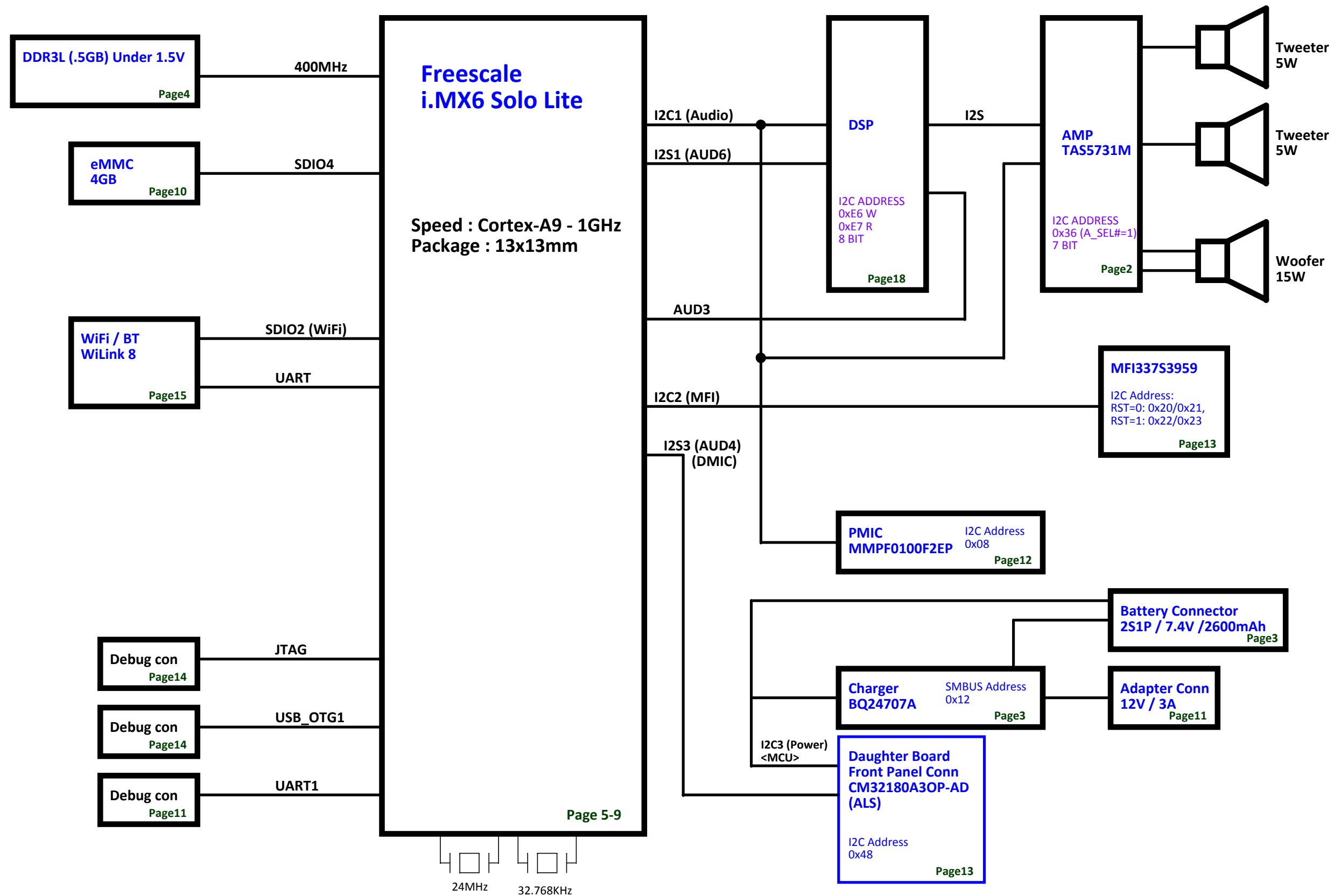


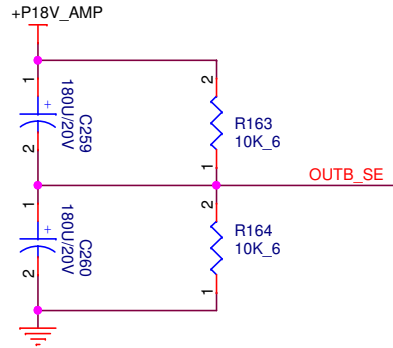
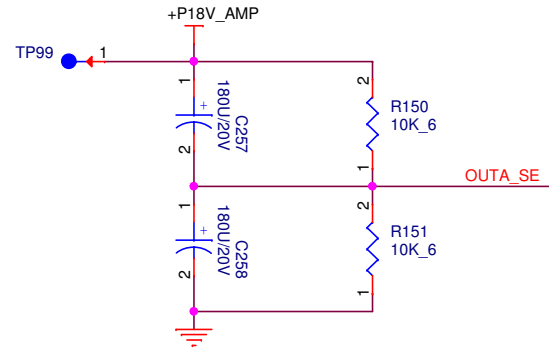
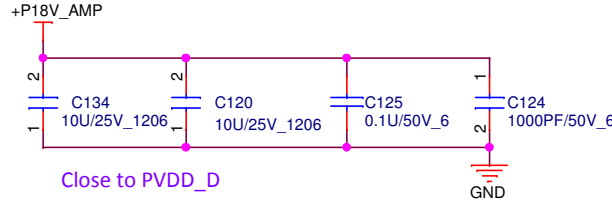
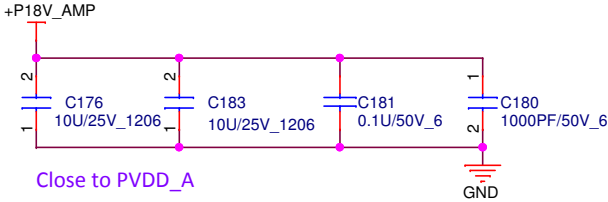
NU1 BLOCK DIAGRAM



TP133 1 IMX6_I2S1_TXFS_R
TP134 1 IMX6_I2S1_TXCLK
TP135 1 IMX6_I2S1_TXD_R
TP136 1 AMP_MCLK

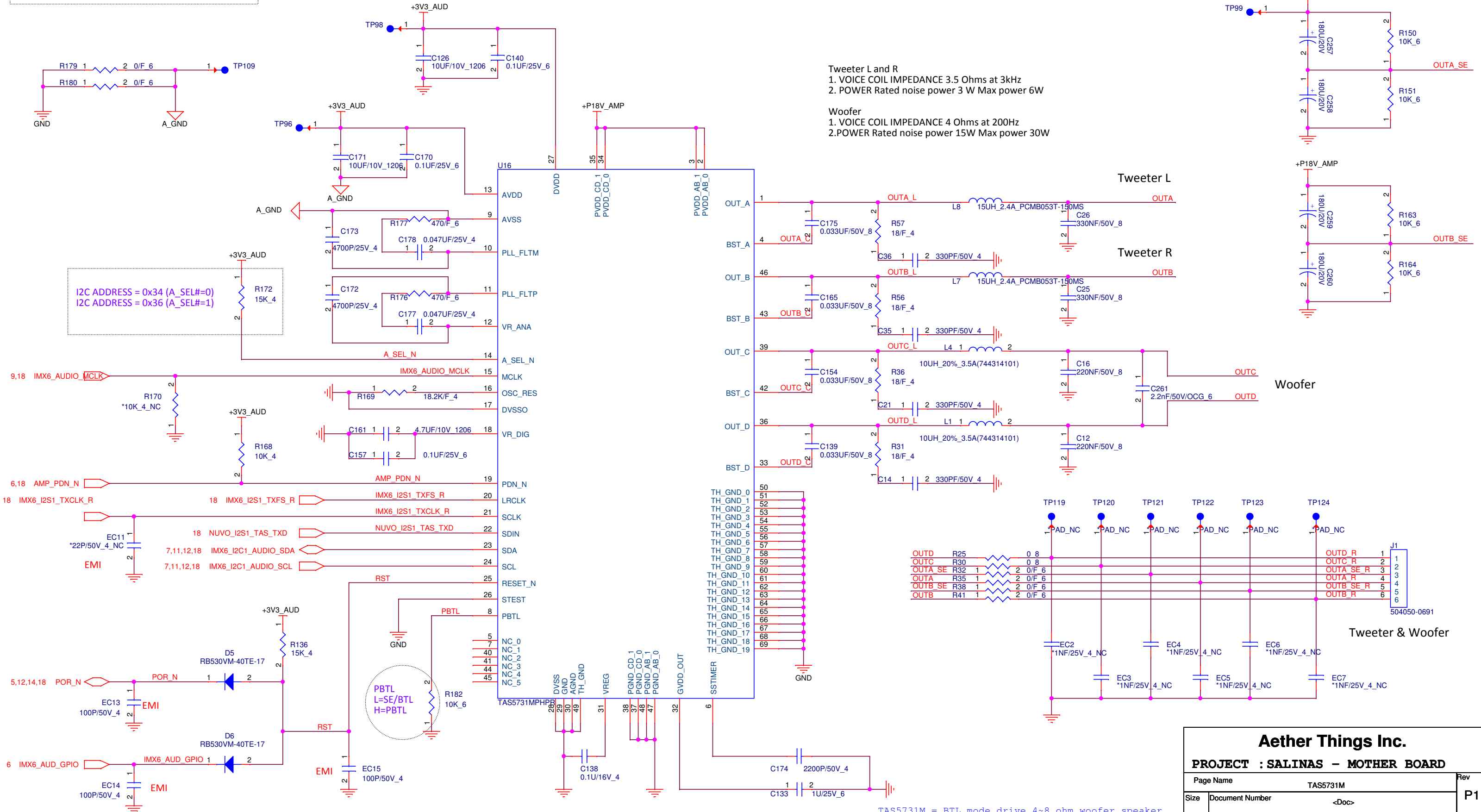
Close to TAS5731PHP. test point should go between resistor and TAS5731

