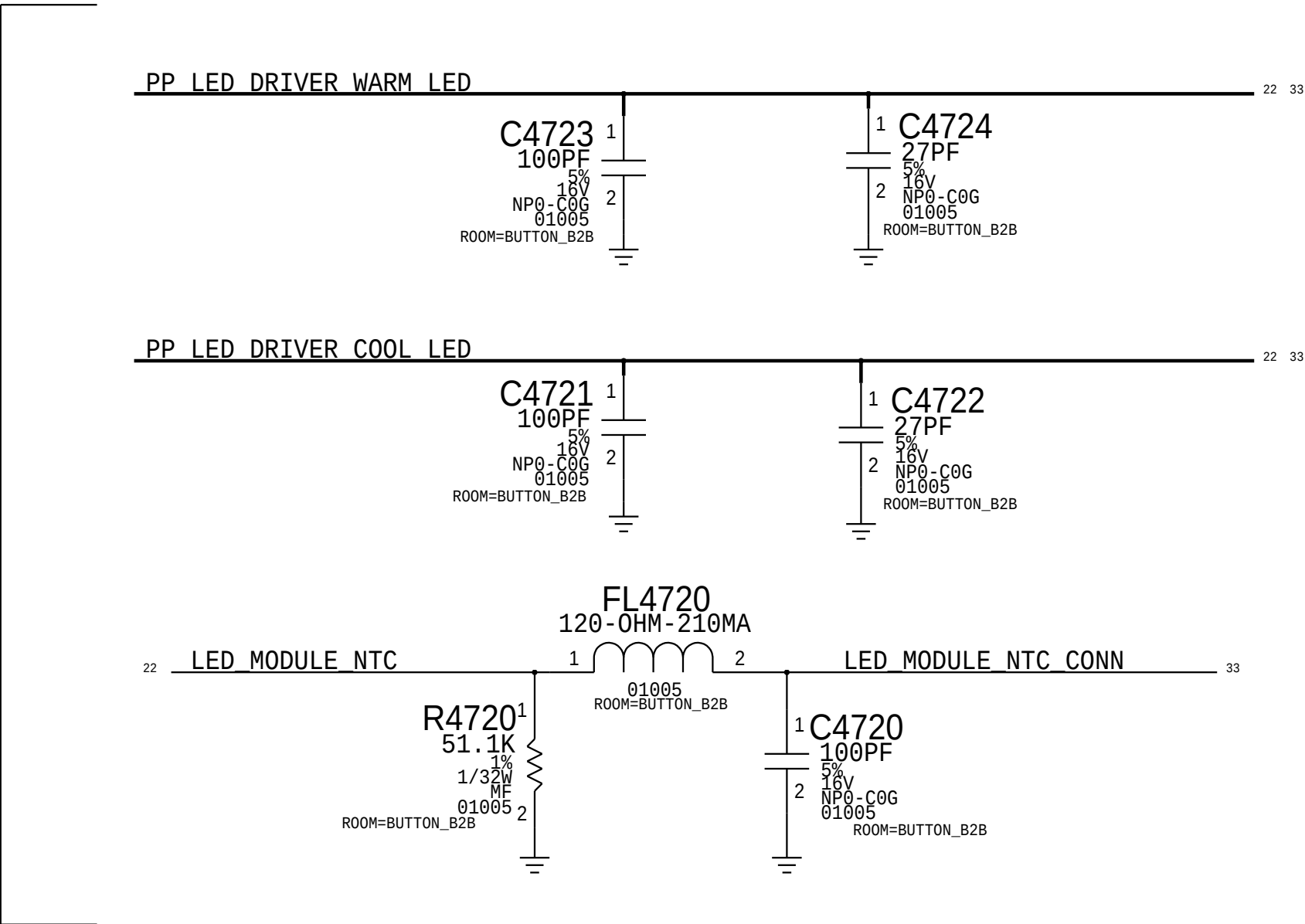
J4701

505066-0610

F-ST-SM



STROBE:
WARM LED
COOL LED
MODULE NTC



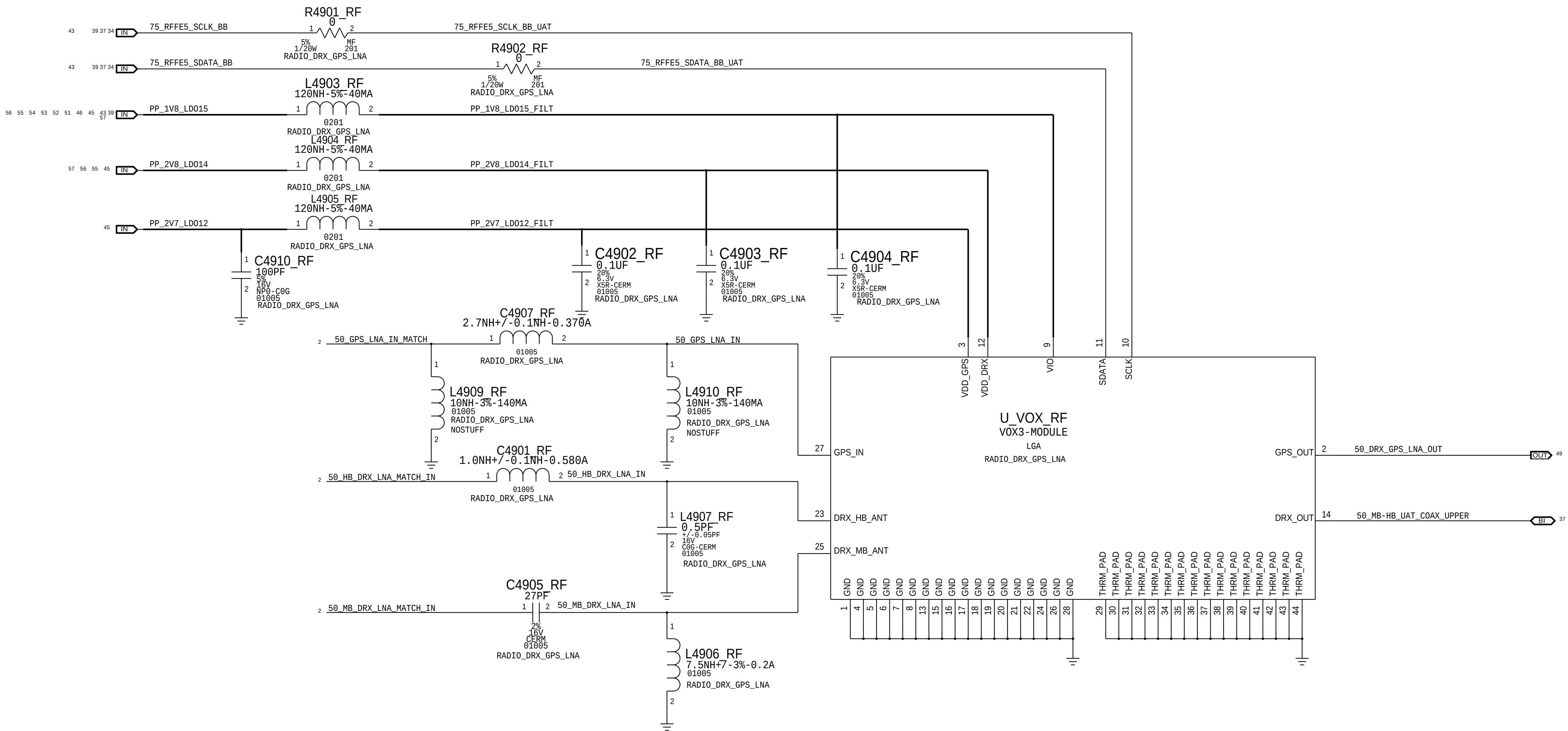
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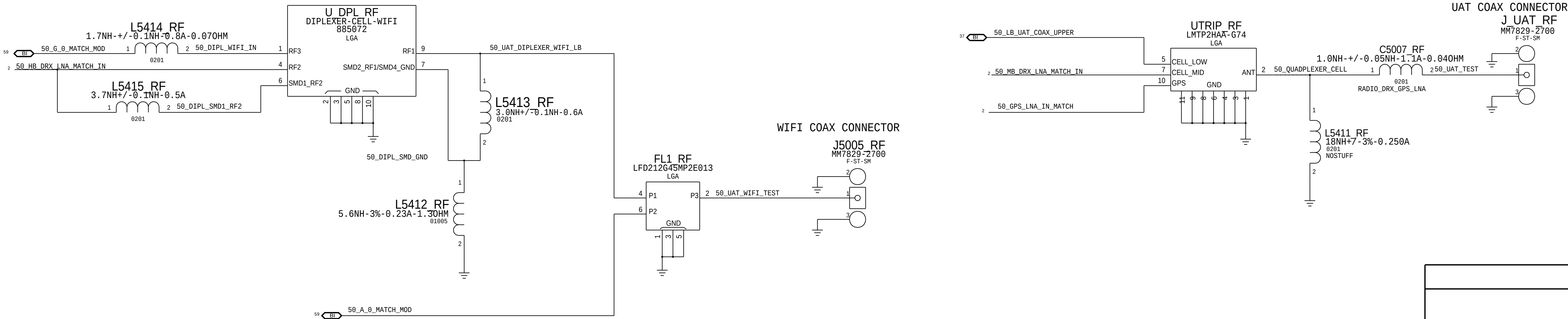
D	8		7		6		5		4		3		2		1																																																																																																																				
	1. ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%.														REV	ECN	DESCRIPTION OF REVISION	CK APPD DATE																																																																																																																	
	2. ALL CAPACITANCE VALUES ARE IN MICROFARADS.																																																																																																																																		
3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ.														4	0003980769	ENGINEERING RELEASED	2015-03-27																																																																																																																		
N66 RADIO_MLB_MIMO - EVT_MD																																																																																																																																			
MARCH 26, 2015																																																																																																																																			
C	PDF PAGE		CSA PAGE		CONTENTS																																																																																																																														
	2		2		ELNA & UAT ANT FEED																																																																																																																														
	3		3		FE: ANT CONNECTORS AND UAT TUNER																																																																																																																														
	4		30		DEBUG CONN & TEST POINTS																																																																																																																														
	5		31		CELLULAR BASEBAND: POWER1																																																																																																																														
	6		32		CELLULAR BASEBAND: POWER2																																																																																																																														
	7		33		CELLULAR BASEBAND: CONTROL AND INTERFACES																																																																																																																														
	8		34		CELLULAR BASEBAND: GPIOs																																																																																																																														
	9		35		CELLULAR PMU: CONTROL AND CLOCKS																																																																																																																														
	10		36		CELLULAR PMU: SWITCHERS AND LDOS																																																																																																																														
	11		37		CELLULAR PMU: ET MODULATOR																																																																																																																														
	12		38		CELLULAR TRANSCEIVER: POWER																																																																																																																														
	13		39		CELLULAR TRANSCEIVER: PRX PORTS																																																																																																																														
	14		40		CELLULAR TRANSCEIVER: DRX/GPS PORTS																																																																																																																														
	15		41		CELLULAR TRANSCEIVER: TX PORTS																																																																																																																														
	16		42		CELLULAR FRONT END: LB PAD																																																																																																																														
	17		43		CELLULAR FRONT END: MB PAD																																																																																																																														
	18		44		CELLULAR FRONT END: HB PAD																																																																																																																														
	19		45		CELLULAR FRONT END: 2G PA																																																																																																																														
	20		46		CELLULAR FRONT END: LB ASM																																																																																																																														
	21		47		CELLULAR FRONT END: MB-HB ASM																																																																																																																														
	22		48		CELLULAR FRONT END: DIVERSITY																																																																																																																														
	23		49		SIM																																																																																																																														
	24		50		WIFI/BT: WIFI/BT MODULE																																																																																																																														
	25		51		STOCKHOLM																																																																																																																														
B	HB PAD																																																																																																																																		
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LB PAD																																																																																																																																			
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VINYL																																																																																																																																			
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VINYL RESISTOR																																																																																																																																			
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A	ROW HB PAD MATCHING BOM OPTIONS																																																																																																																																		
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131S0426	1	22PF, CAPACITOR	C4405_RF	ROW																																																																																																																															
152S2042	1	1.8NH, INDUCTOR	C4406_RF	ROW																																																																																																																															
131S0425	1	0.5PF, CAPACITOR	L4407_RF	ROW																																																																																																																															
152S2041	1	10.0NH, INDUCTOR	L4403_RF	ROW																																																																																																																															
131S00071	1	33PF, CAPACITOR	C4407_RF	ROW																																																																																																																															
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131S00071	1	33PF, CAPACITOR	C4408_RF	ROW																																																																																																																															
117S0108	1	51 OHM, RESISTOR	L4410_RF	ROW																																																																																																																															
131S0599	1	1.5PF, CAPACITOR	C3921_RF	ROW																																																																																																																															
152S00052	1	3.4NH, INDUCTOR	L3910_RF	ROW																																																																																																																															
117S0201	1	0 OHM, RESISTOR	L3911_RF	ROW																																																																																																																															
152S2039	1	3.8NH, INDUCTOR	L3919_RF	ROW																																																																																																																															
131S0414	1	5.0PF, CAPACITOR	C4410_RF	ROW																																																																																																																															
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131S0340	1	2.0PF, CAPACITOR	L4219_RF	ROW																																																																																																																															
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118S0724	1	0 OHM, RESISTOR	R4201_RF	ROW																																																																																																																															
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131S0414	1	5.0PF, CAPACITOR	C4410_RF	RF2																																																																																																																															
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<table><tr><th>PART#</th><th>QTY</th><th>DESCRIPTION</th><th>REFERENCE DESIGNATOR(S)</th><th>BOM OPTION</th></tr><tr><td>131S0551</td><td>1</td><td>1.2PF, CAPACITOR</td><td>L4203_RF</td><td>RF2</td></tr><tr><td>152S2004</td><td>1</td><td>3.3NH, INDUCTOR</td><td>C4205_RF</td><td>RF2</td></tr><tr><td>131S0551</td><td>1</td><td>1.2PF, CAPACITOR</td><td>L4204_RF</td><td>RF2</td></tr><tr><td>152S2020</td><td>1</td><td>3.6NH, INDUCTOR</td><td>C4206_RF</td><td>RF2</td></tr><tr><td>131S0551</td><td>1</td><td>1.2PF, CAPACITOR</td><td>L4205_RF</td><td>RF2</td></tr><tr><td>152S00202</td><td>1</td><td>4.0NH, INDUCTOR</td><td>C4207_RF</td><td>RF2</td></tr><tr><td>131S0336</td><td>1</td><td>1.3PF, CAPACITOR</td><td>L4206_RF</td><td>RF2</td></tr><tr><td>152S2022</td><td>1</td><td>4.3NH, INDUCTOR</td><td>C4208_RF</td><td>RF2</td></tr><tr><td>131S0555</td><td>1</td><td>1.0PF, CAPACITOR</td><td>L4207_RF</td><td>RF2</td></tr><tr><td>152S00052</td><td>1</td><td>3.4NH, INDUCTOR</td><td>C4209_RF</td><td>RF2</td></tr><tr><td>131S0551</td><td>1</td><td>1.2PF, CAPACITOR</td><td>L4209_RF</td><td>RF2</td></tr><tr><td>152S00158</td><td>1</td><td>4.1NH, INDUCTOR</td><td>C4211_RF</td><td>RF2</td></tr><tr><td>131S00070</td><td>1</td><td>1.3PF, CAPACITOR</td><td>L4210_RF</td><td>RF2</td></tr><tr><td>152S00100</td><td>1</td><td>4.2NH, INDUCTOR</td><td>C4212_RF</td><td>RF2</td></tr><tr><td>131S0560</td><td>1</td><td>1.1PF, CAPACITOR</td><td>L4211_RF</td><td>RF2</td></tr><tr><td>152S00027</td><td>1</td><td>3.7NH, INDUCTOR</td><td>C4213_RF</td><td>RF2</td></tr><tr><td>152S00202</td><td>1</td><td>4.0NH, INDUCTOR</td><td>L4201_RF</td><td>RF2</td></tr><tr><td>152S2045</td><td>1</td><td>3.0NH, INDUCTOR</td><td>R4201_RF</td><td>RF2</td></tr><tr><td>152S2056</td><td>1</td><td>5.6NH, INDUCTOR</td><td>L4202_RF</td><td>RF2</td></tr><tr><td>152S1996</td><td>1</td><td>15NH, INDUCTOR</td><td>C3913_RF</td><td>RF2</td></tr><tr><td>131S00074</td><td>1</td><td>30PF, CAPACITOR</td><td>L3902_RF</td><td>RF2</td></tr><tr><td>152S1995</td><td>1</td><td>12NH, INDUCTOR</td><td>C3902_RF</td><td>RF2</td></tr></table>																	PART#	QTY	DESCRIPTION	REFERENCE DESIGNATOR(S)	BOM OPTION	131S0551	1	1.2PF, CAPACITOR	L4203_RF	RF2	152S2004	1	3.3NH, INDUCTOR	C4205_RF	RF2	131S0551	1	1.2PF, CAPACITOR	L4204_RF	RF2	152S2020	1	3.6NH, INDUCTOR	C4206_RF	RF2	131S0551	1	1.2PF, CAPACITOR	L4205_RF	RF2	152S00202	1	4.0NH, INDUCTOR	C4207_RF	RF2	131S0336	1	1.3PF, CAPACITOR	L4206_RF	RF2	152S2022	1	4.3NH, INDUCTOR	C4208_RF	RF2	131S0555	1	1.0PF, CAPACITOR	L4207_RF	RF2	152S00052	1	3.4NH, INDUCTOR	C4209_RF	RF2	131S0551	1	1.2PF, CAPACITOR	L4209_RF	RF2	152S00158	1	4.1NH, INDUCTOR	C4211_RF	RF2	131S00070	1	1.3PF, CAPACITOR	L4210_RF	RF2	152S00100	1	4.2NH, INDUCTOR	C4212_RF	RF2	131S0560	1	1.1PF, CAPACITOR	L4211_RF	RF2	152S00027	1	3.7NH, INDUCTOR	C4213_RF	RF2	152S00202	1	4.0NH, INDUCTOR	L4201_RF	RF2	152S2045	1	3.0NH, INDUCTOR	R4201_RF	RF2	152S2056	1	5.6NH, INDUCTOR	L4202_RF	RF2	152S1996	1	15NH, INDUCTOR	C3913_RF	RF2	131S00074	1	30PF, CAPACITOR	L3902_RF	RF2	152S1995	1	12NH, INDUCTOR	C3902_RF	RF2
PART#	QTY	DESCRIPTION	REFERENCE DESIGNATOR(S)	BOM OPTION																																																																																																																															
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CONFIDENTIAL AND PROPRIETARY APPLE SYSTEM DESIGN. FOR REFERENCE PURPOSE ONLY - NOT A CHANGE REQUEST																																																																																																																																			
8		7		6		5		4		3		2		1																																																																																																																					

