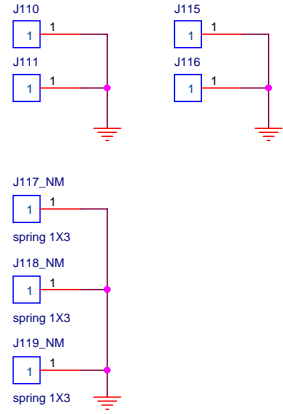


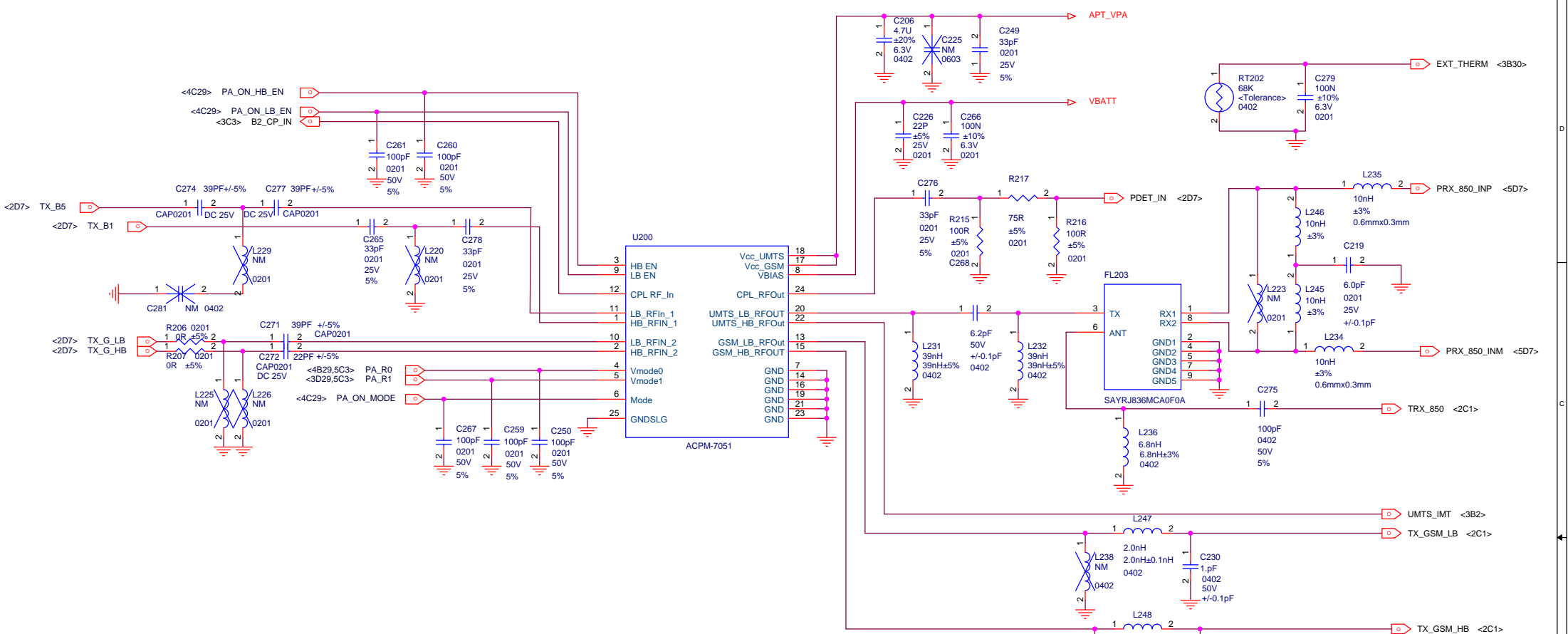
PRIMARY SWITCH(SP10T) LOGIC

MODE	SW_SEL3	SW_SEL2	SW_SEL1	SW_SEL0
TX GSM850/GSM900	H	H	L	L
TX GSM1800/GSM1900	H	L	L	L
RX GSM 900	L	L	H	L
RX_GSM_PCS	L	H	H	L
RX GSM DCS	L	H	L	L
TRX (NOT USED)	H	L	L	H
NO USED	H	H	H	H
TRX PCS	H	L	H	H
TRX IMT	H	H	H	L
TRX W850/RX G850	H	L	H	L