TP should be bigger. Also, where possible, please place via underneath for easier rework



Tweeter L and R
1. VOICE COIL IMPEDANCE 3.5 Ohms at 3kHz
2. POWER Rated noise power 3 W Max power 6W

Woofer
1. VOICE COIL IMPEDANCE 4 Ohms at 200Hz
2. POWER Rated noise power 15W Max power 30W



OUTD	R25	0.8
OUTC	R30	0.8
OUTA_SE	R32	2 0/F 6
OUTA	R35	2 0/F 6
OUTB_SE	R38	2 0/F 6
OUTB	R41	2 0/F 6

J1	1
1	1
2	2
3	3
4	4
5	5
6	6

504050-0691

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Page Name TAS5731M

Size Document Number

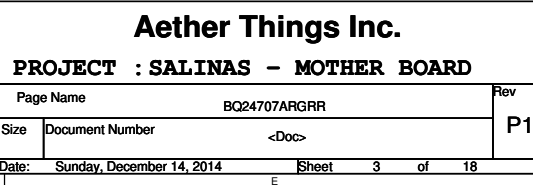
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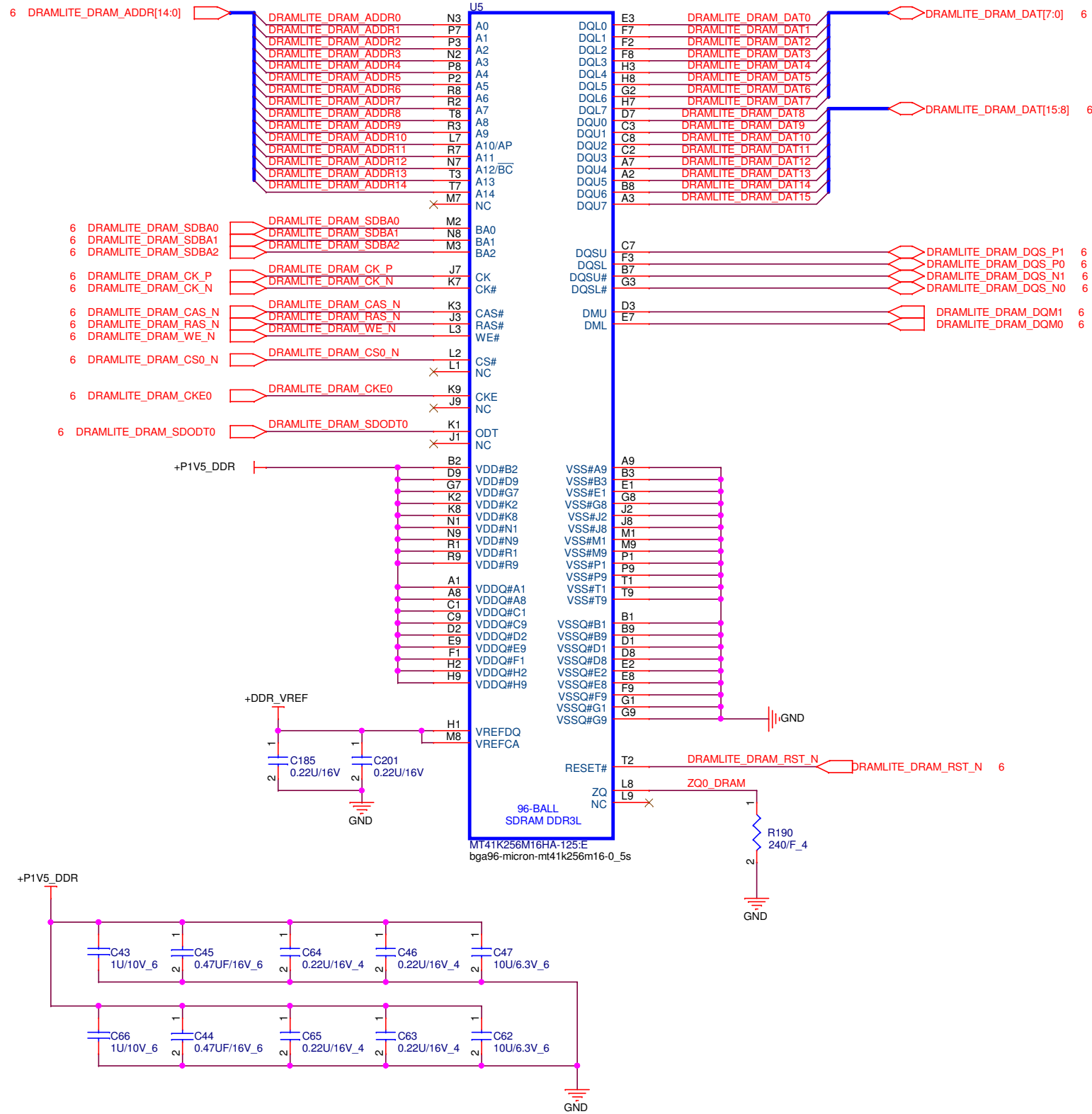
Date: Monday, December 15, 2014

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Rev P1

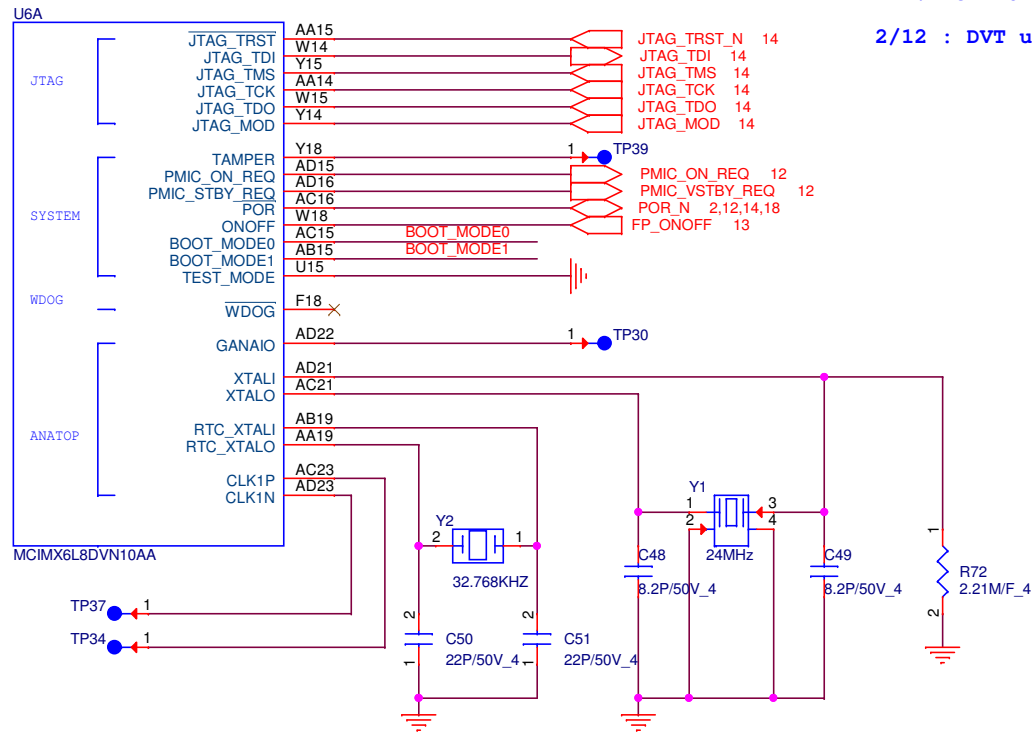
TAS5731M = BTL mode drive 4~8 ohm woofer speaker