DIVERSITY LNA

N66-SPECIFIC RADIO PAGE 2



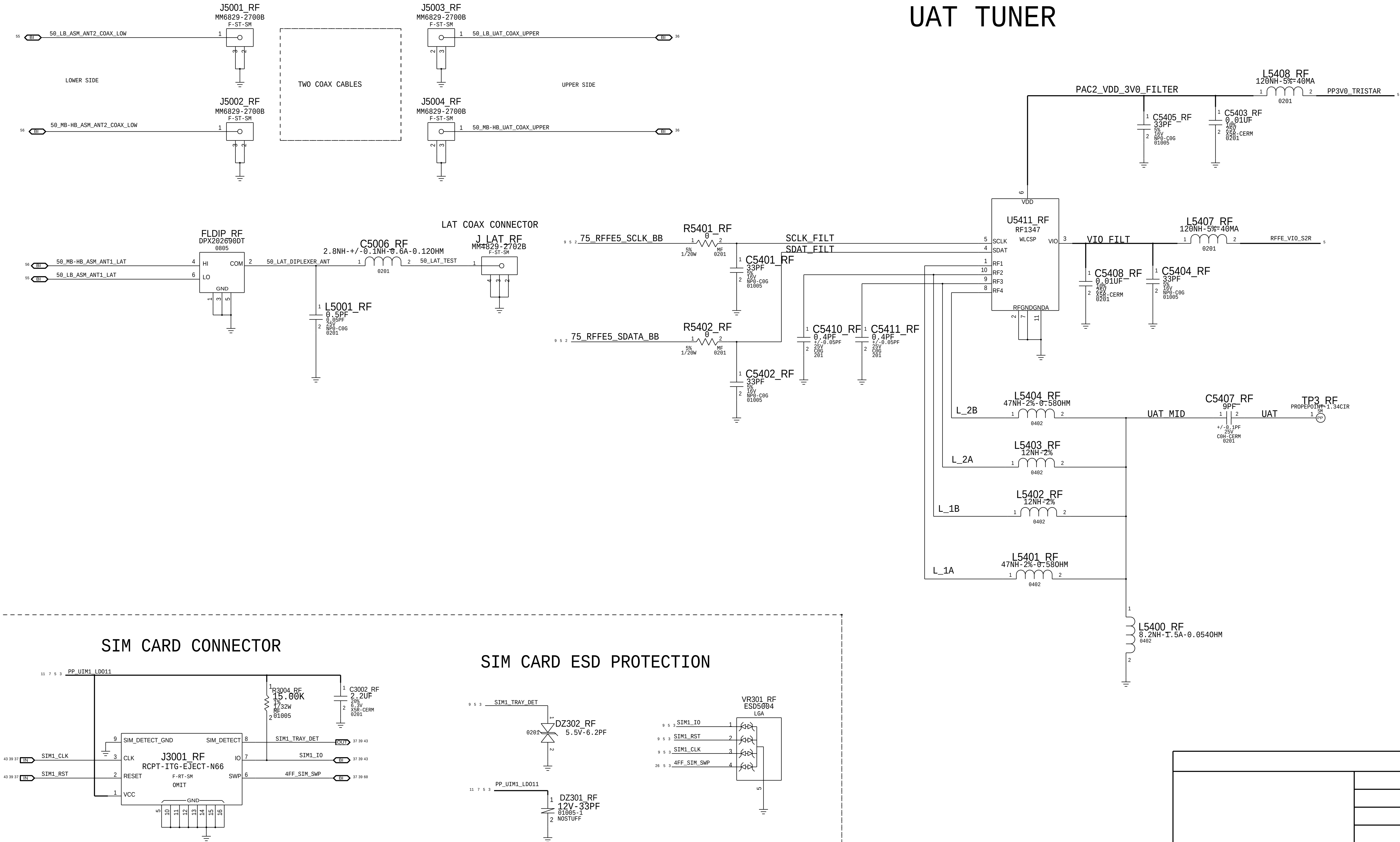
UAT ANT FEED



N66-SPECIFIC RADIO PAGE 3

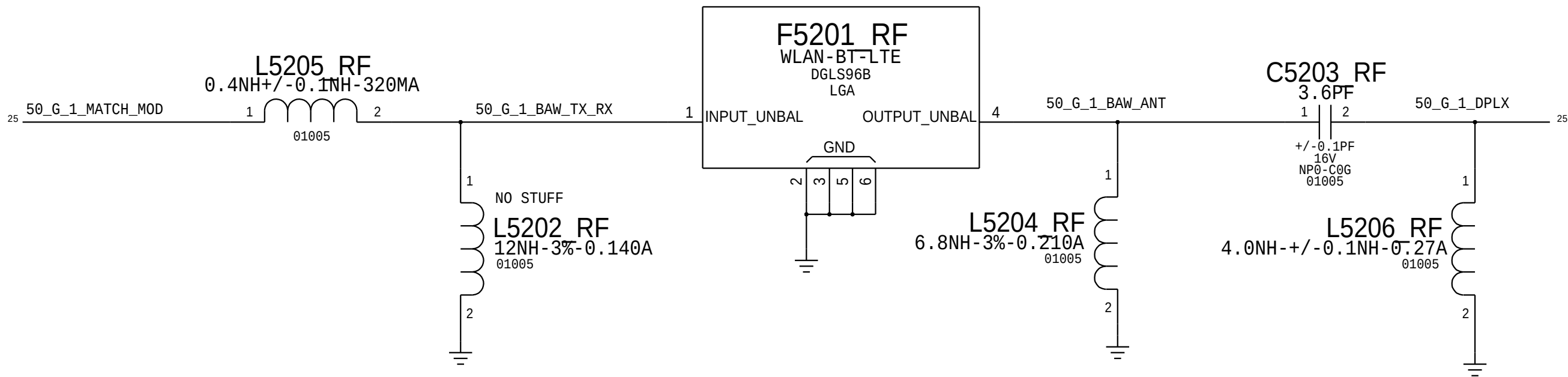
ANTENNA FEEDS AND CONNECTORS

UAT TUNER



N66-SPECIFIC RADIO PAGE 4

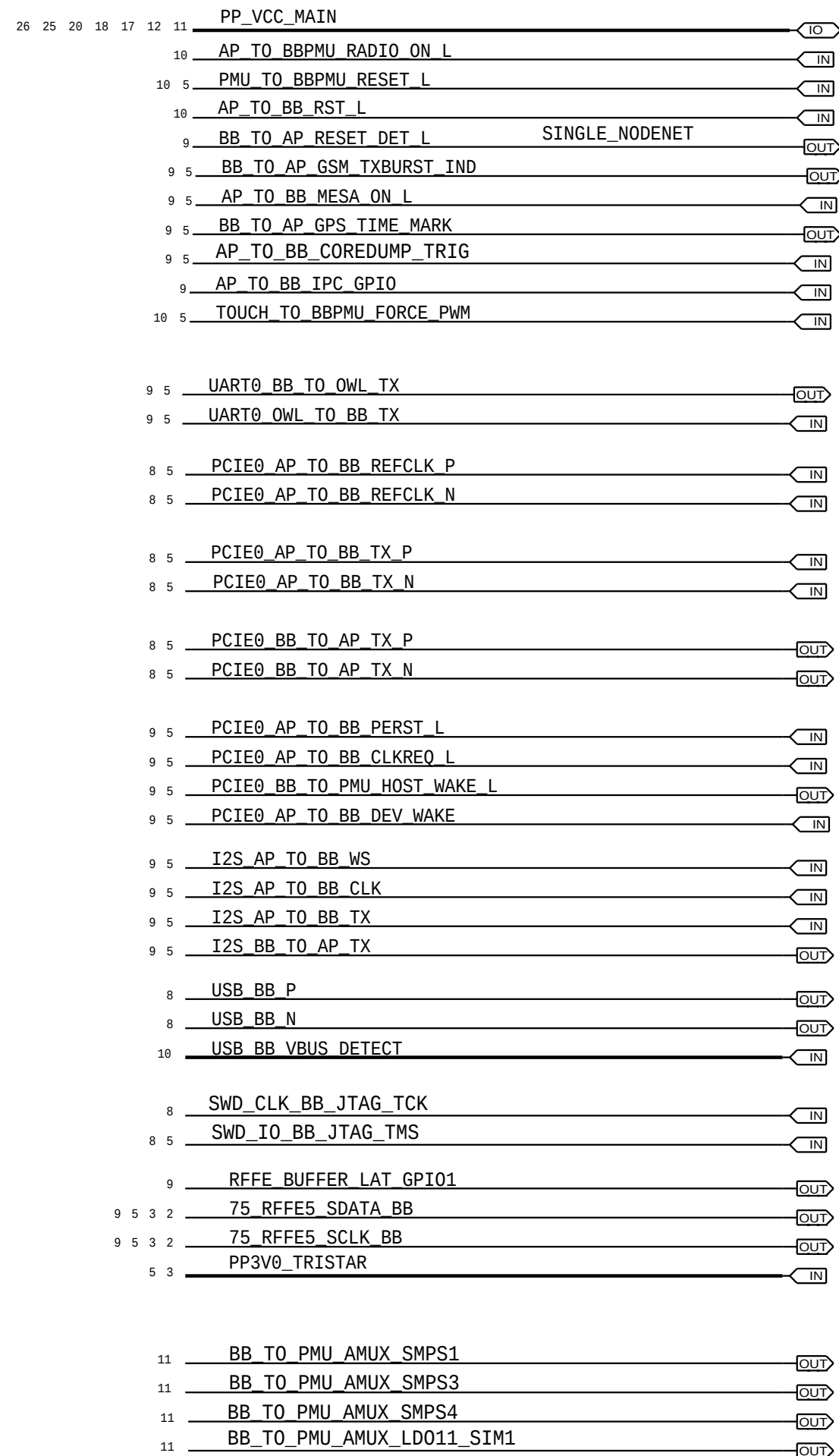
WLAN LAT 2.4GHZ BAW BPF



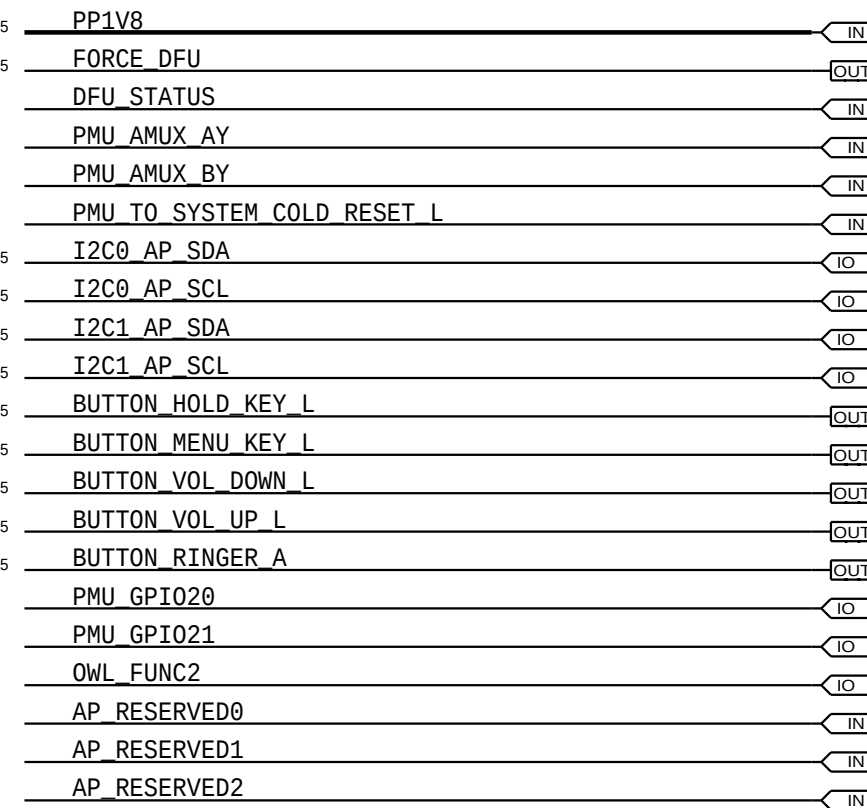
PAGE TITLE	
	SIZE

AP TO BB/WLAN/BT/SH CONNECTIONS

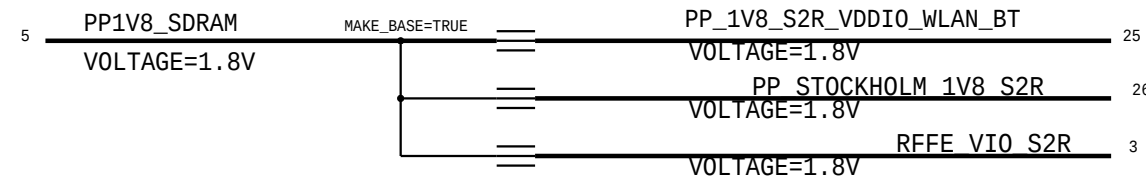
BASEBAND