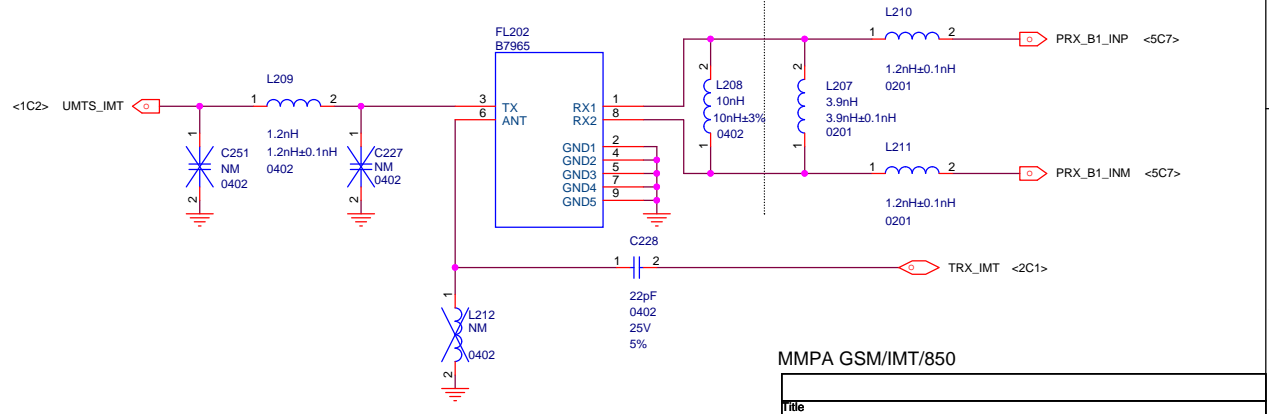
RF SWITCH/GSM-HB-RX

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Size	Document Number				Rev
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Date:	Thursday, December 27, 2012	Sheet	1	of	35