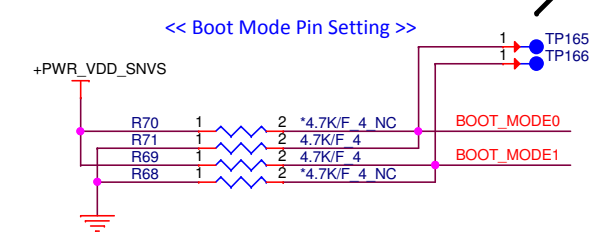
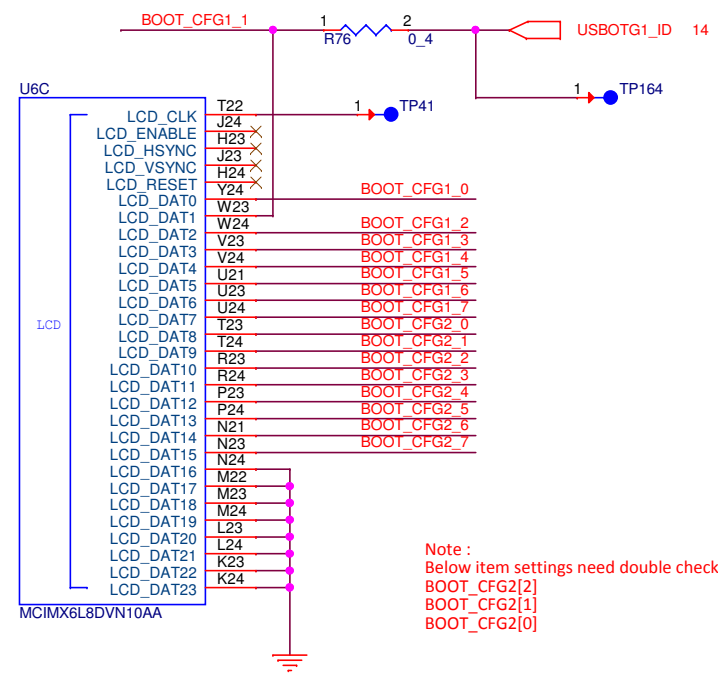


Note: SoC PN
Pre-DVT: MCIMX6L3DVN10AB
DVT: MCIMX6L2DVN10AB (W/O GPU)

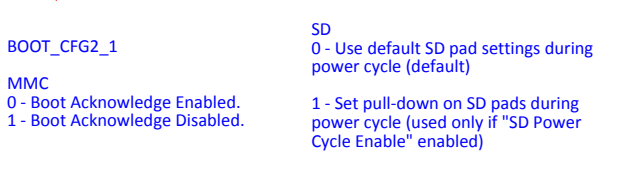
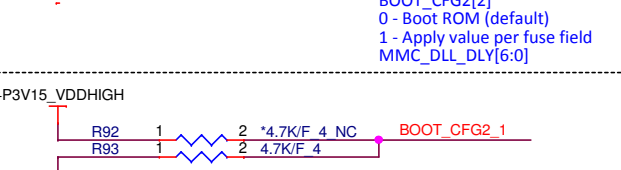
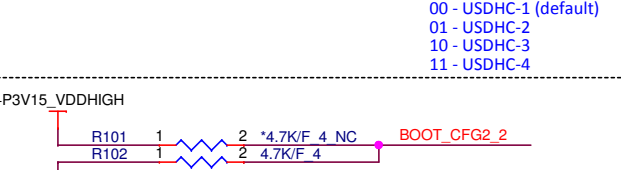
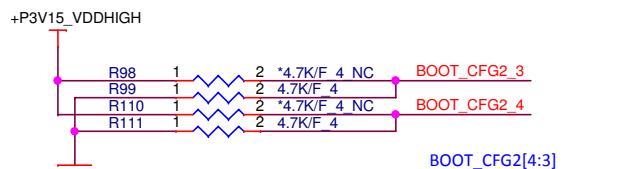
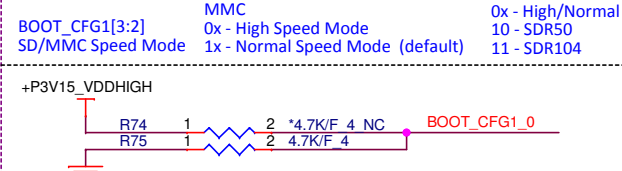
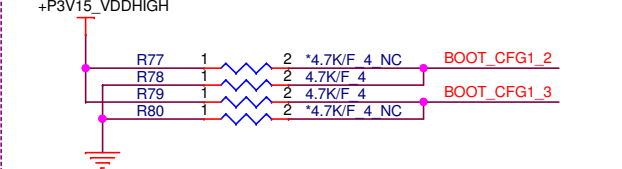
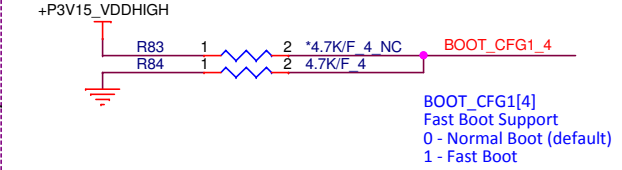
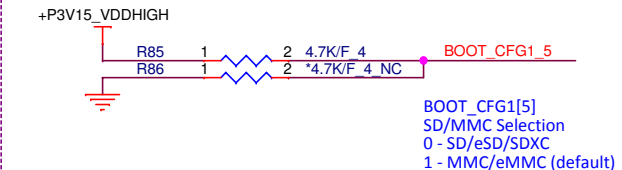
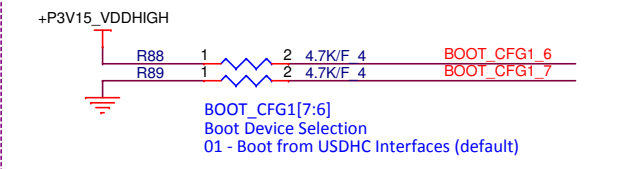
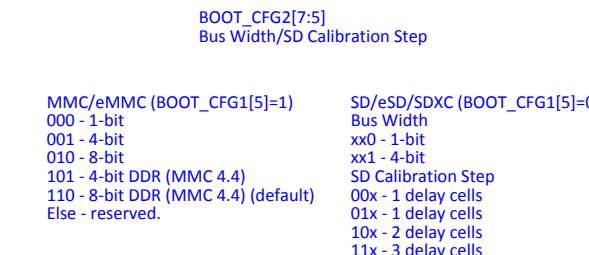
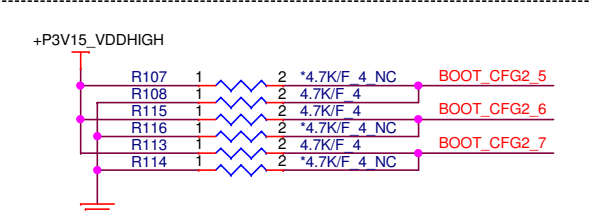
2/12 : DVT use MCIMX6L3DVN10AB



NOTE:
IN LAYOUT MAKE THESE
TESTPOINT WITH LARGER PADS



Boot Mode [1:0]	BOOT type
00	Boot From Fuses
01	Serial Download
10 (default)	Internal Boot
11	Reserved



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PROJECT : SALINAS - MOTHER BOARD

Page NameIMX6 (CTRL)