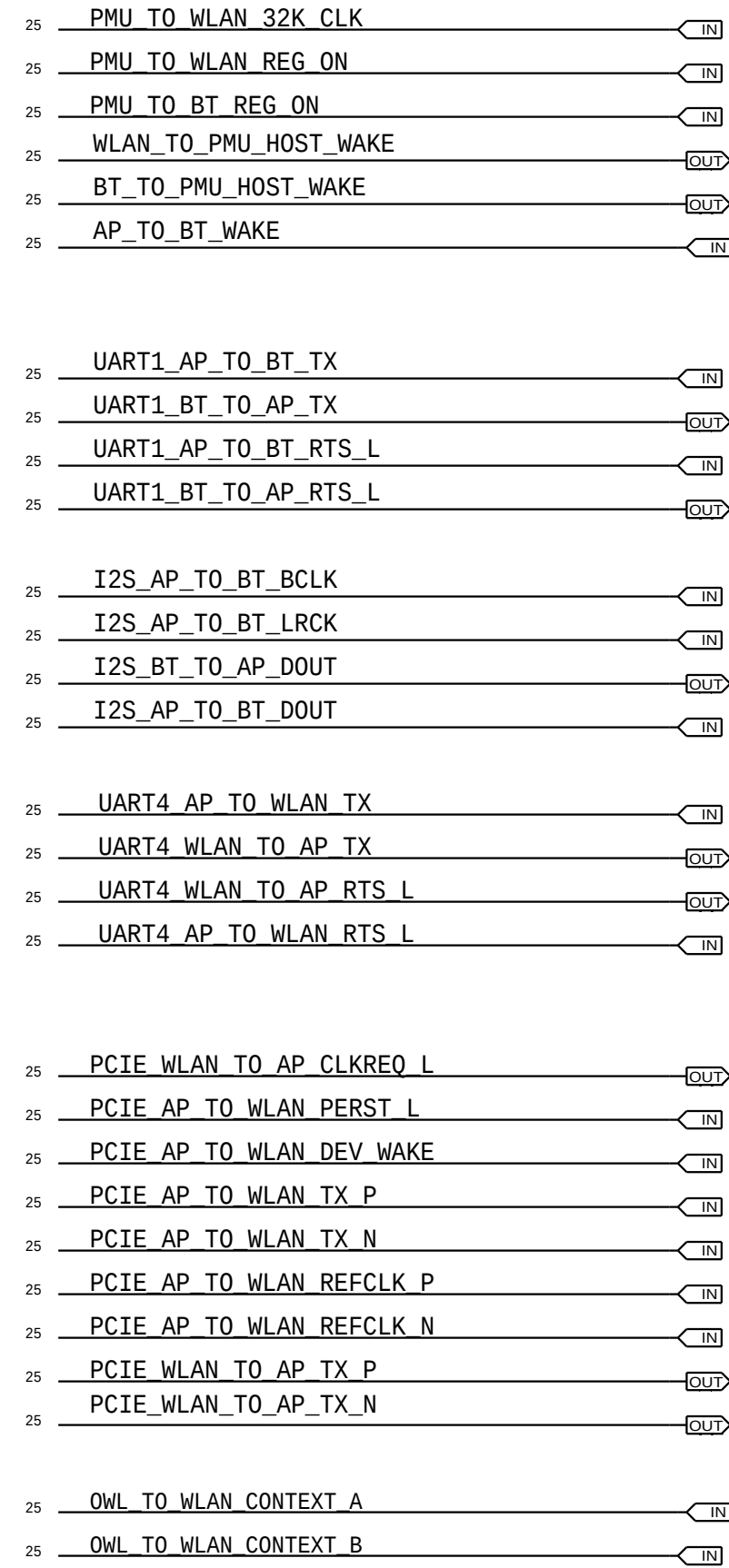
AP DEBUG



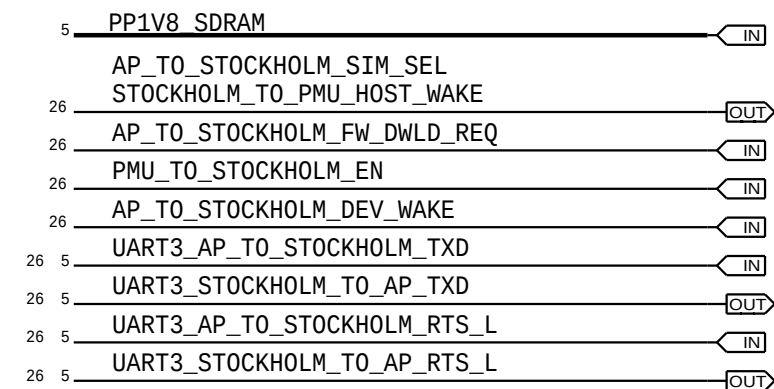
POWER



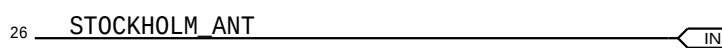
WLAN/BT



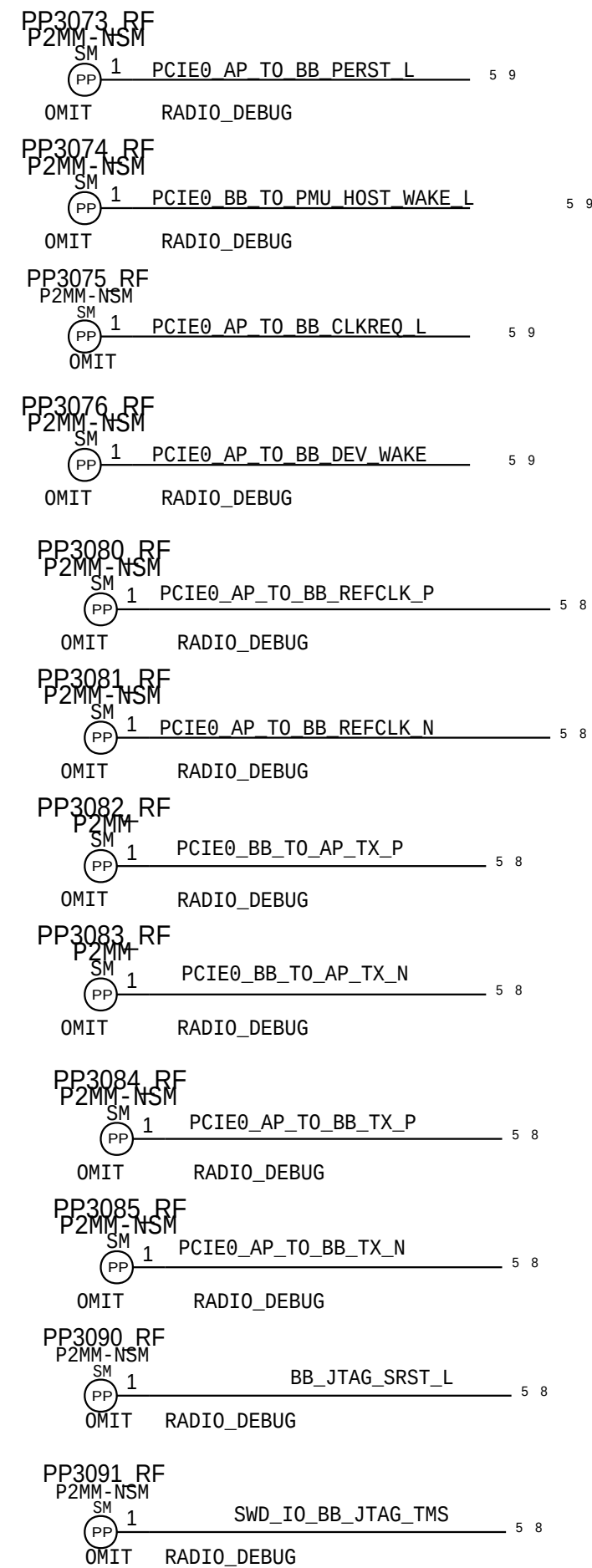
STOCKHOLM



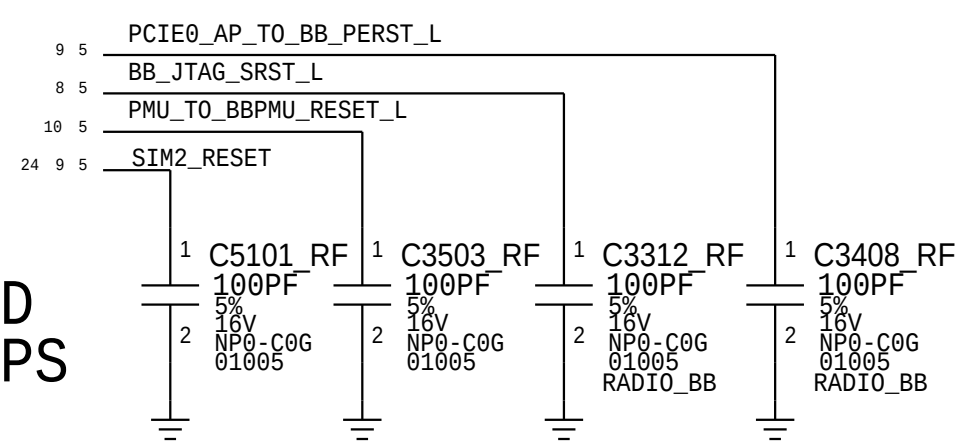
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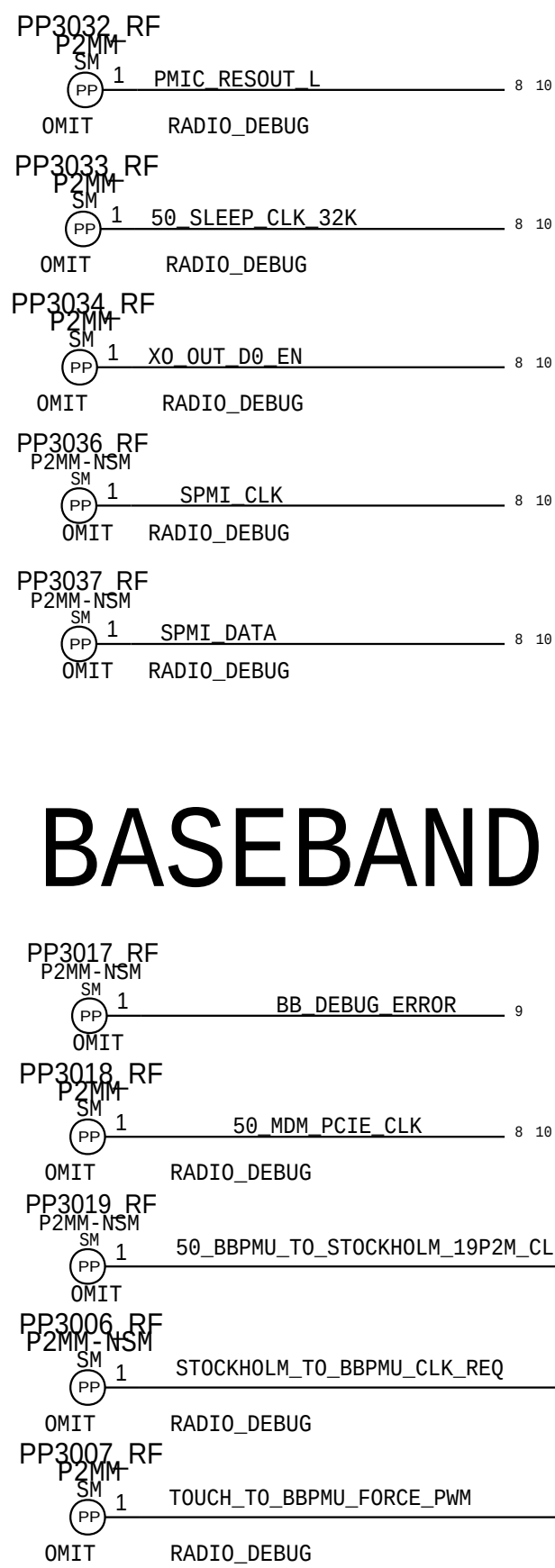
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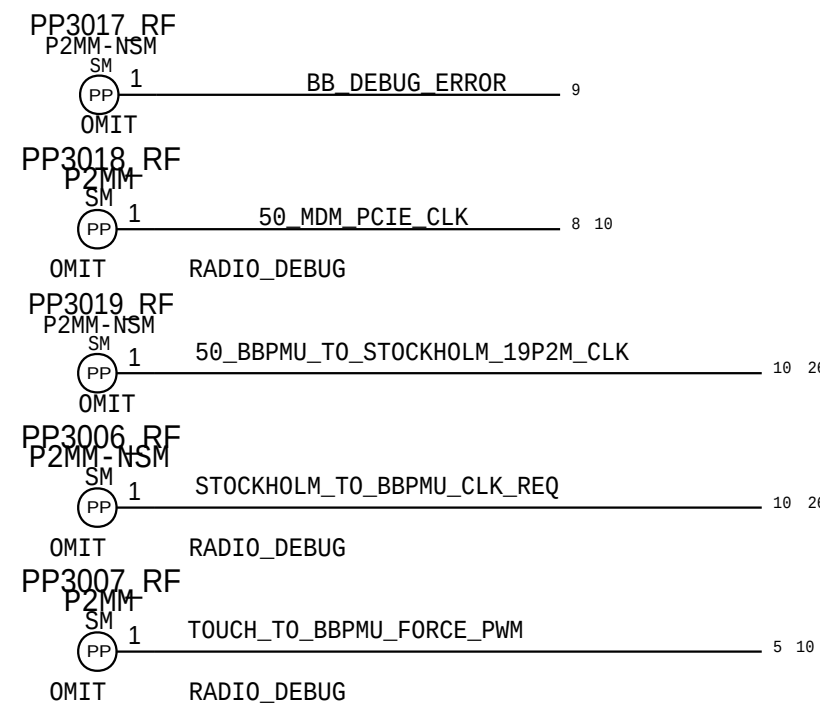
ESD CAPS