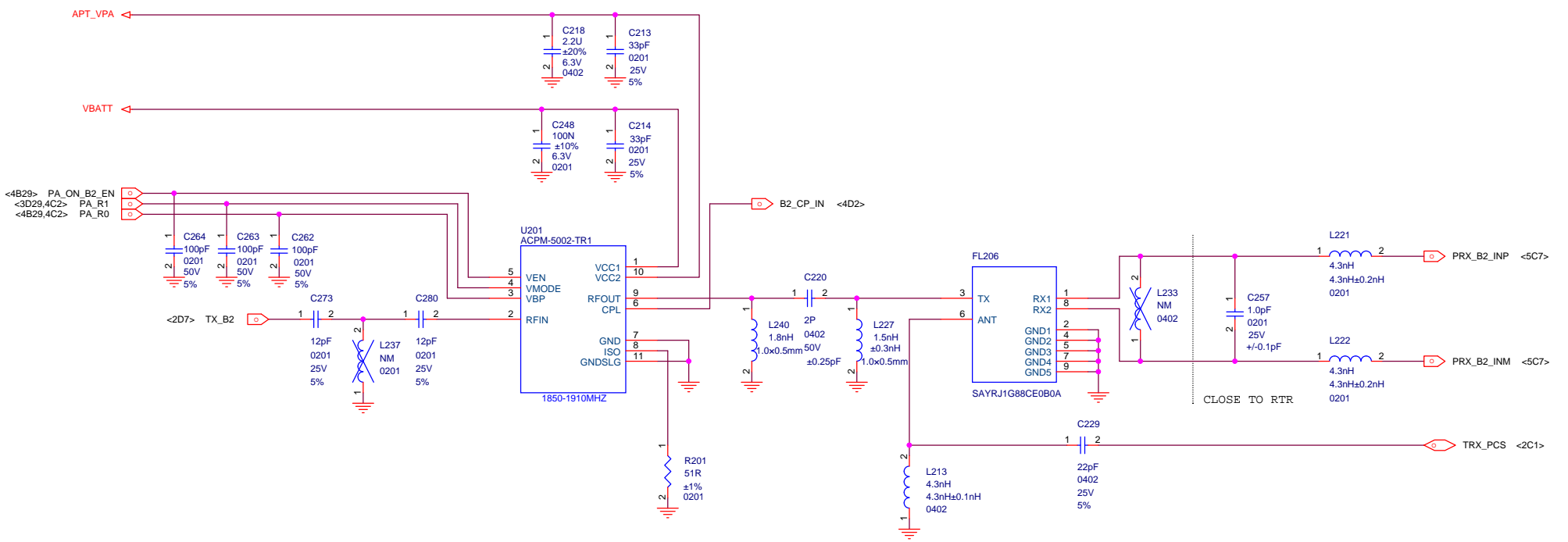
CONTROL LOGIC TABLE

POWER MODE	PA_ON_LB_EN	PA_ON_HB_EN	PA_ON_MODE	PA_R0	PA_R1
POWER DOWN	L	L	L	L	L
GSM_LB_HI_POWER	H	L	L	L	L
GSM_LB_MID_POWER	H	L	L	L	H
GSM_LB_LOW_POWER	H	L	L	H	L
GSM_HB_HIGH_POWER	L	H	L	L	L
GSM_HB_LOW_POWER	L	H	L	H	L
UMTS B5 HIGH POWER	H	L	H	L	X
UMTS B5 MID POWER	H	L	H	H	L
UMTS B5 LOW POWER	H	L	H	H	H
UMTS B1 HIGH POWER	L	H	H	L	X
UMTS B1 MID POWER	L	H	H	H	L
UMTS B1 LOW POWER	L	H	H	H	H



MMPA GSM/IMT/850

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Size	Document Number	<Doc>	
A3	<Doc>	Date:	Thursday, December 27, 2012
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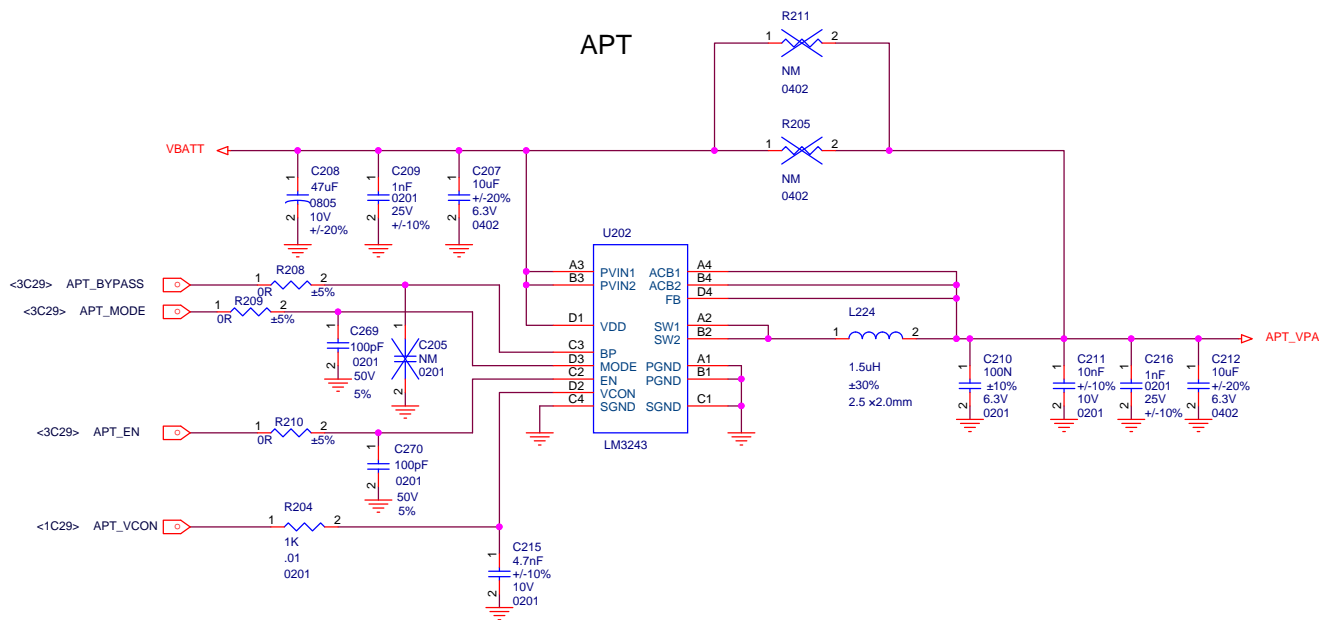
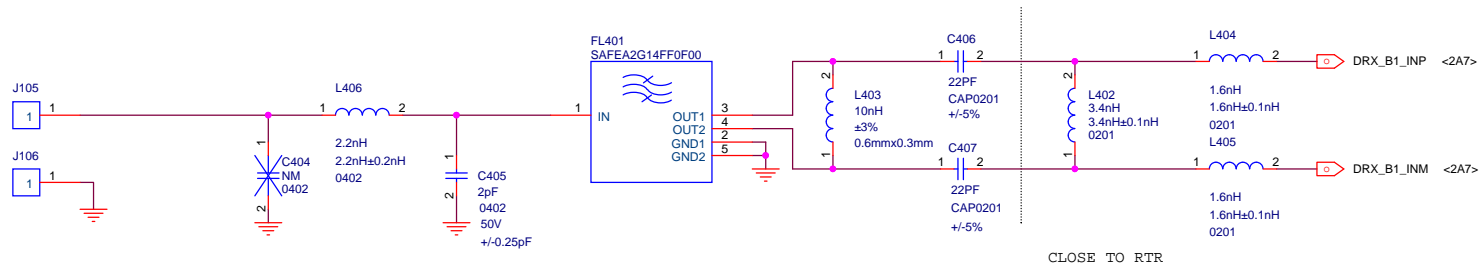