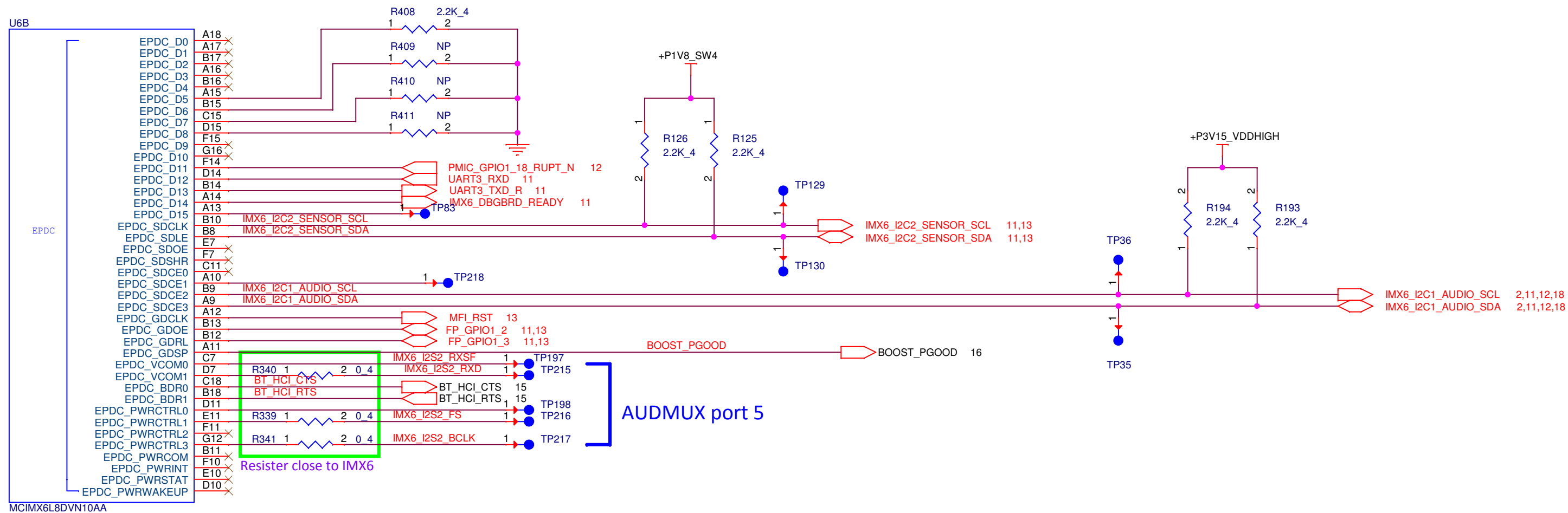
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Rev

P1



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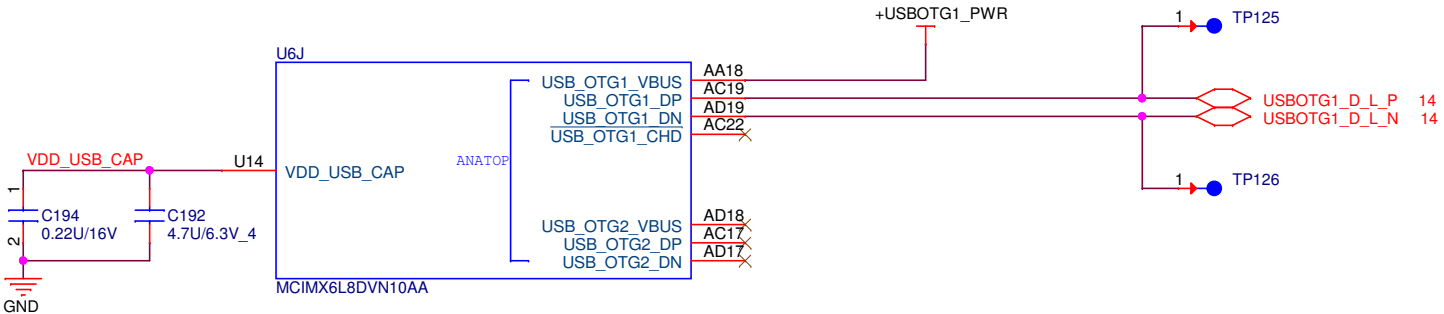
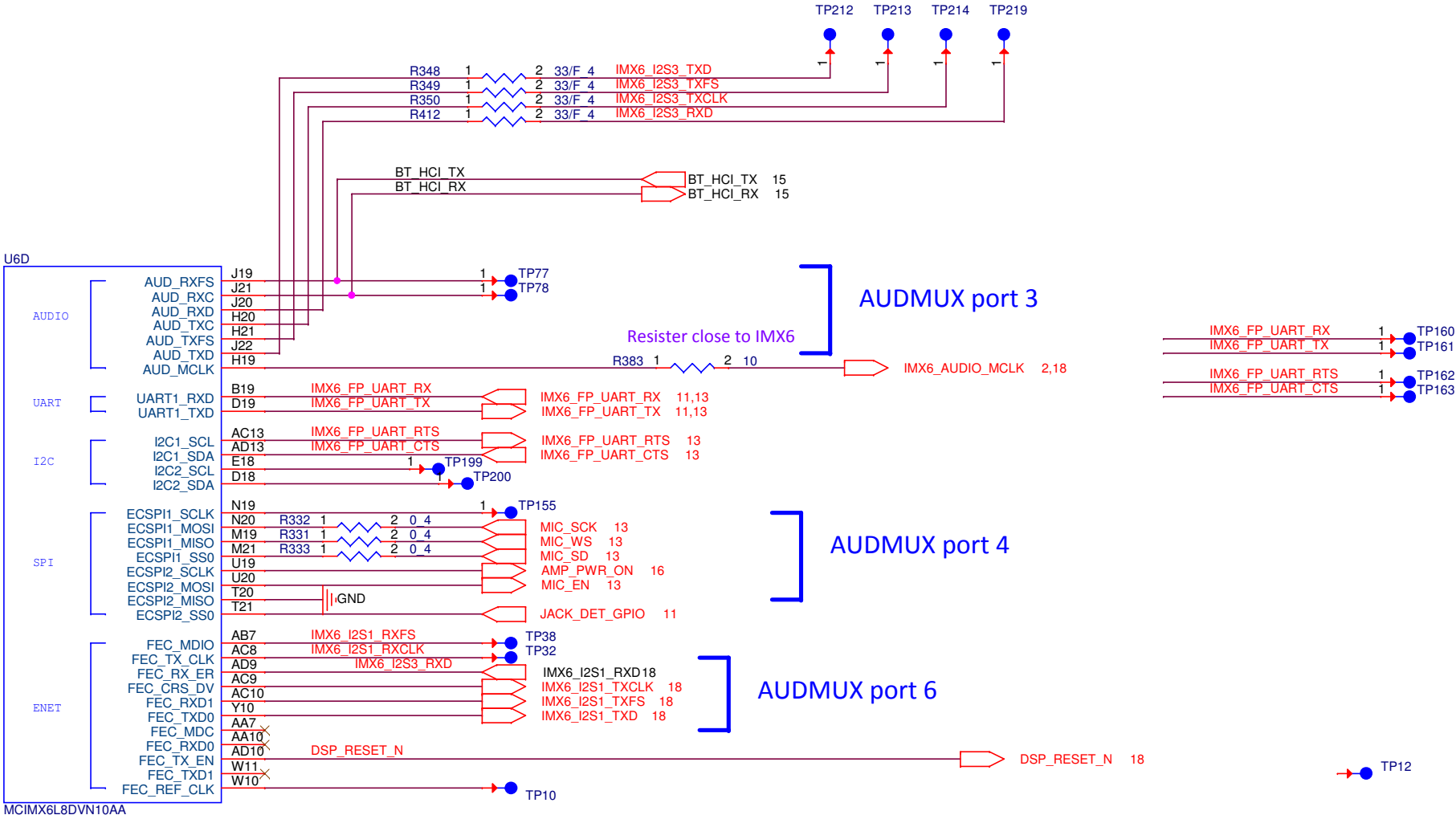
PROJECT : SALINAS - MOTHER BOARD