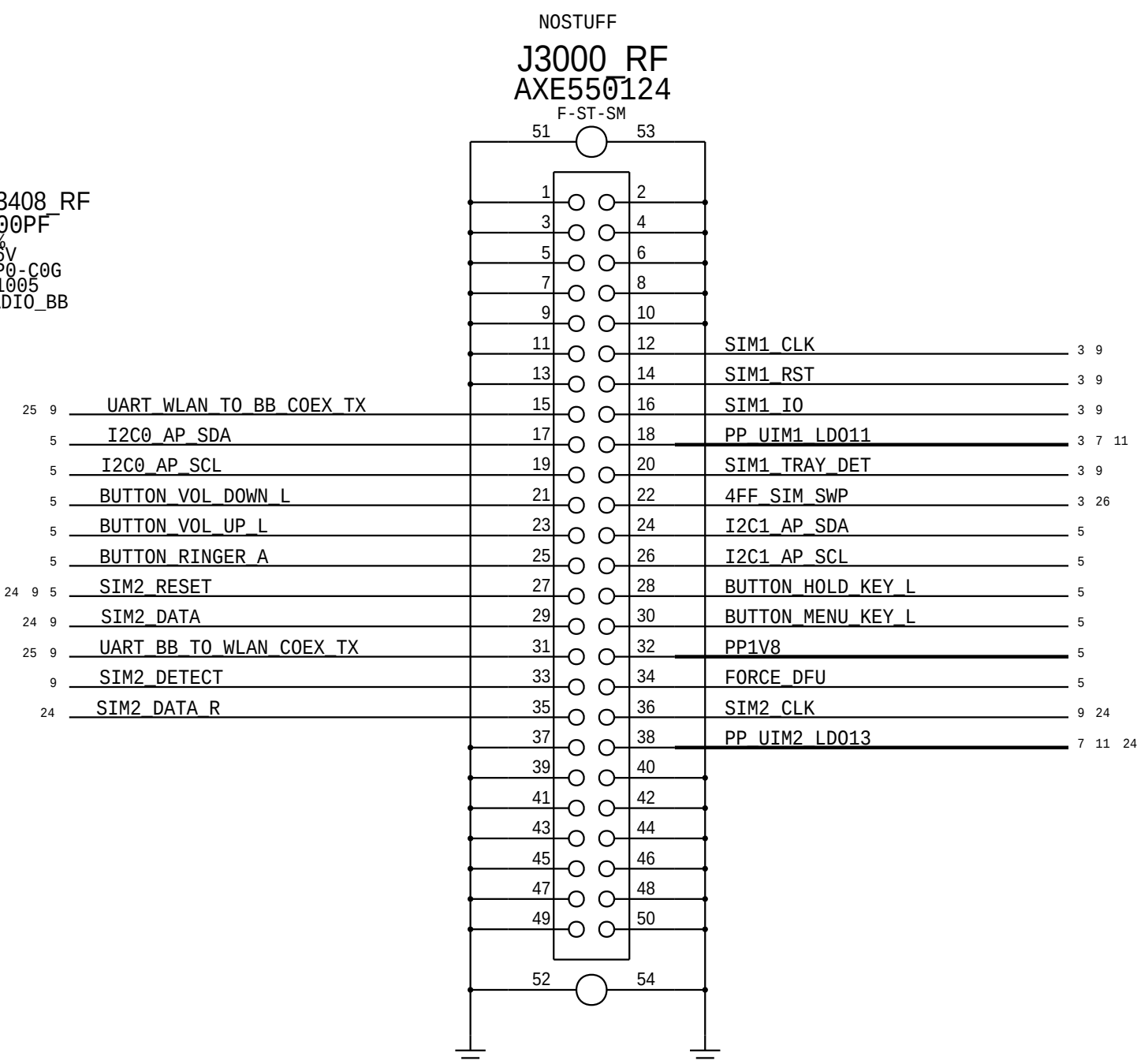
PMU



BASEBAND

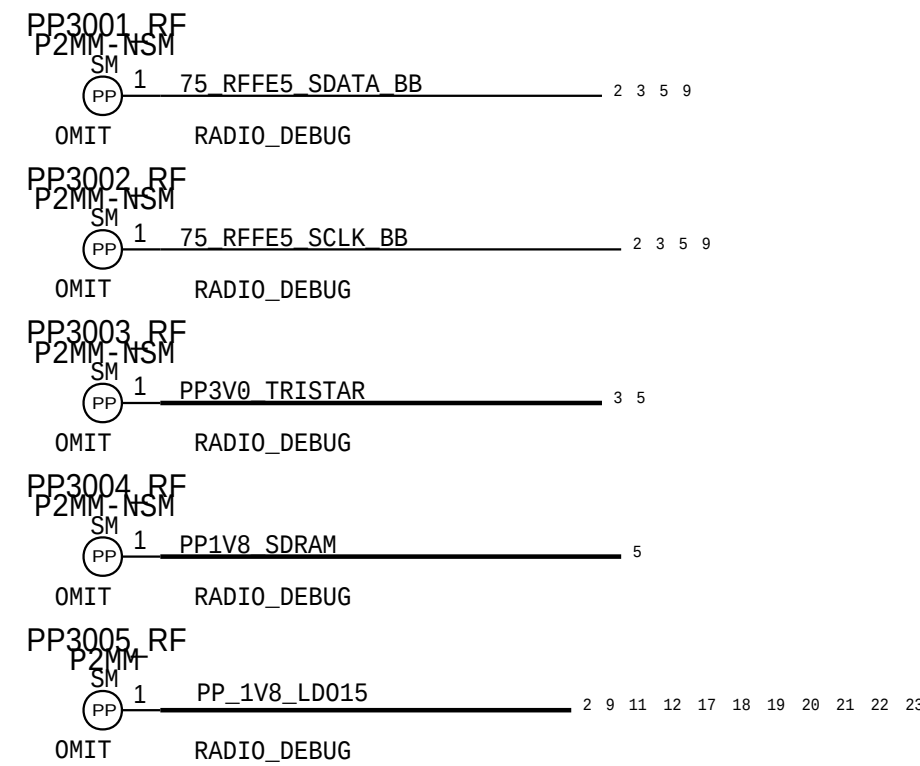


DEBUG CONNECTOR

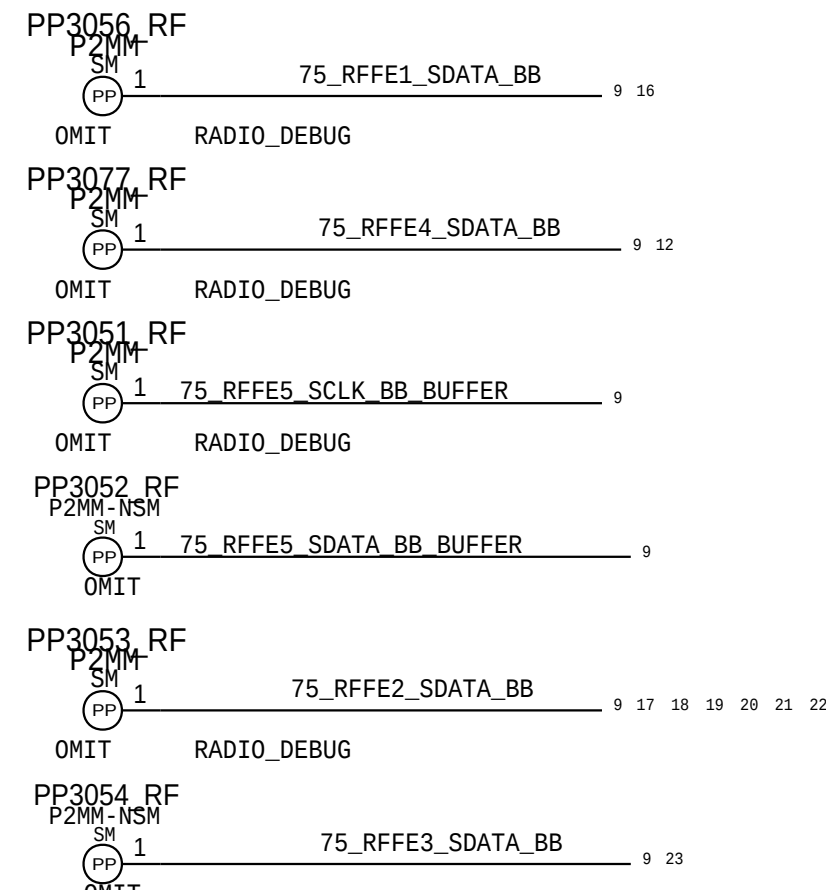


MLB PROBE POINTS

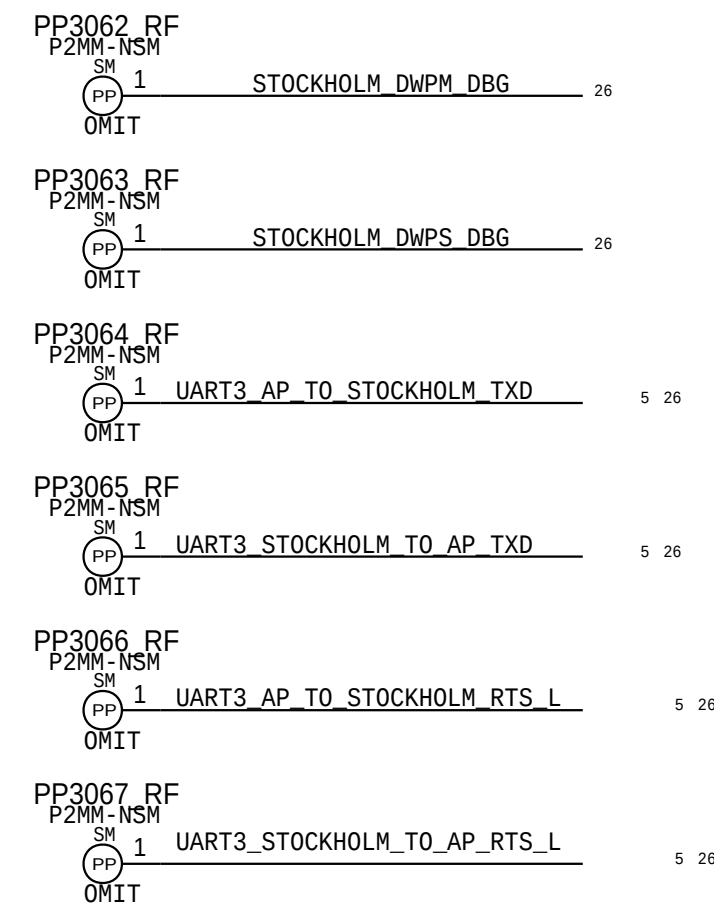
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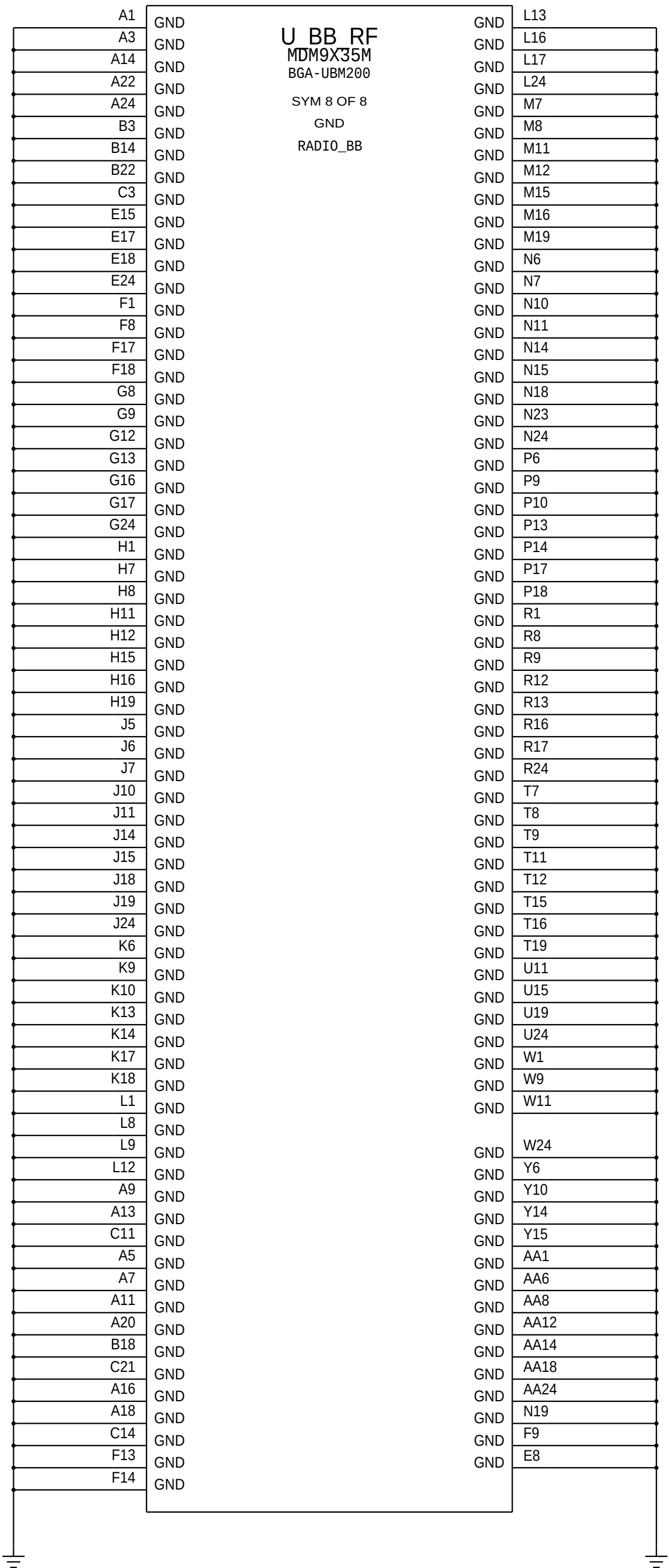
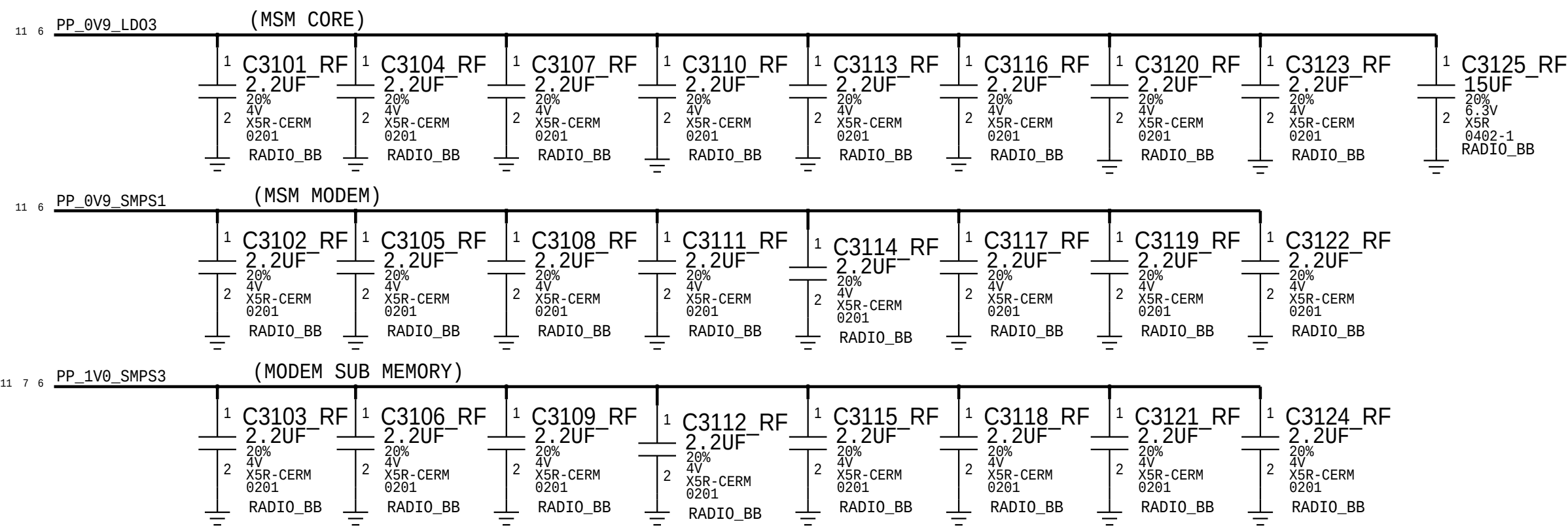
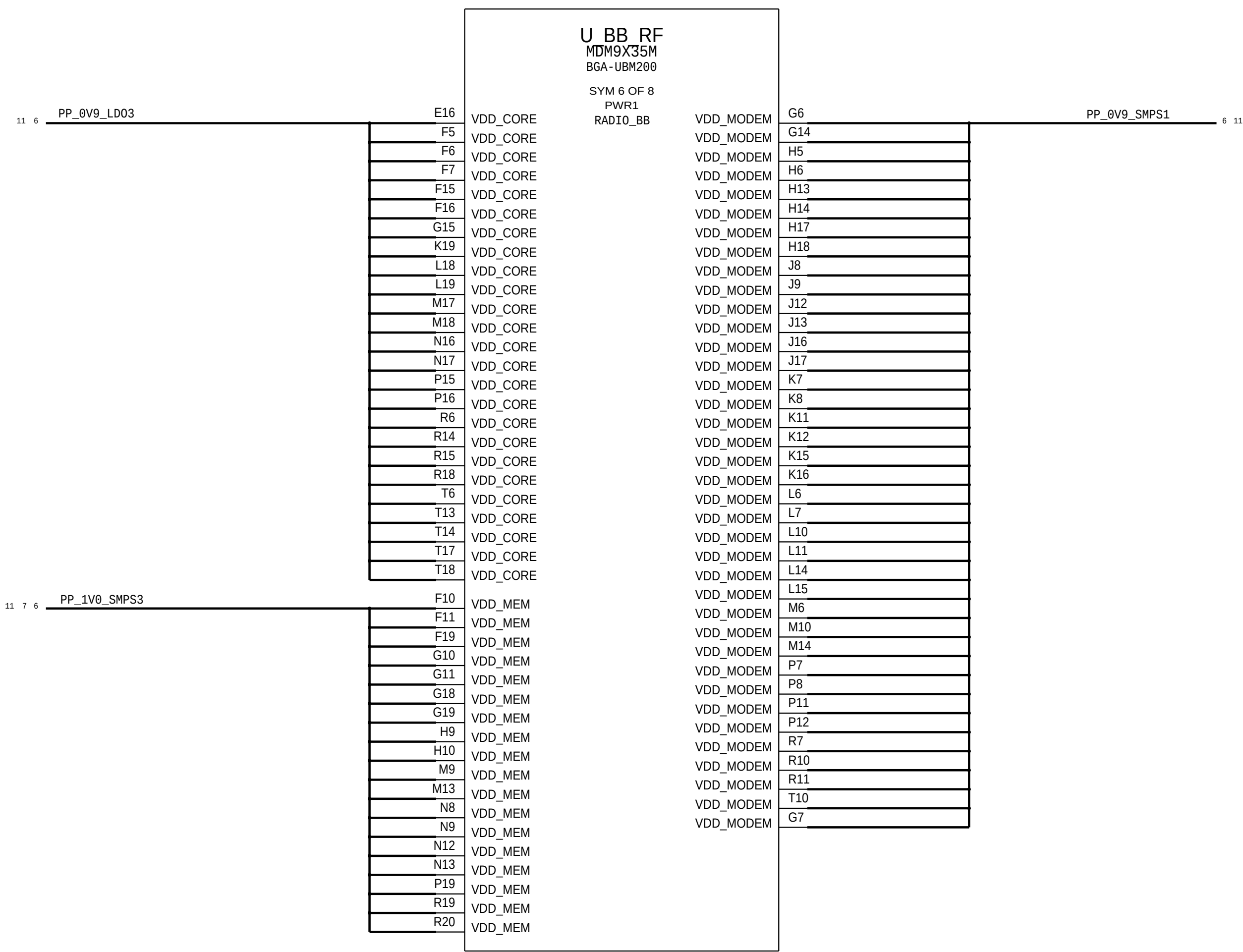
RFFE