PA LOGIC

POWER MODE	PA_ON_B2_EN	PA_R0	PA_R1
HIGH POWER	H	L	L
MEDIUM POWER	H	L	H
LOW POWER	H	H	H
SHUT DOWN	L	L	L

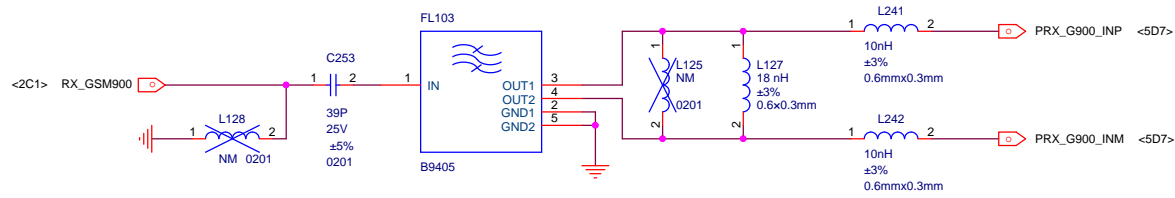
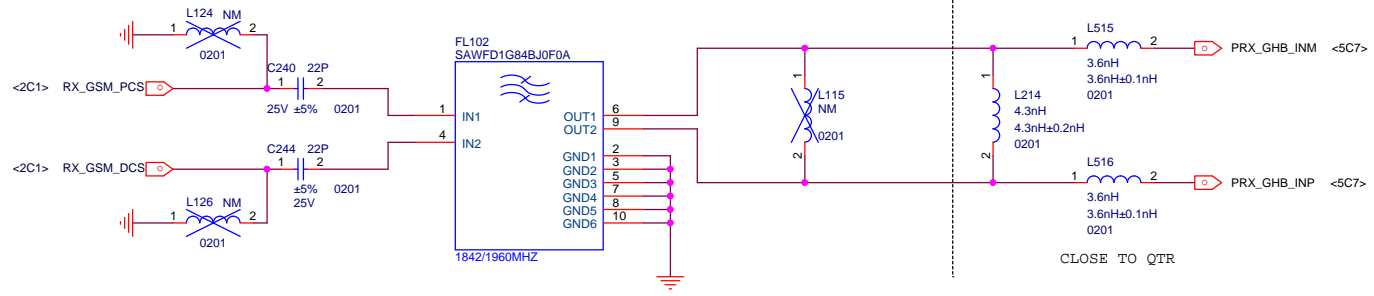
PCS/AWS