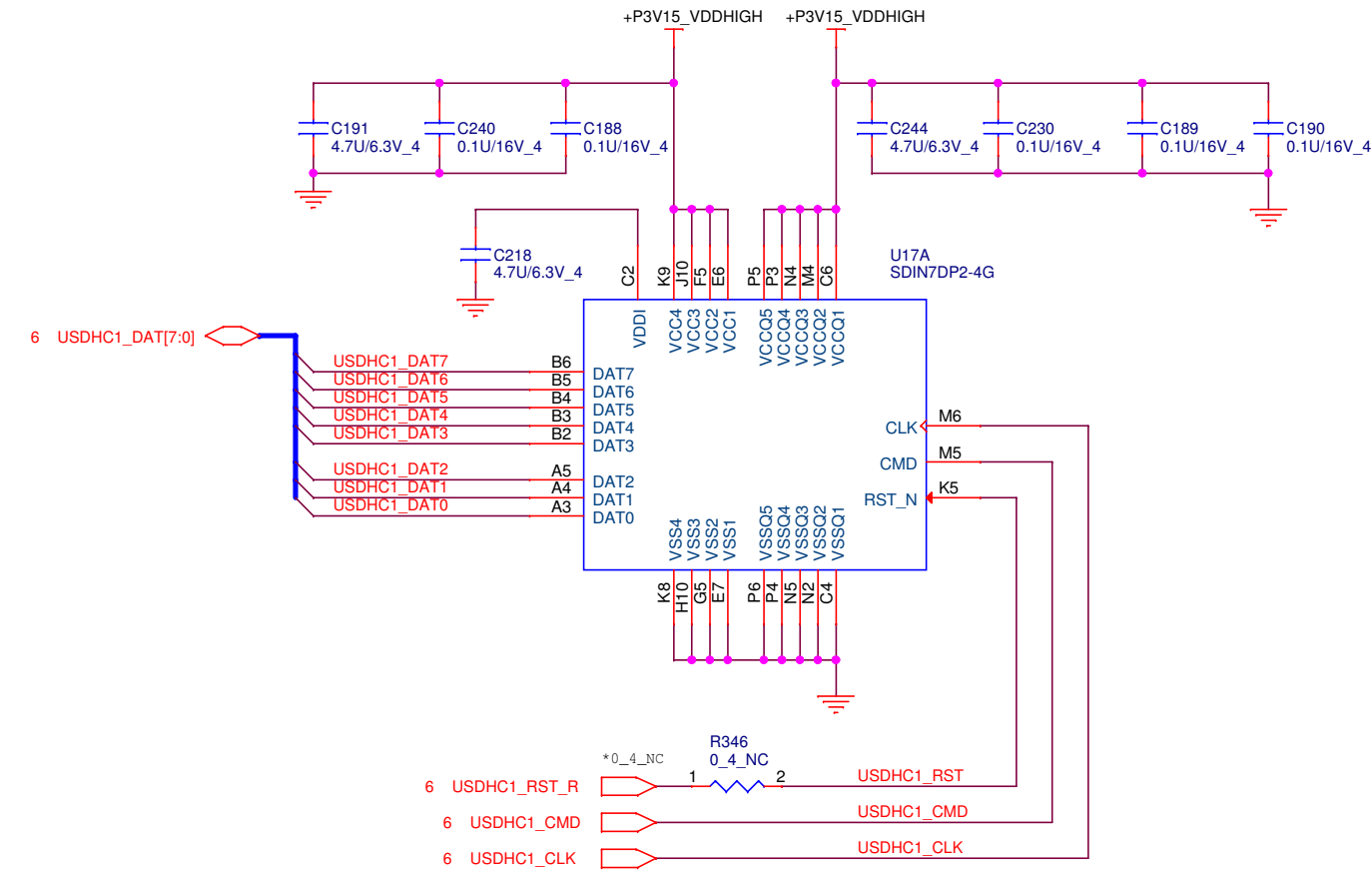
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Size	Document Number	<Doc>	

Date: Saturday, December 13, 2014 Sheet 7 of 18

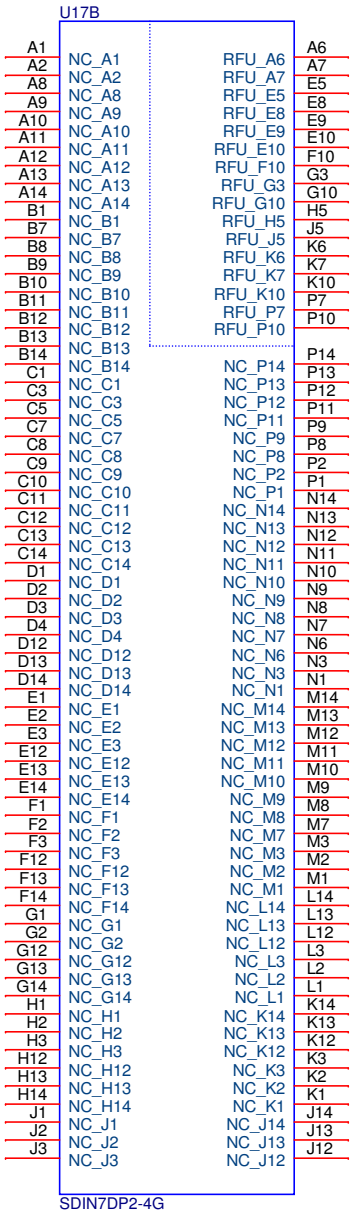
Note: R348,R349,R350 place close to IMX6