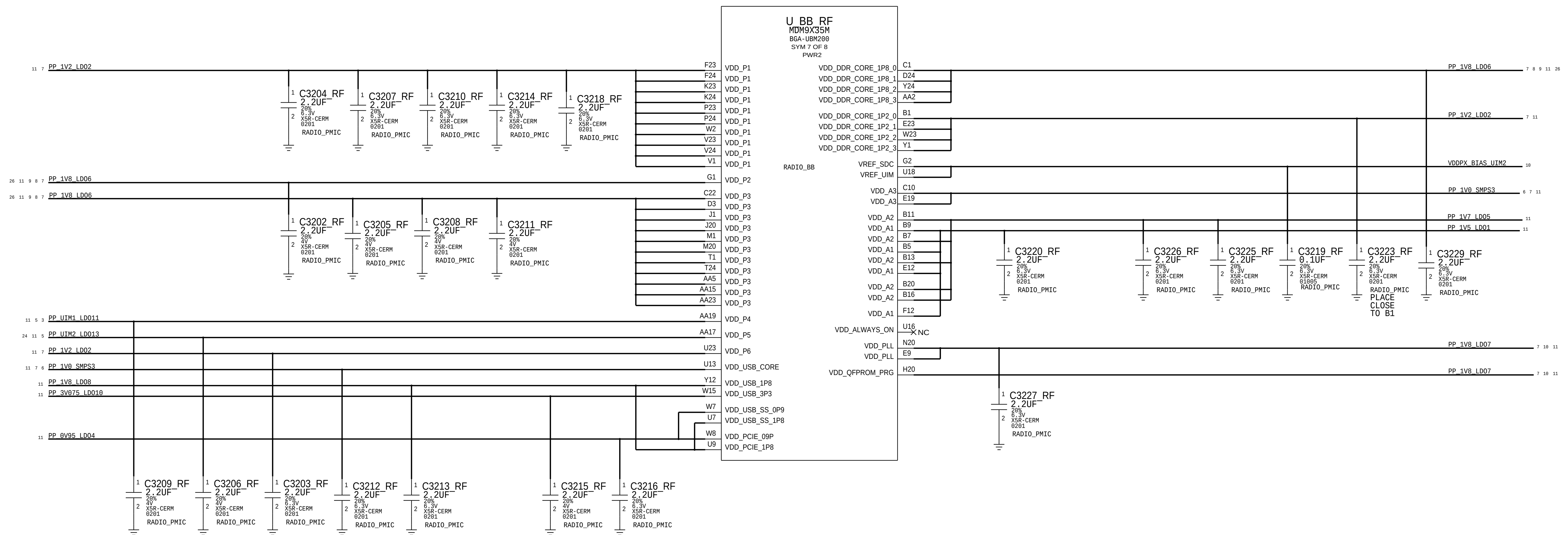
STOCKHOLM



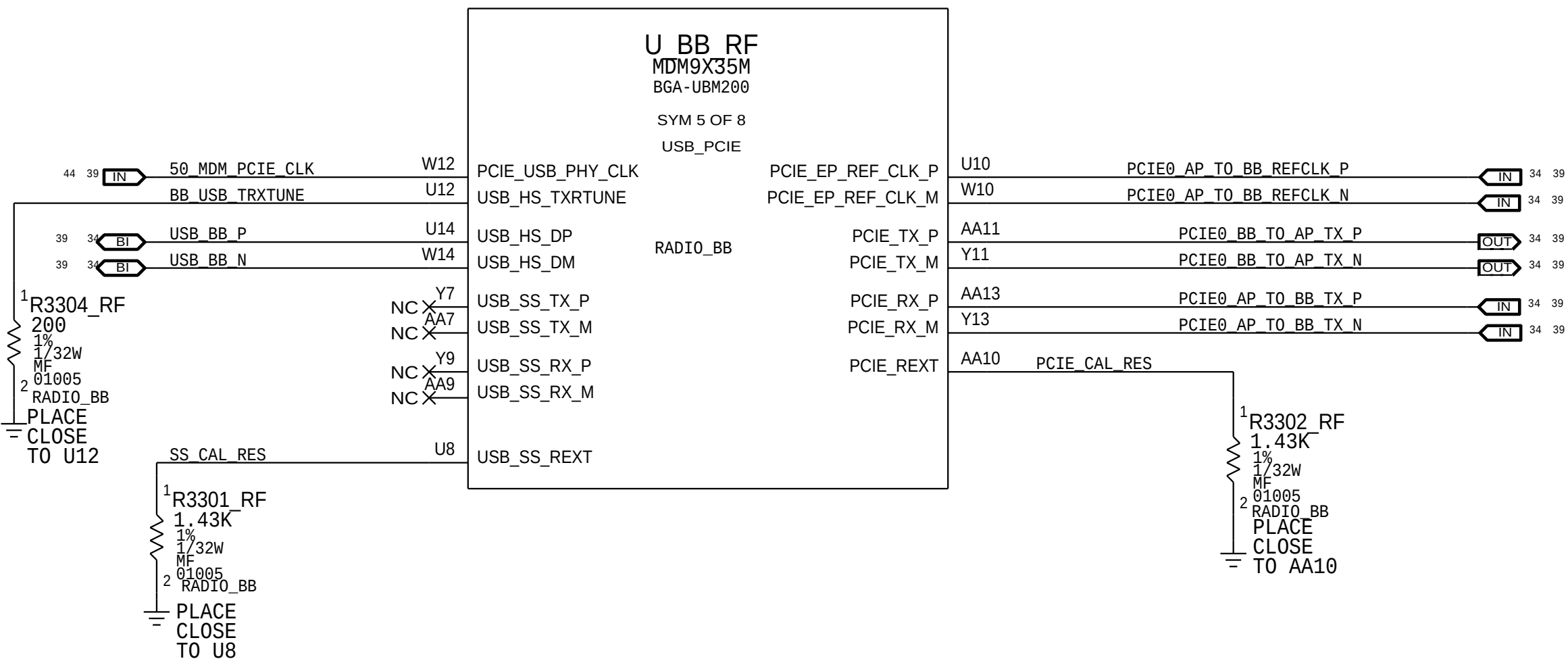
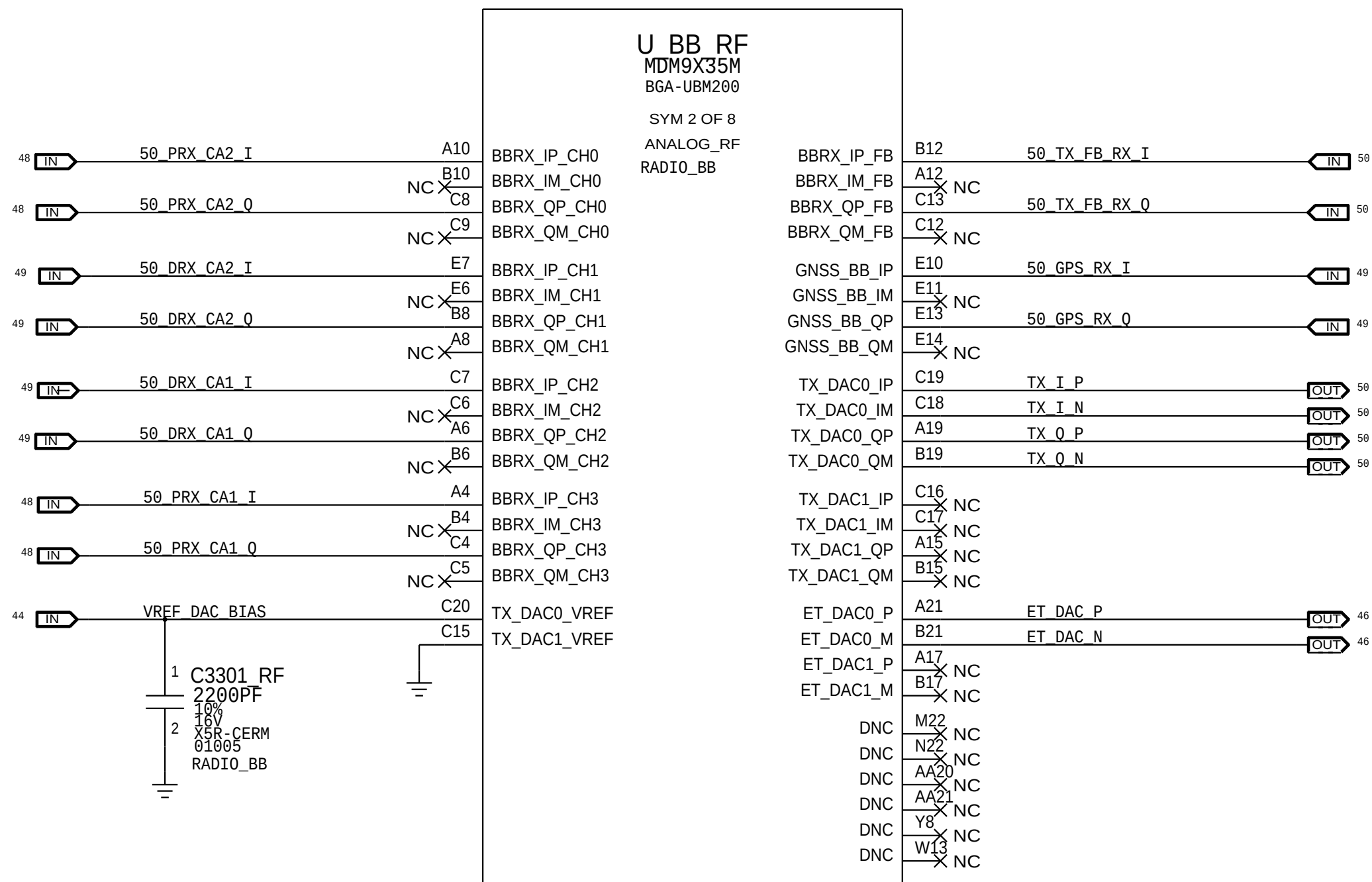
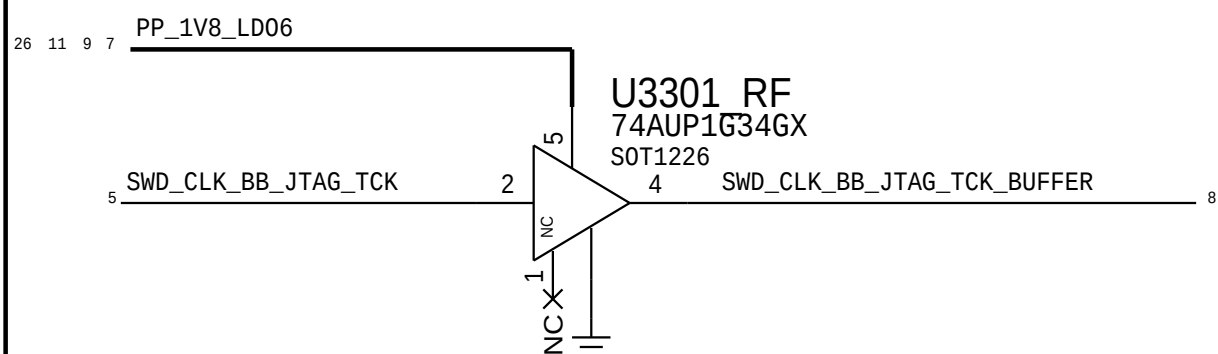
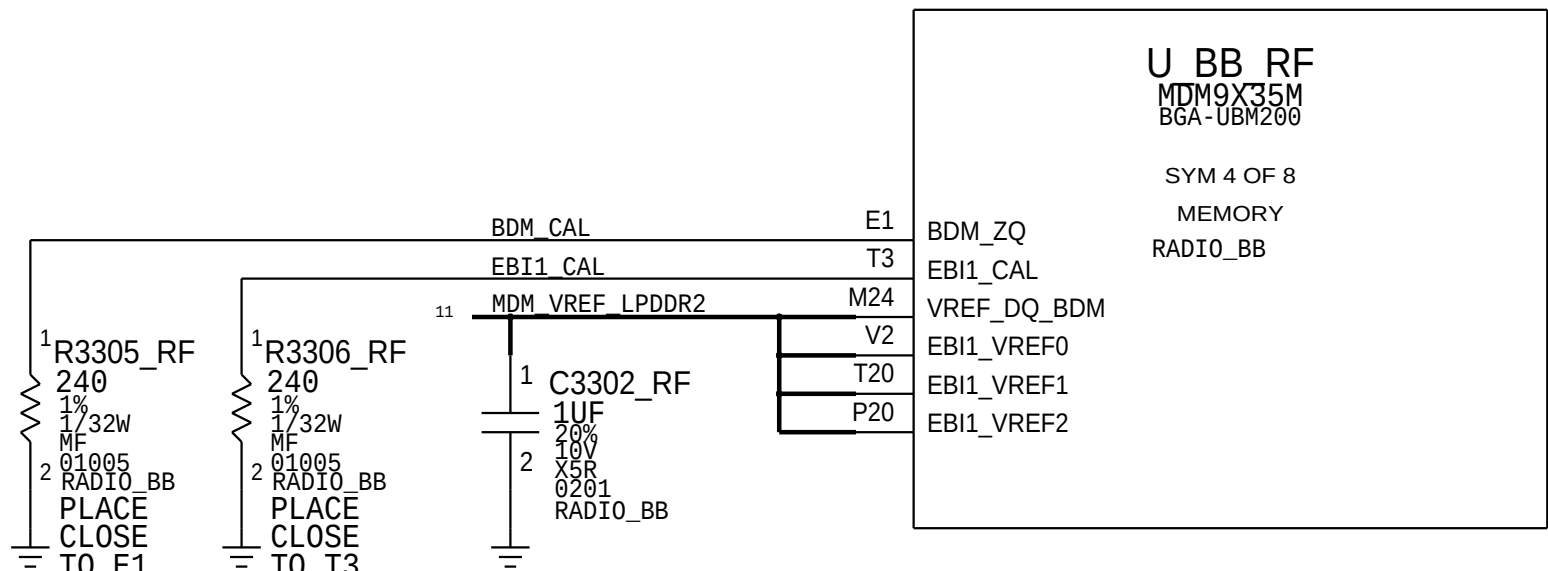
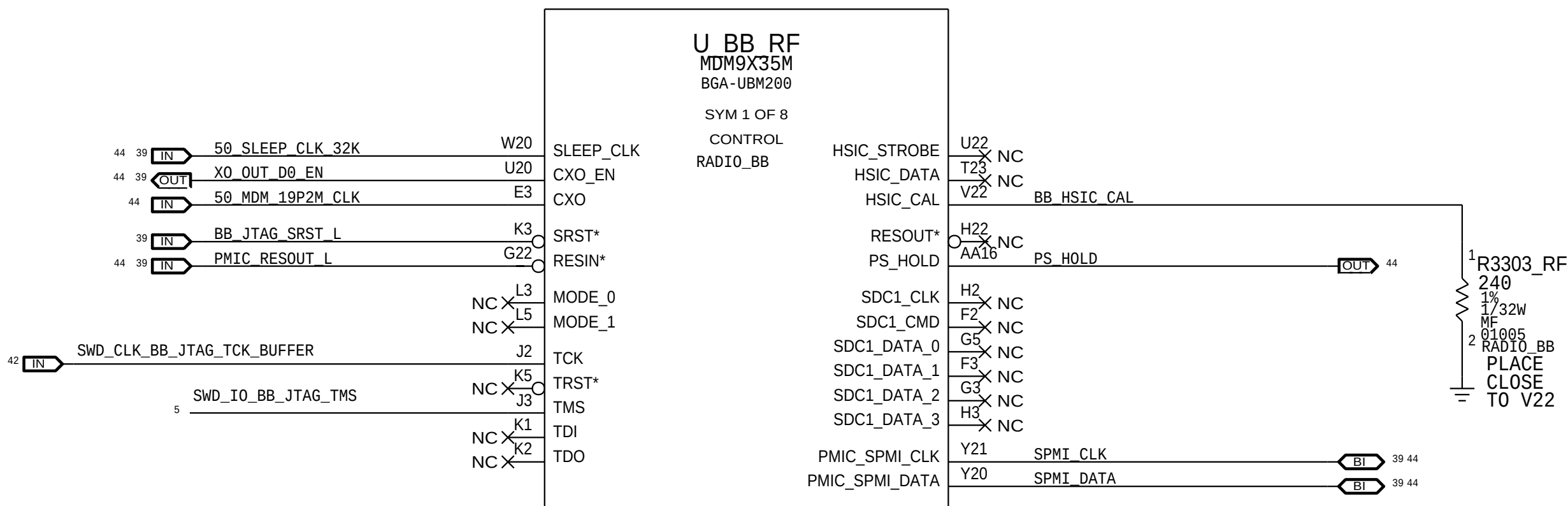
BASEBAND: POWER 1