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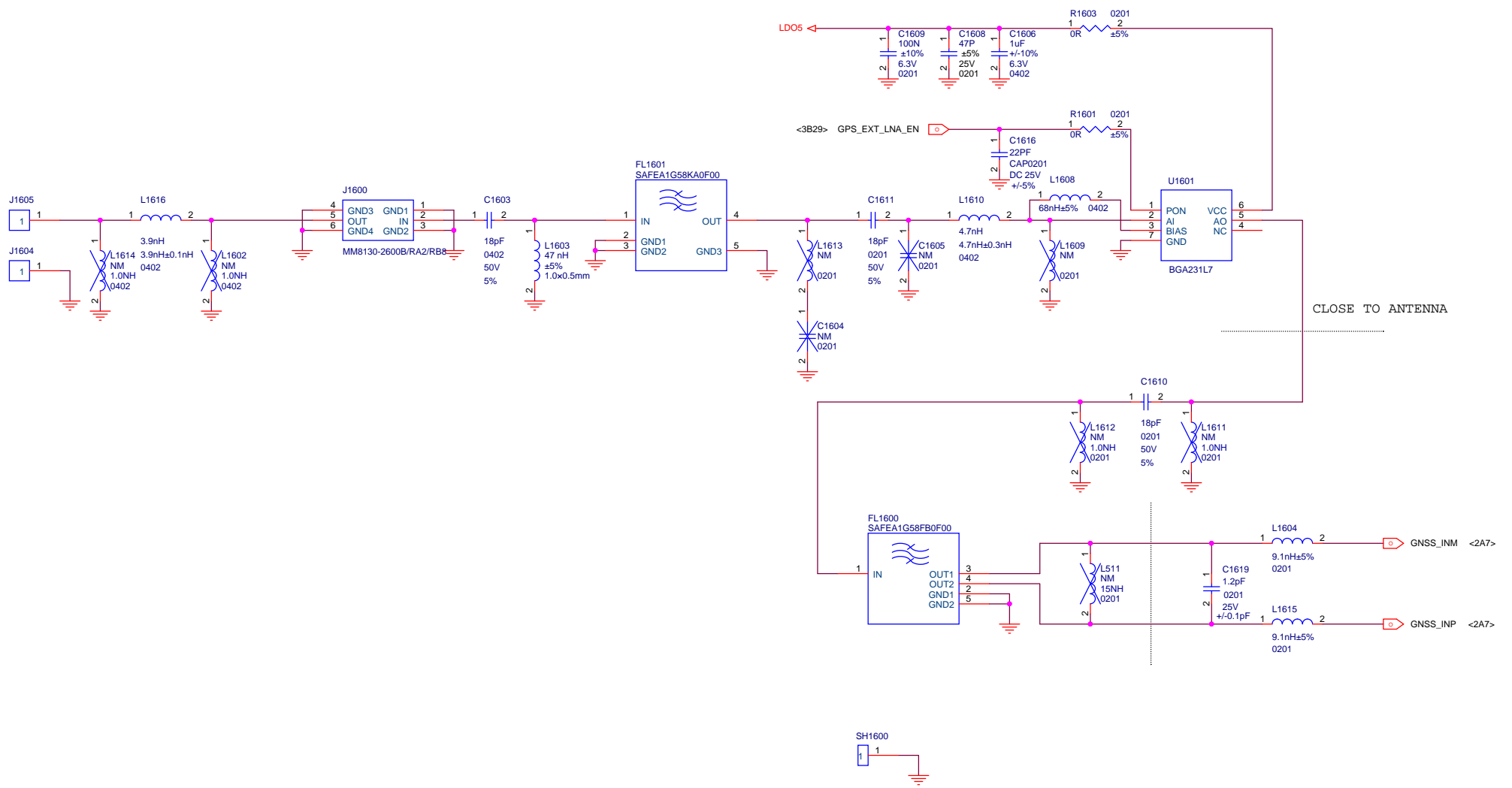
DIVERSITY RF FRONT END

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Date:	Thursday, December 27, 2012	Sheet 4 of 35