LOCATE ALL TPs ON PRIMARY SIDE

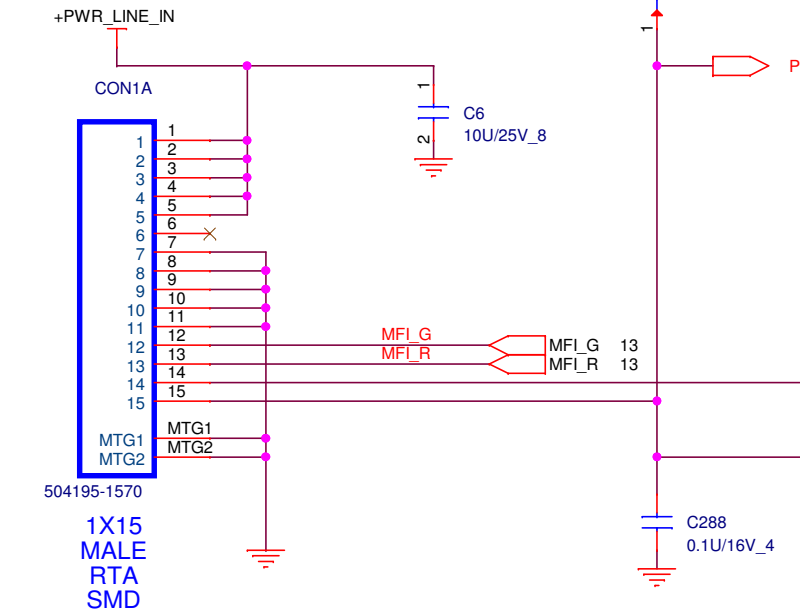




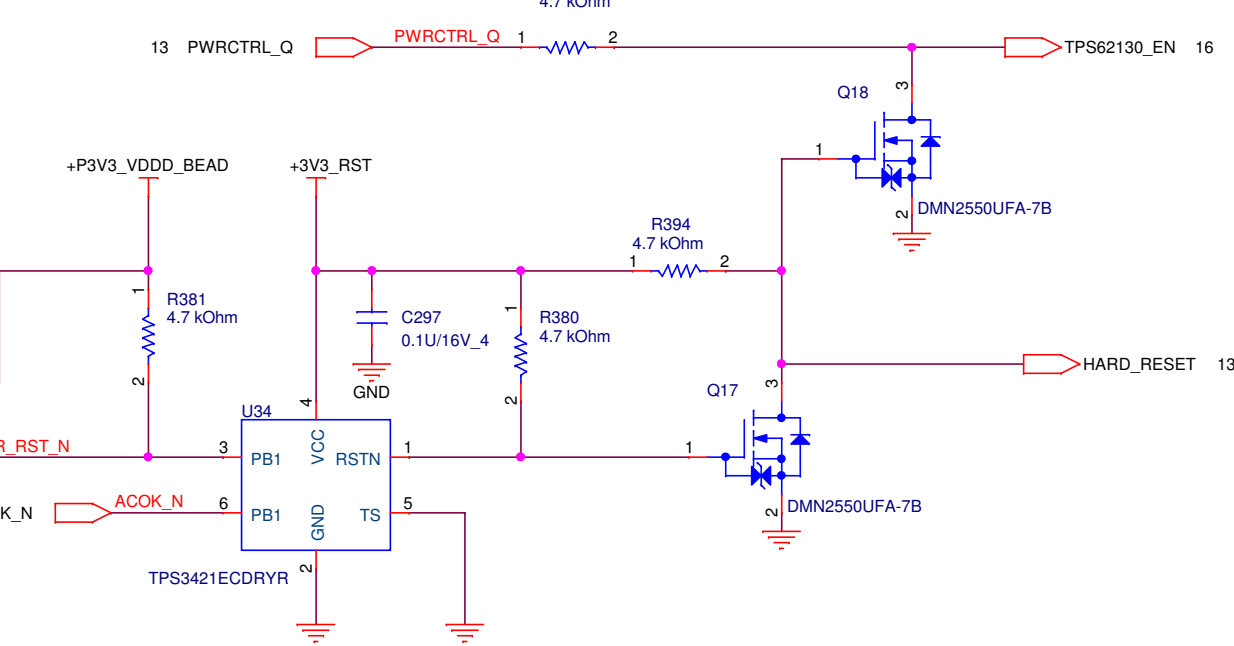
4G	SDC	AKE3PFPT100	IC FLASH (153P) SDIN7DP2-4G (TFBGA)
8G	TOS	AKE3SZPT004	IC FLASH (153P) THGBM5G6A2JBAIR (BGA)
	SDC	AKE3QFPT100	IC FLASH (153P) SDIN7DP2-8G (TFBGA)



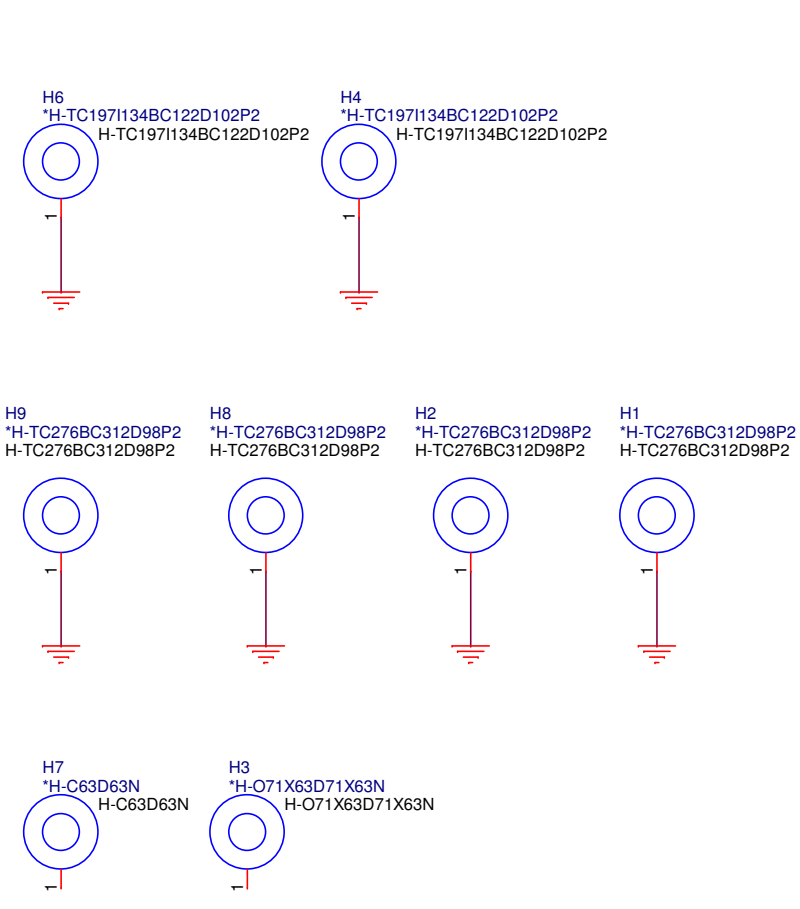
To Power Board



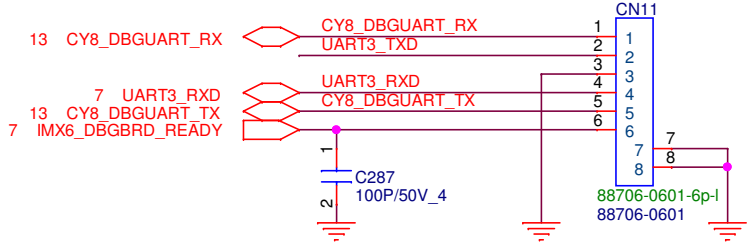
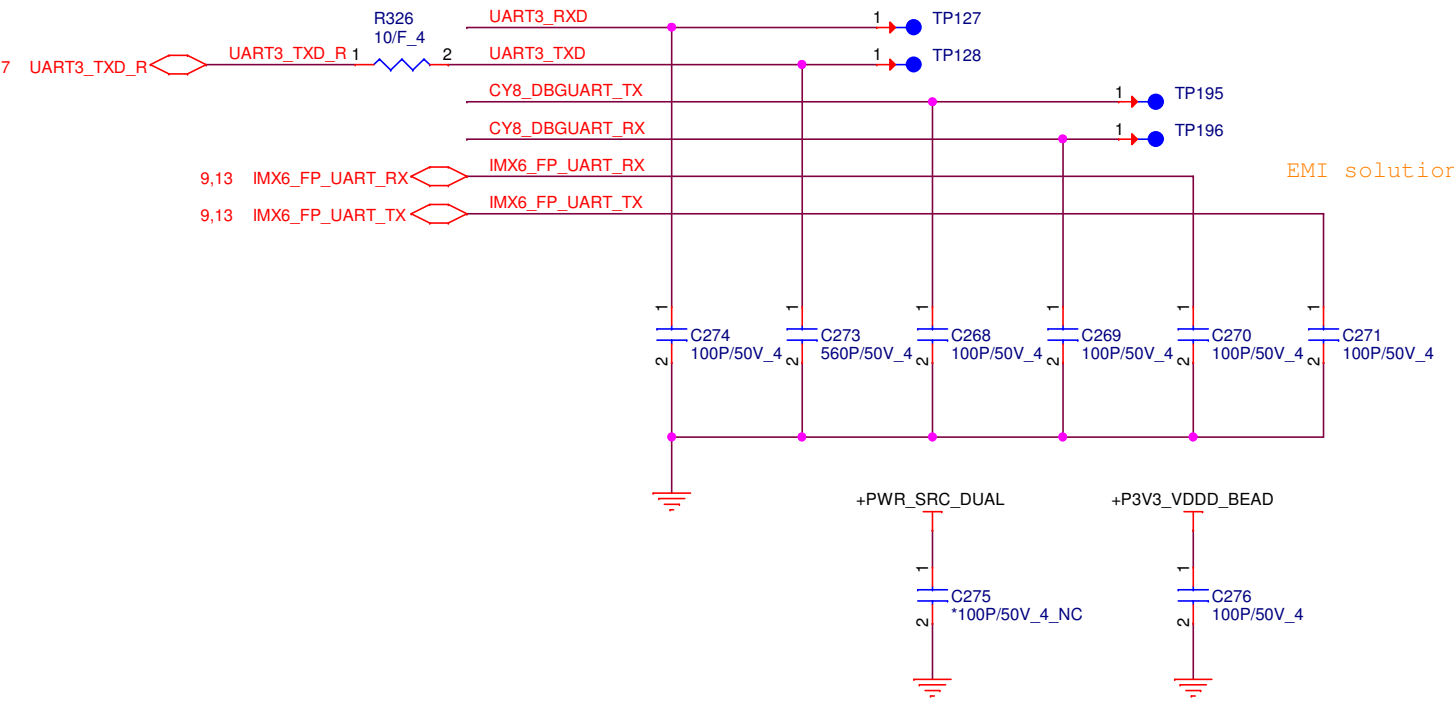
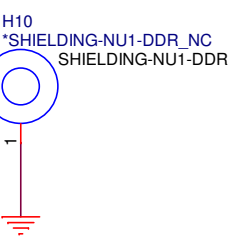
HARD RESET