BASEBAND: POWER 2



BASEBAND: CONTROL AND INTERFACES



D



A

A

D

CB

D



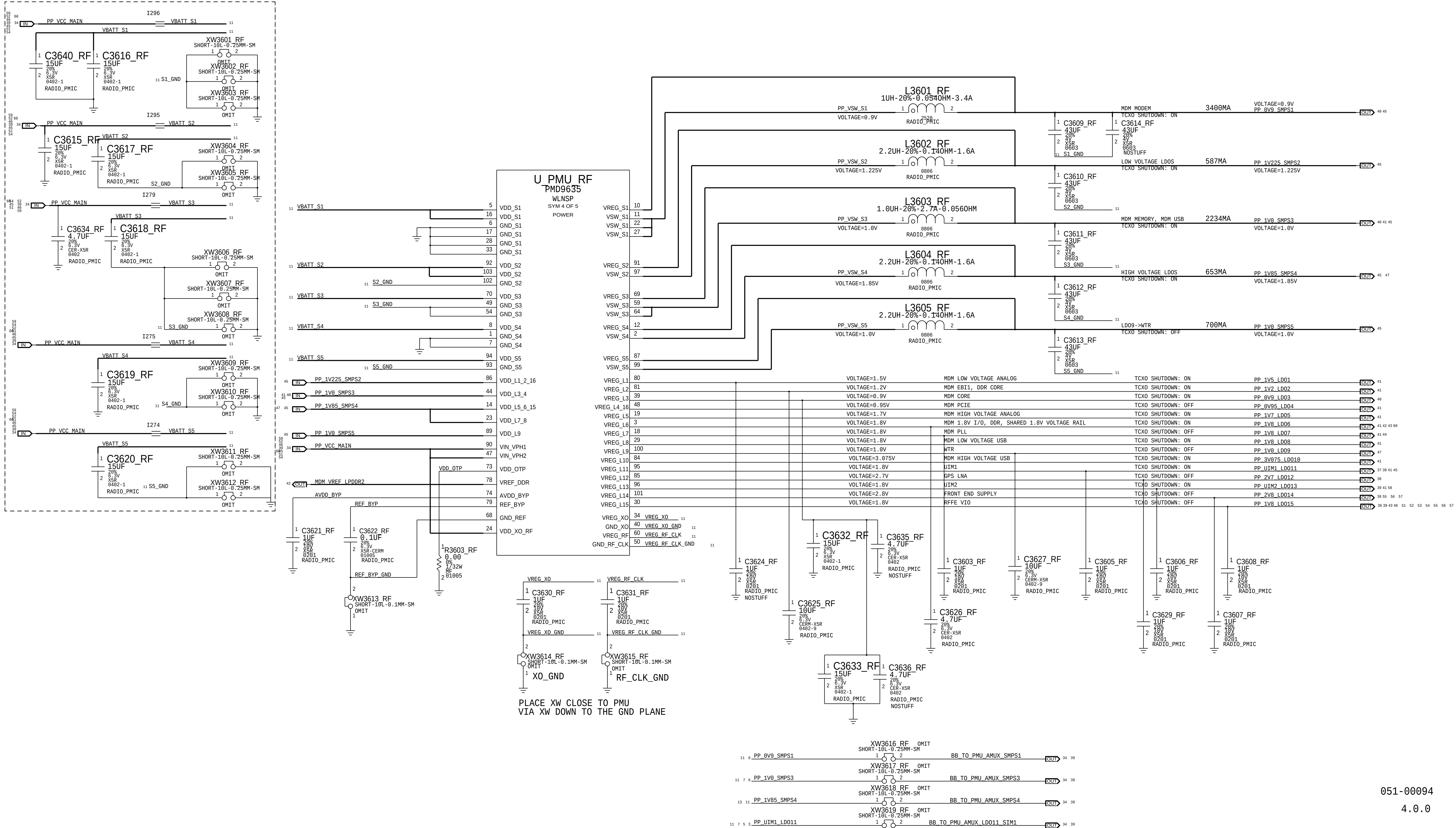
B



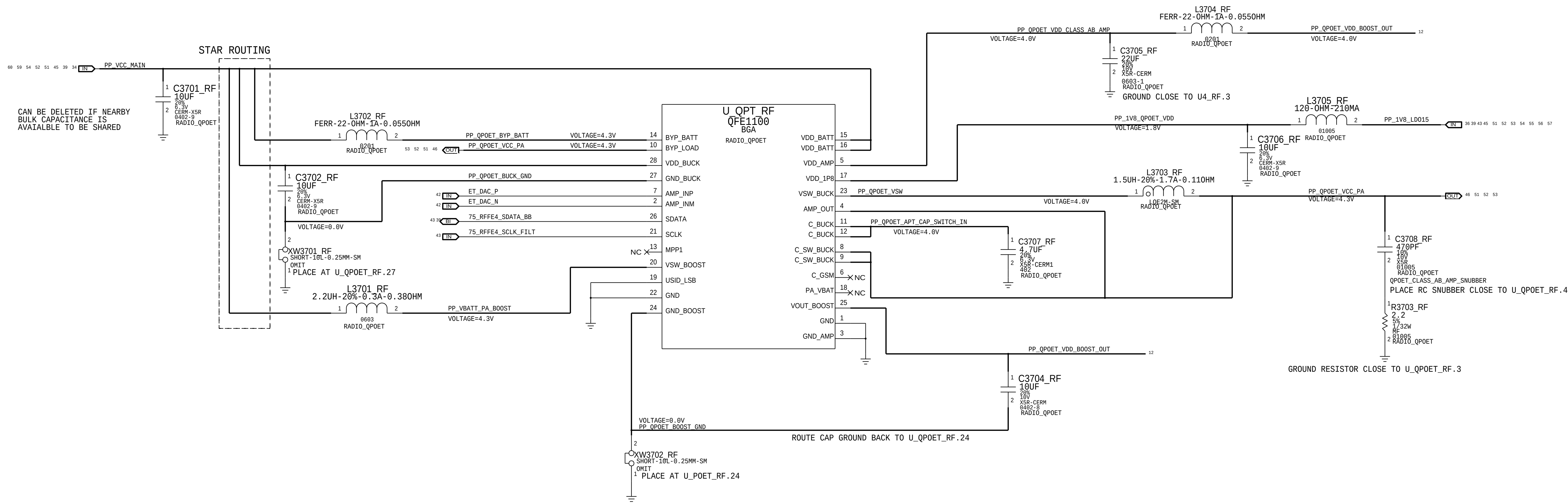
8

PMU: SWITCHERS AND LDOS

SWITCHERS BULK CAPS



PMU: ET MODULATOR



D



C

B

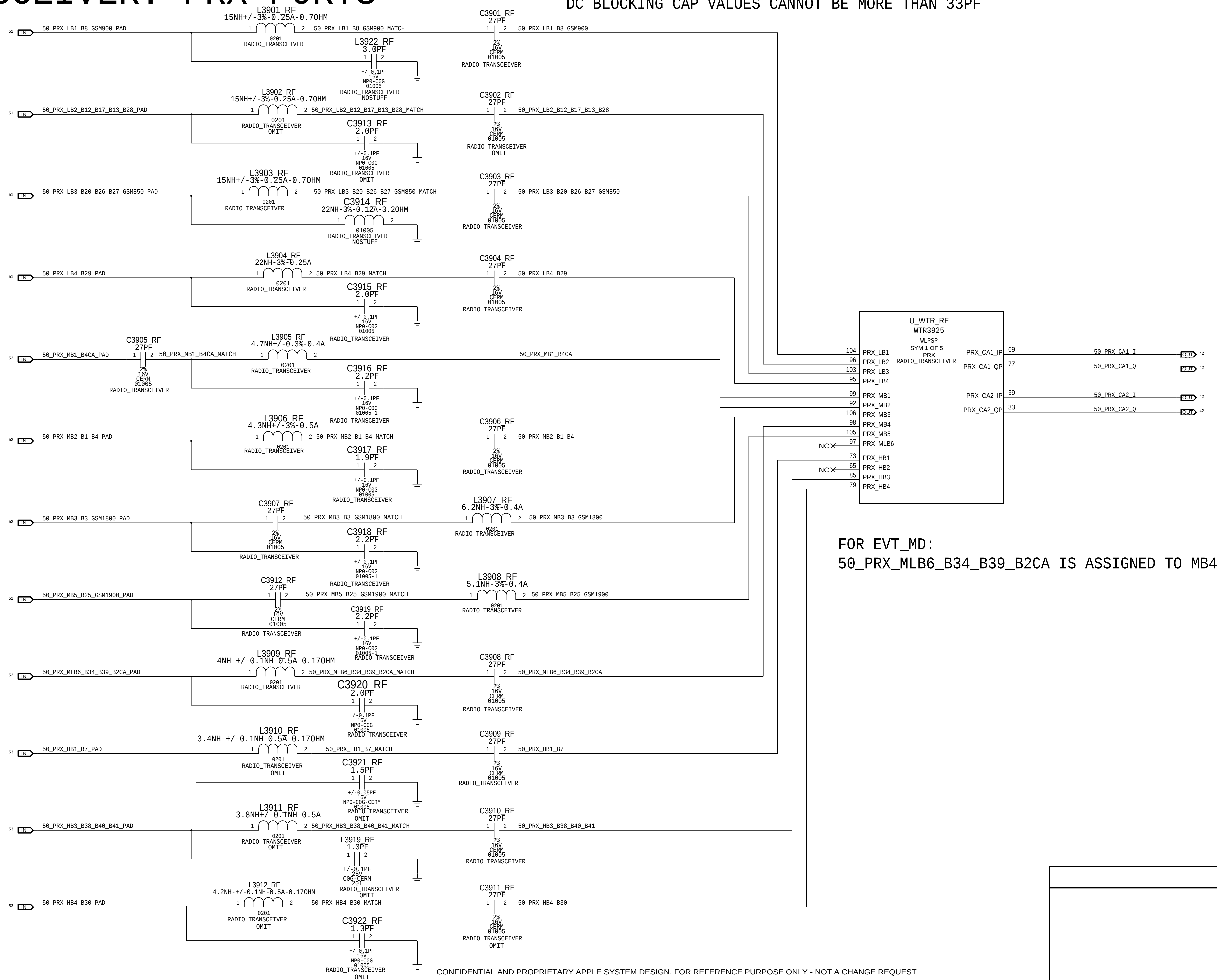
B

A

A

TRANSCIEVER: PRX PORTS

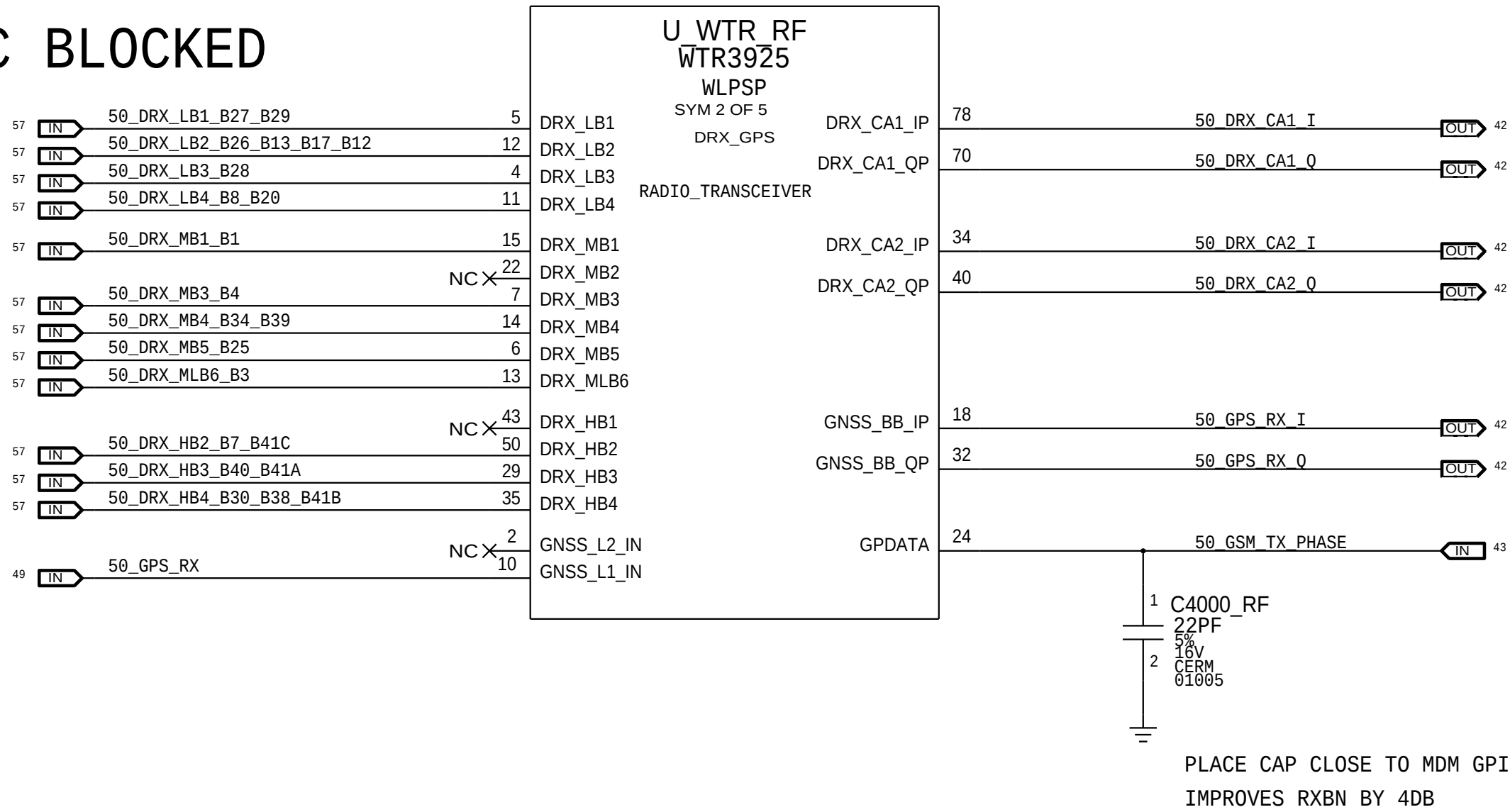
DC BLOCKING CAP VALUES CANNOT BE MORE THAN 33PF



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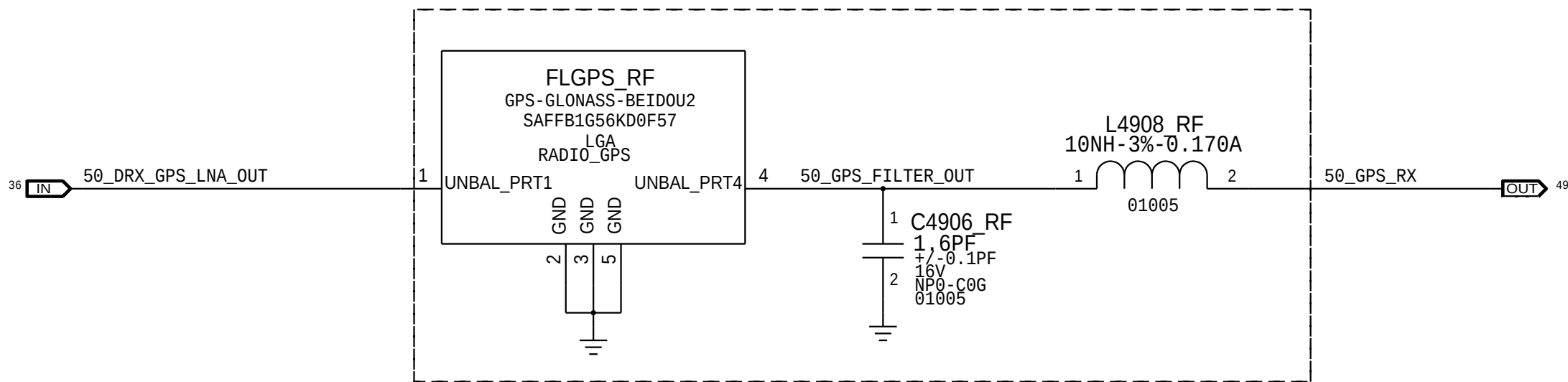
TRANSCEIVER: DRX/GPS PORTS

DRX MODULE PORTS ARE DC BLOCKED

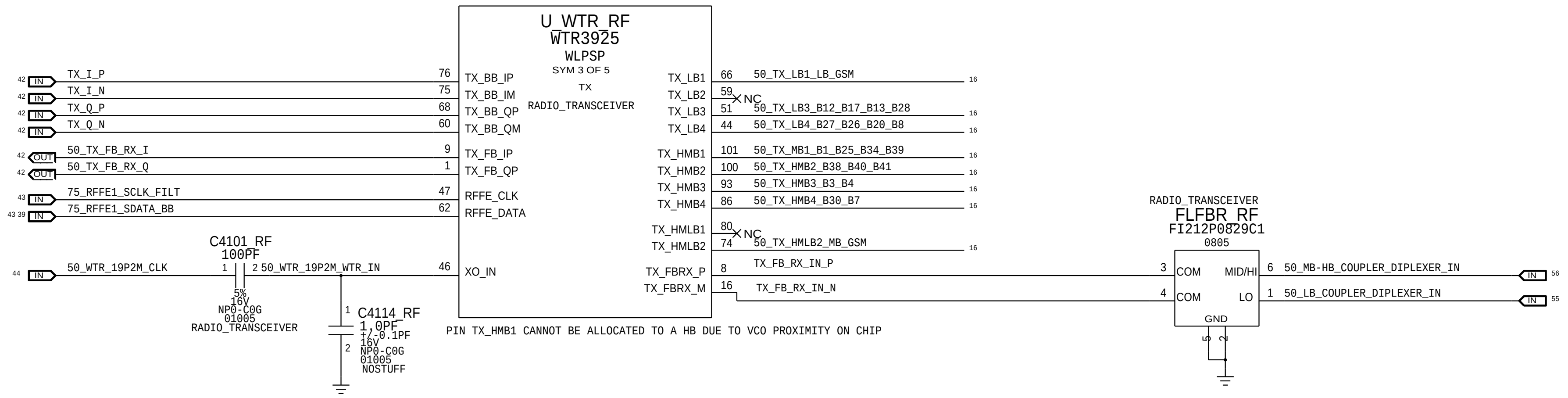


GPS FILTER

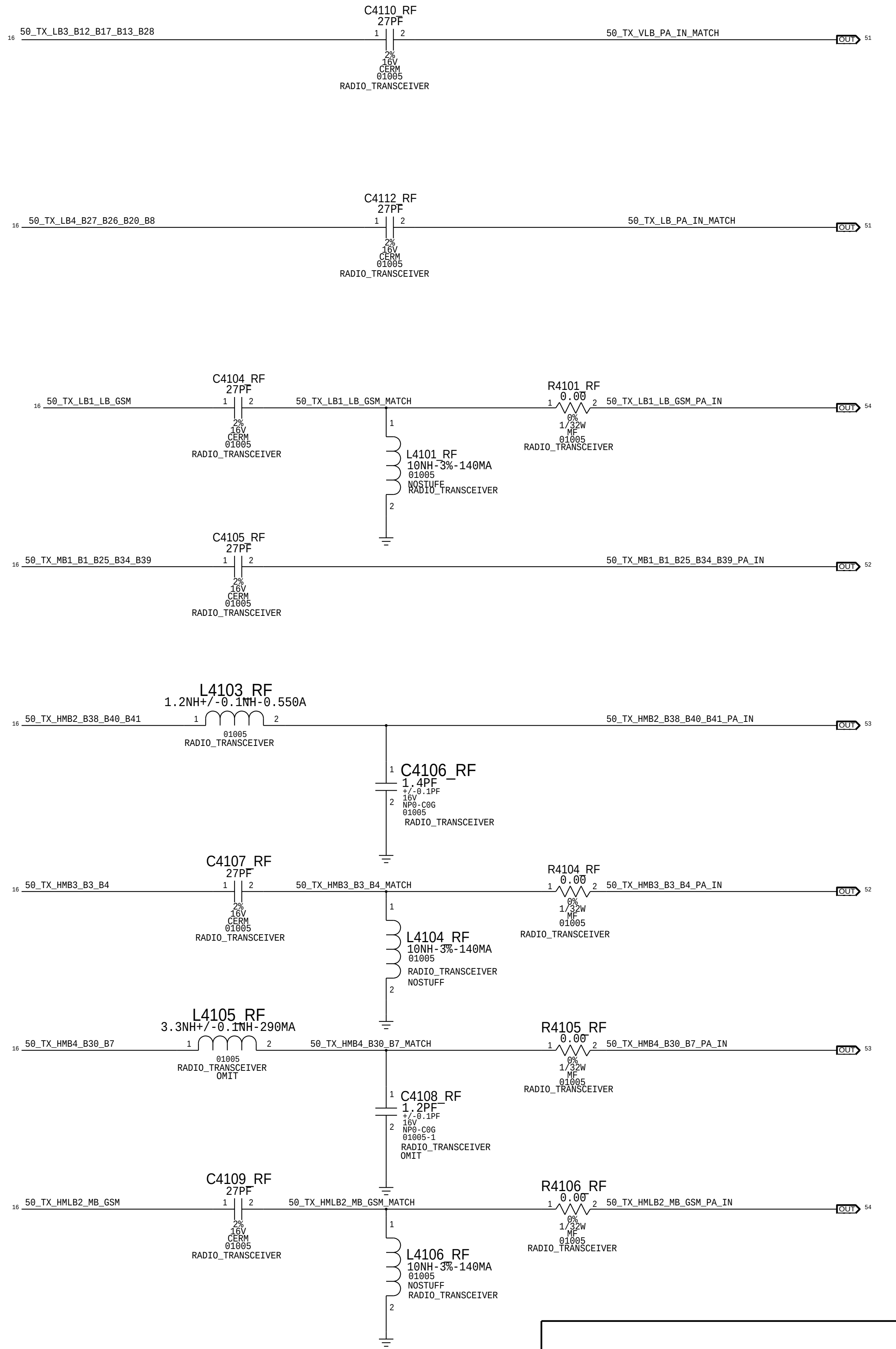
PLACE NEAR U_WTR



TRANSCEIVER: TX PORTS



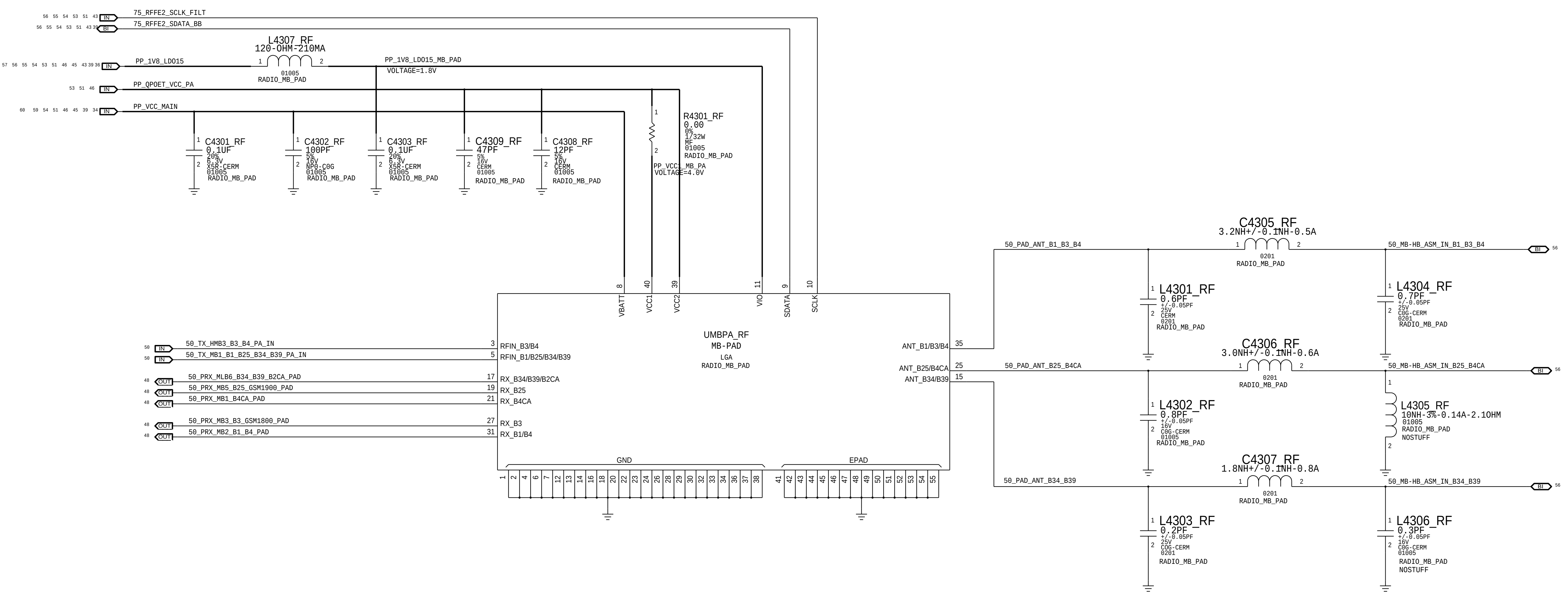
B12/13 TX INTERSTAGE FILTER REMOVED



D



MID BAND PA+DUPLEXERS

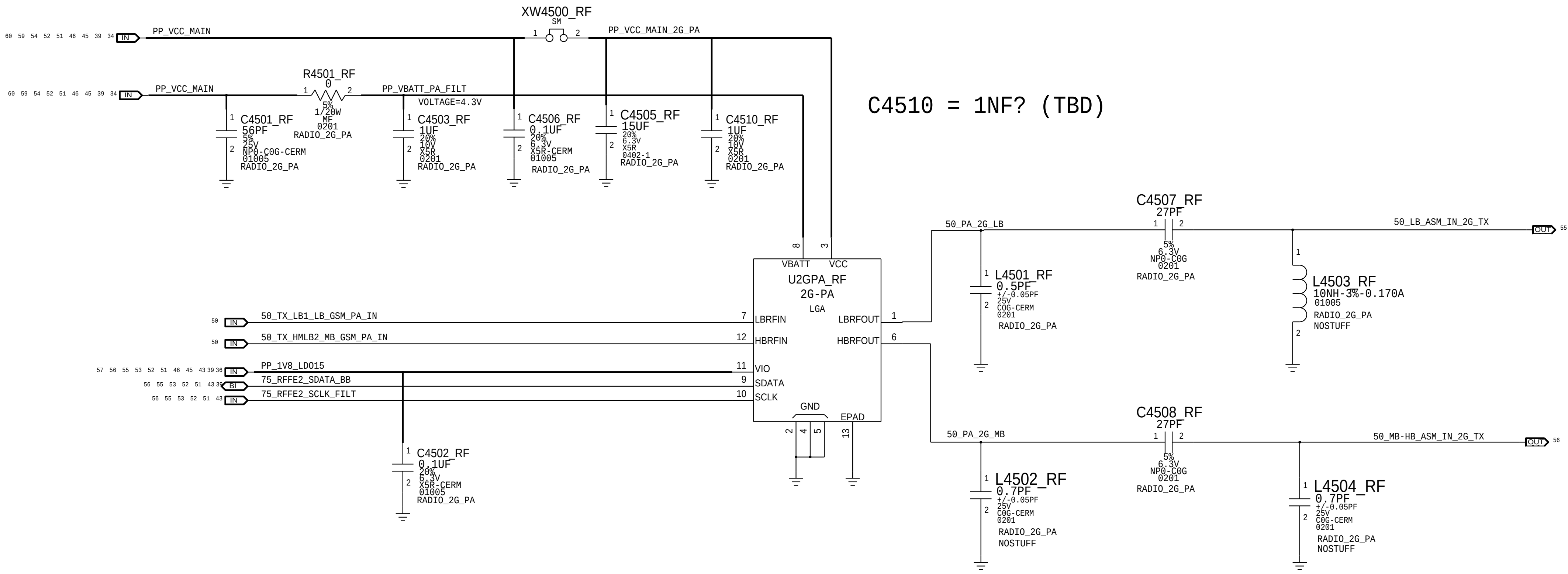


D

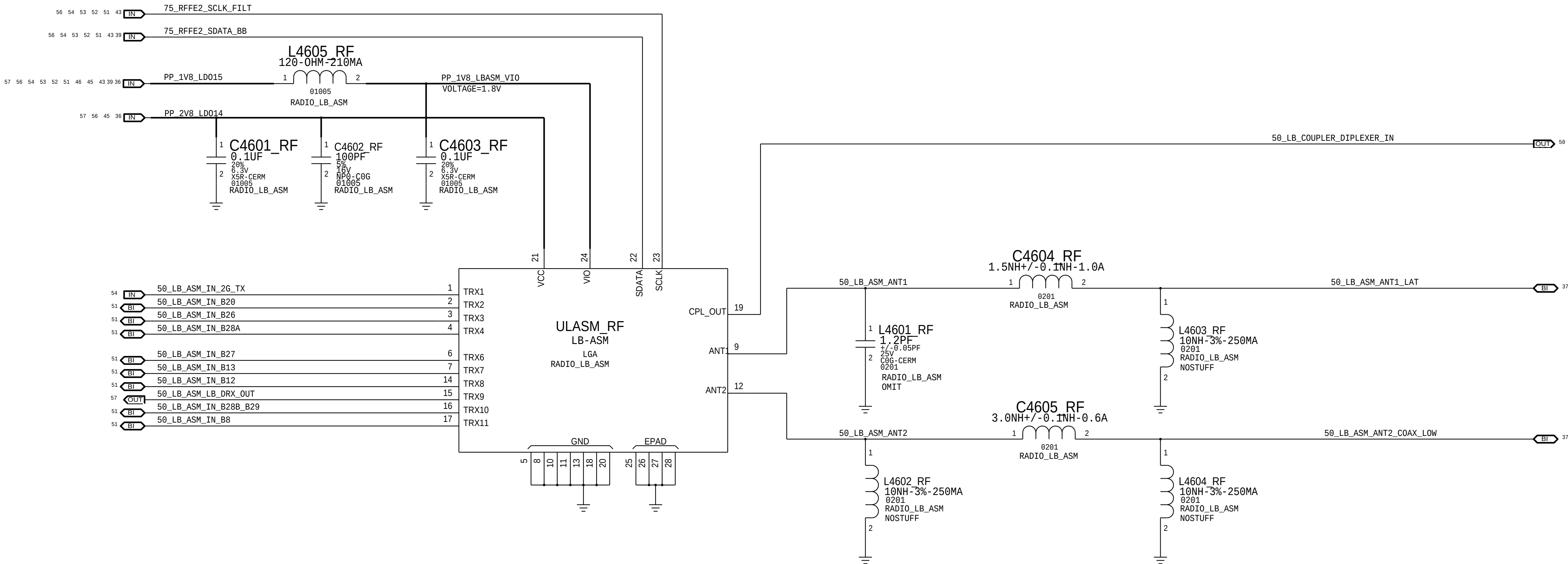