SCREW HOLE



CPU shielding



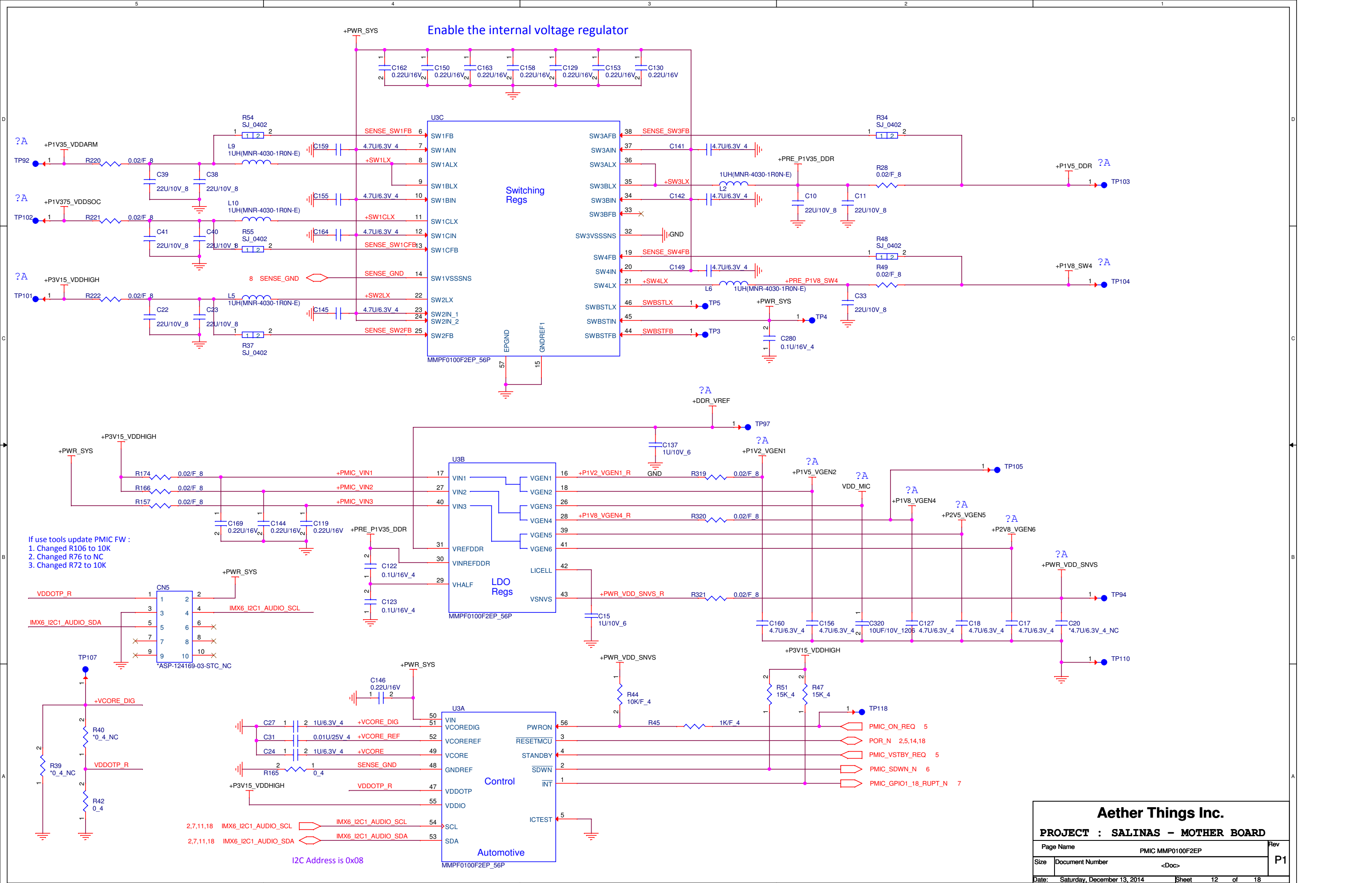
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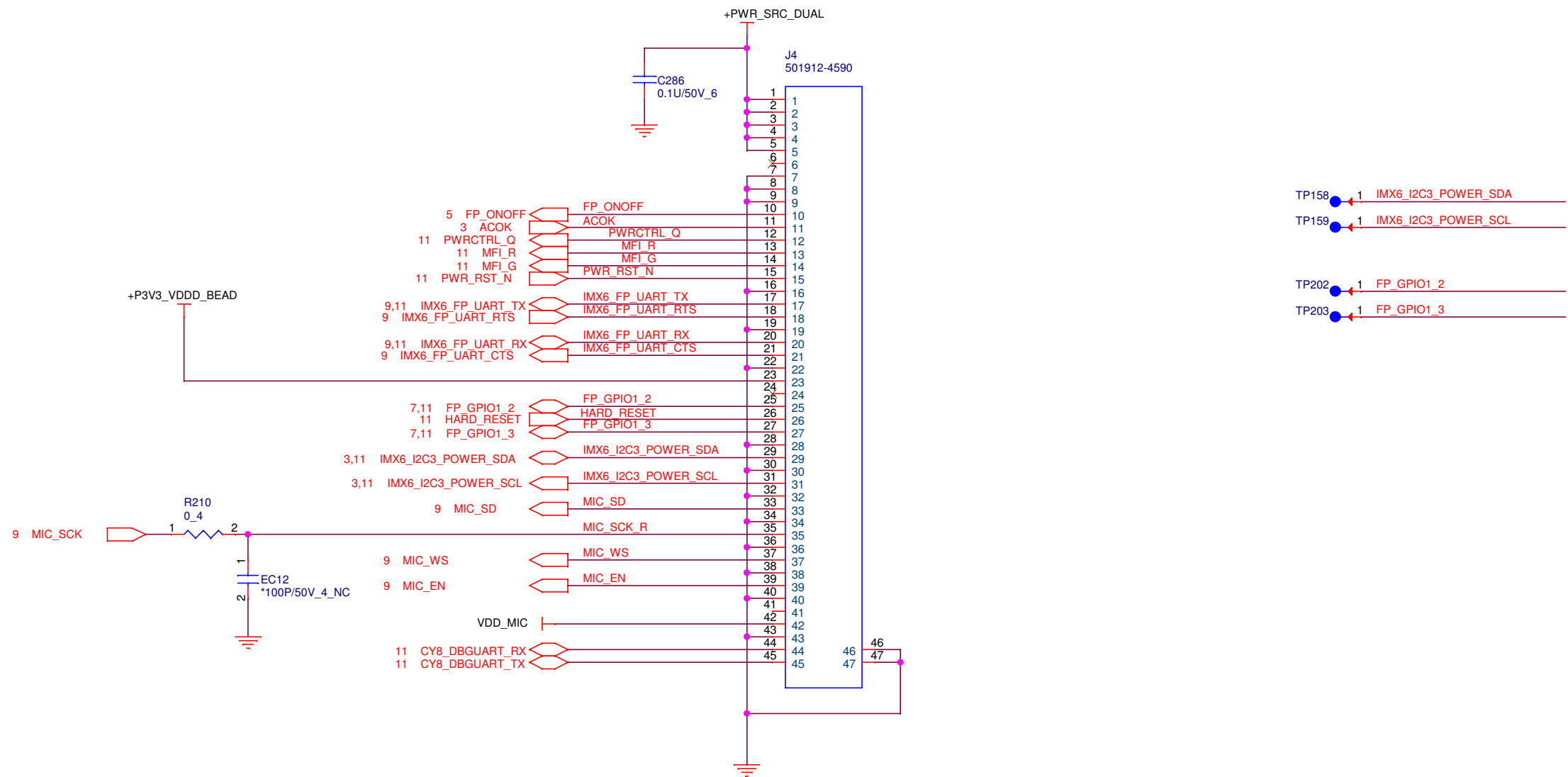
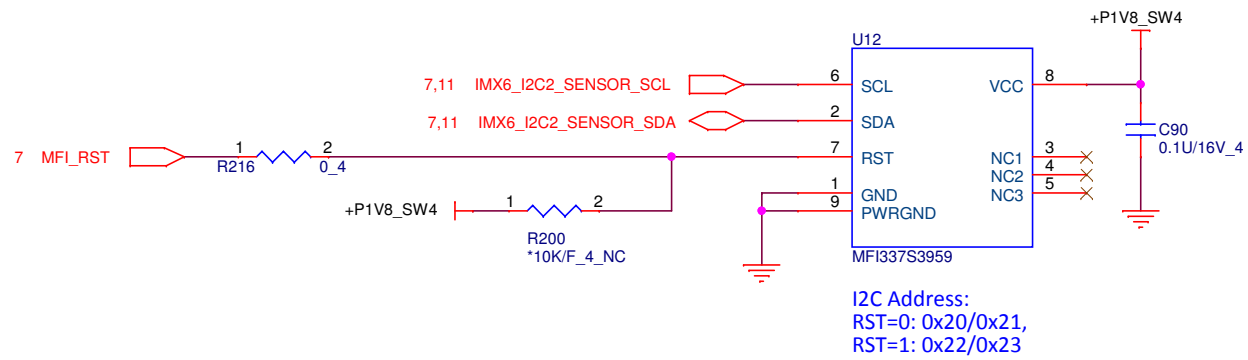
PROJECT : SALINAS - MOTHER BOARD

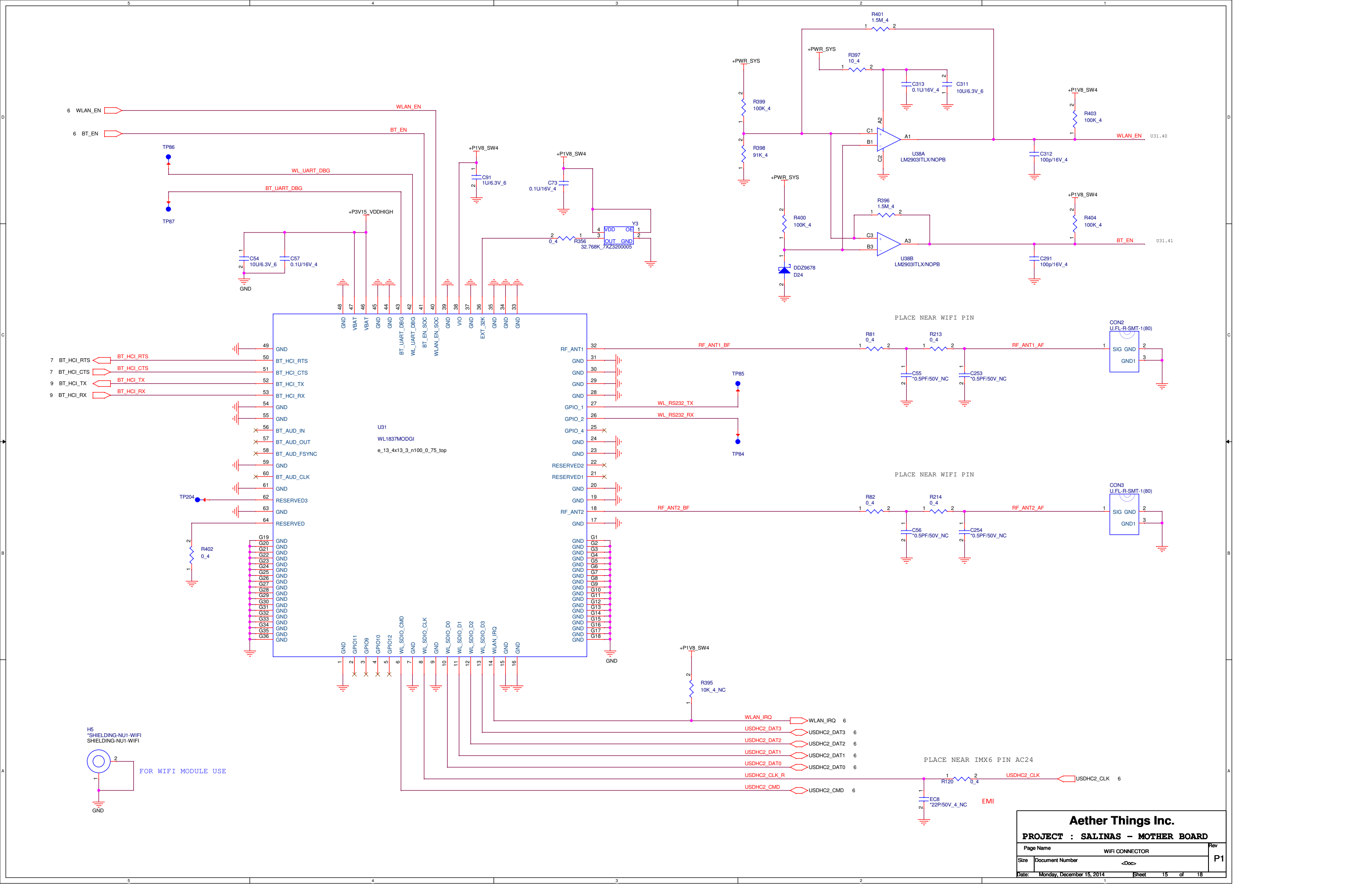
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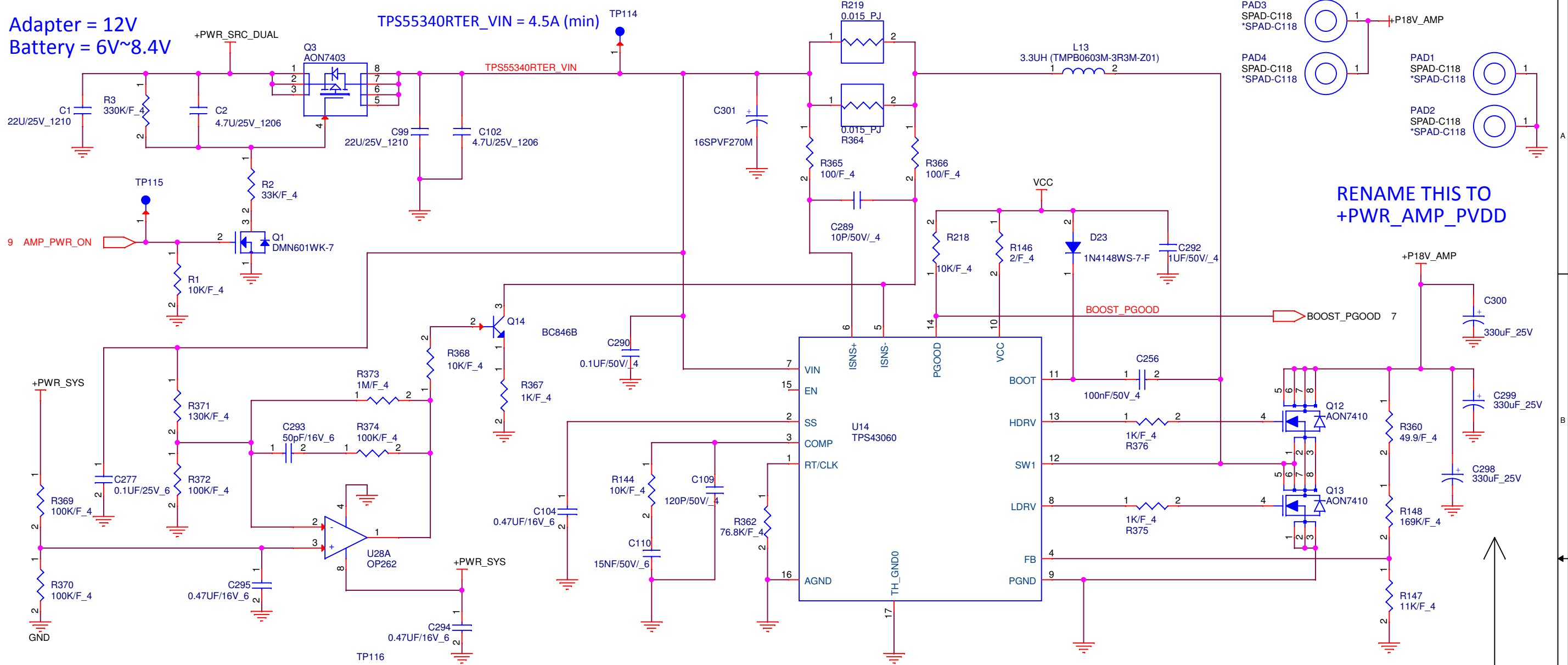
Size Document Number <Doc> P1

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3X OSCON 25SPVF330M

Adapter = 12V
Battery = 6V~8.4V

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PROJECT : SALINAS - MOTHER		
Page Name	TSP43060 / TPS62130RGTR	
Size	Document Number	<Doc>