A

2G PA

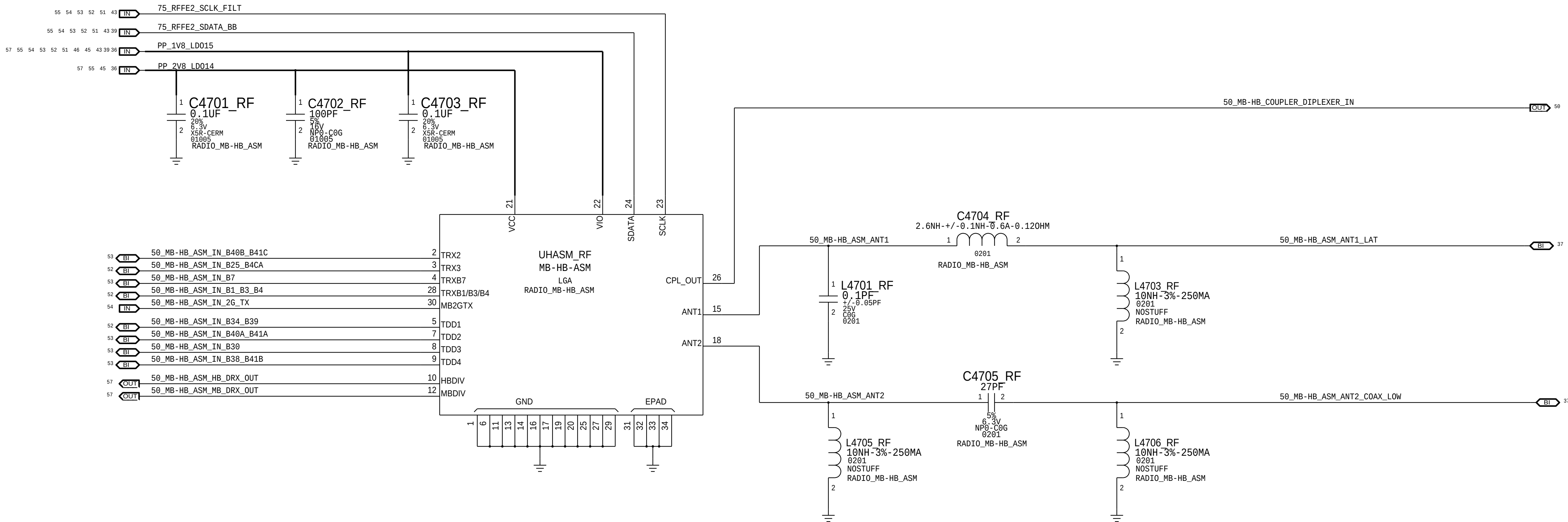


LOW BAND ANTENNA SWITCH MODULE

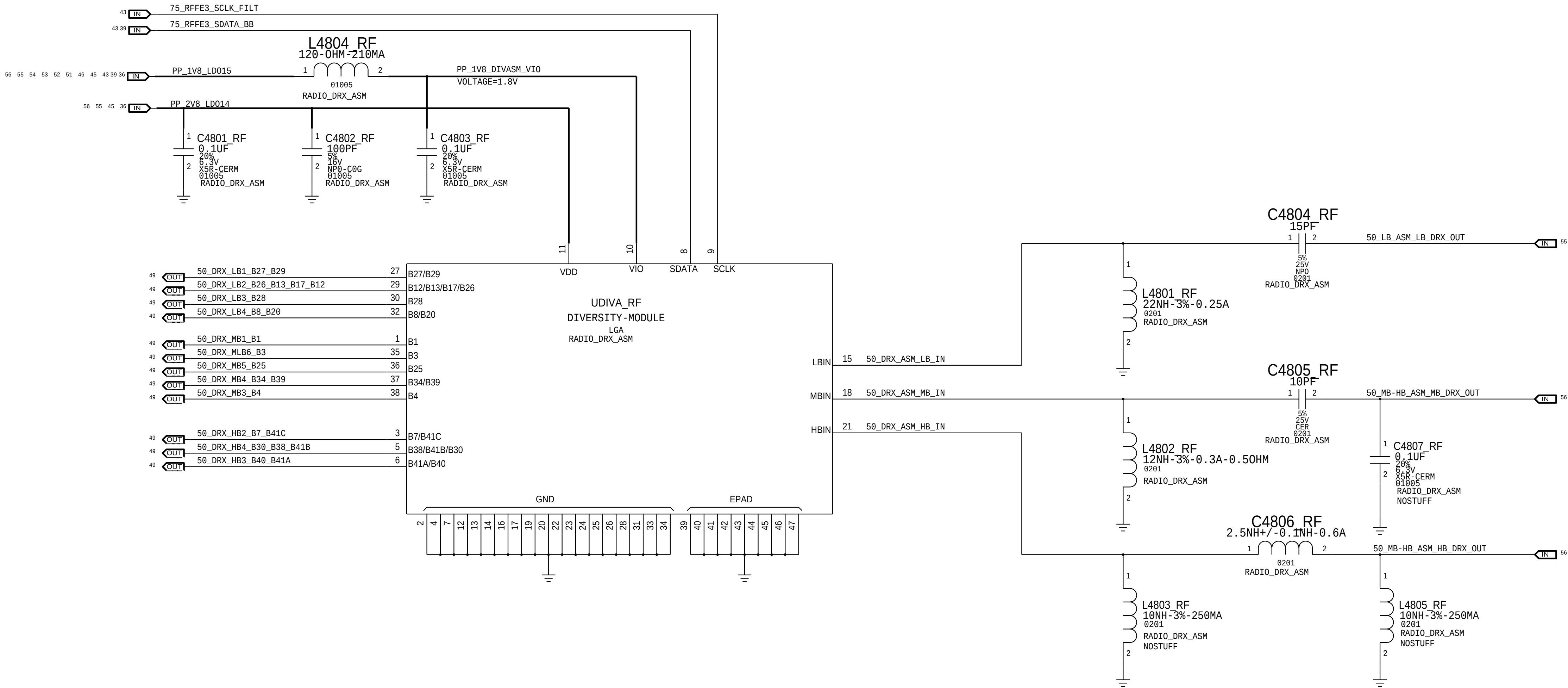


MID-HIGH BAND ANTENNA SWITCH MODULE

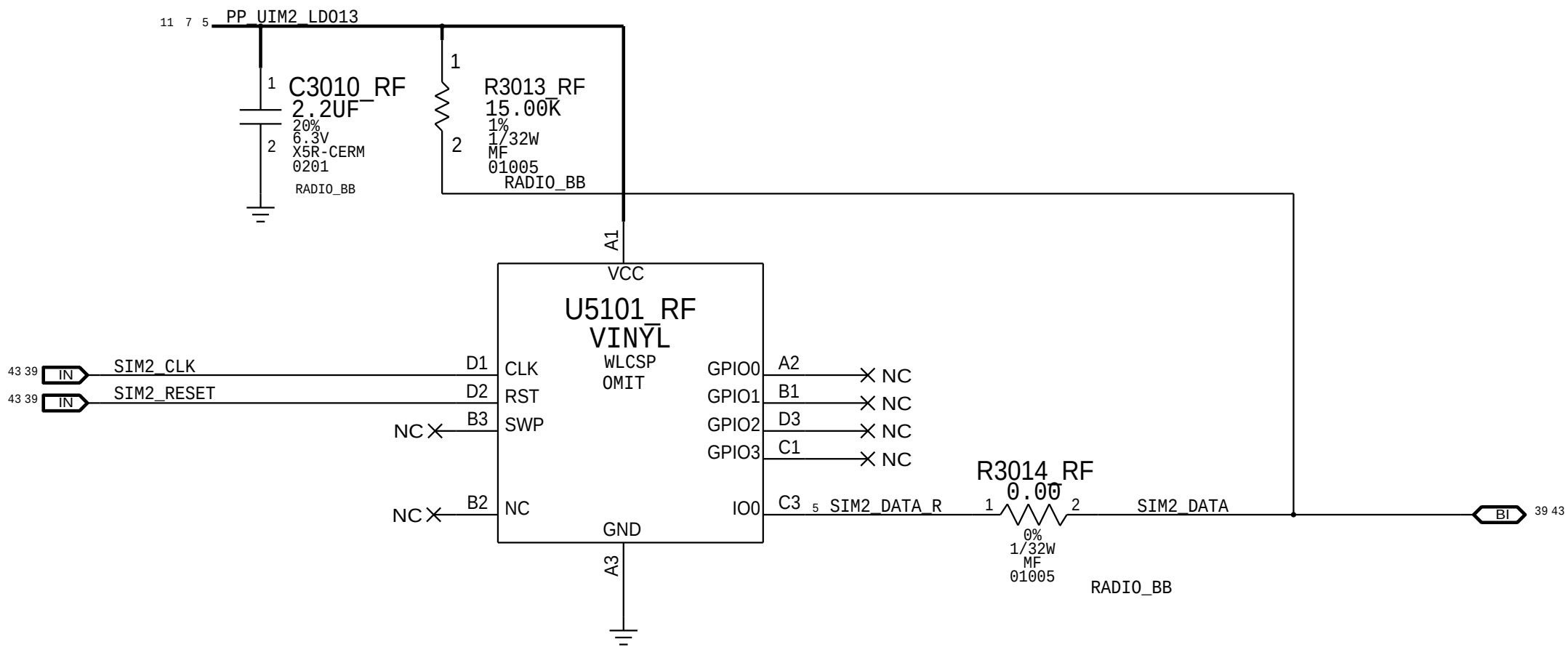
EVT ASM ASSIGNMENT:
B40B/B41C - TRX2
B30 - TDD3



DIVERSITY MODULE



SIM



D



STOCKHOLM

ALL NETNAMES NEED TO BE CHECKED