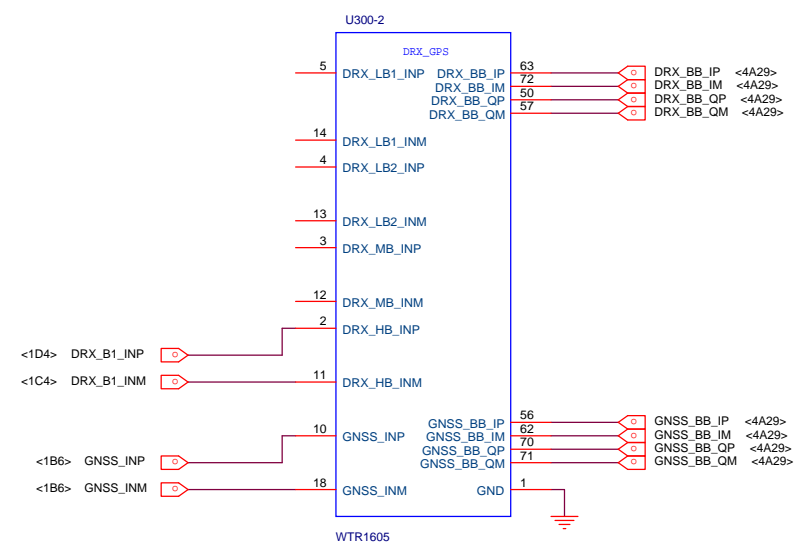
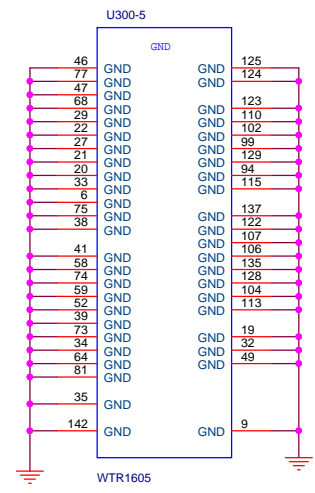
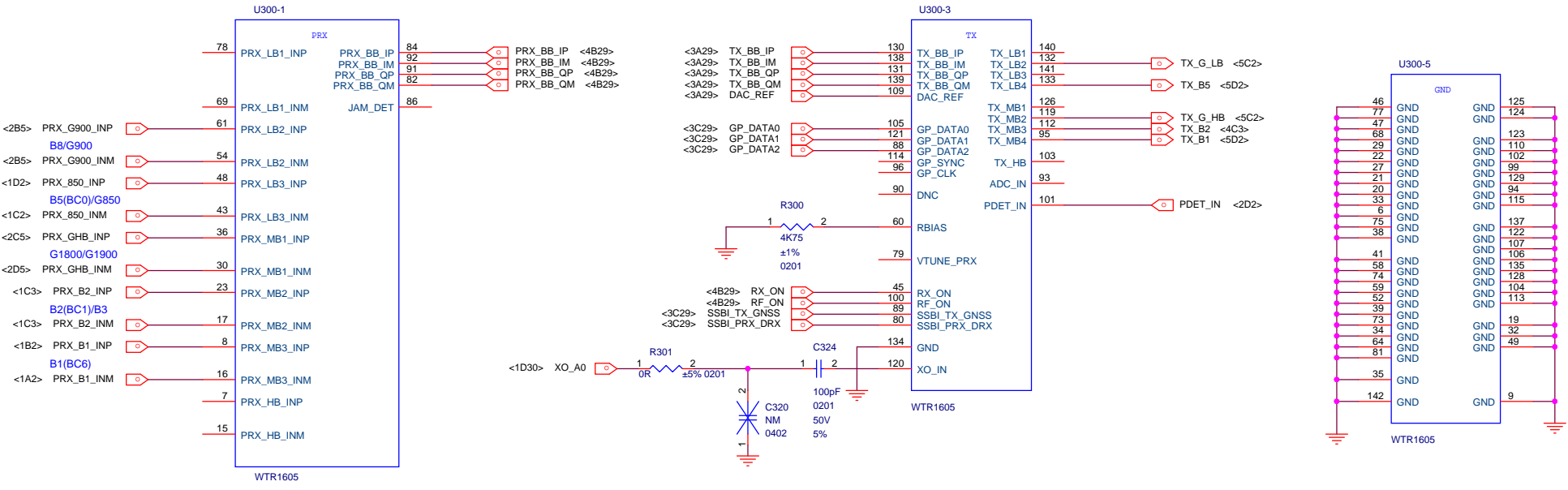
GSM RX

Title		
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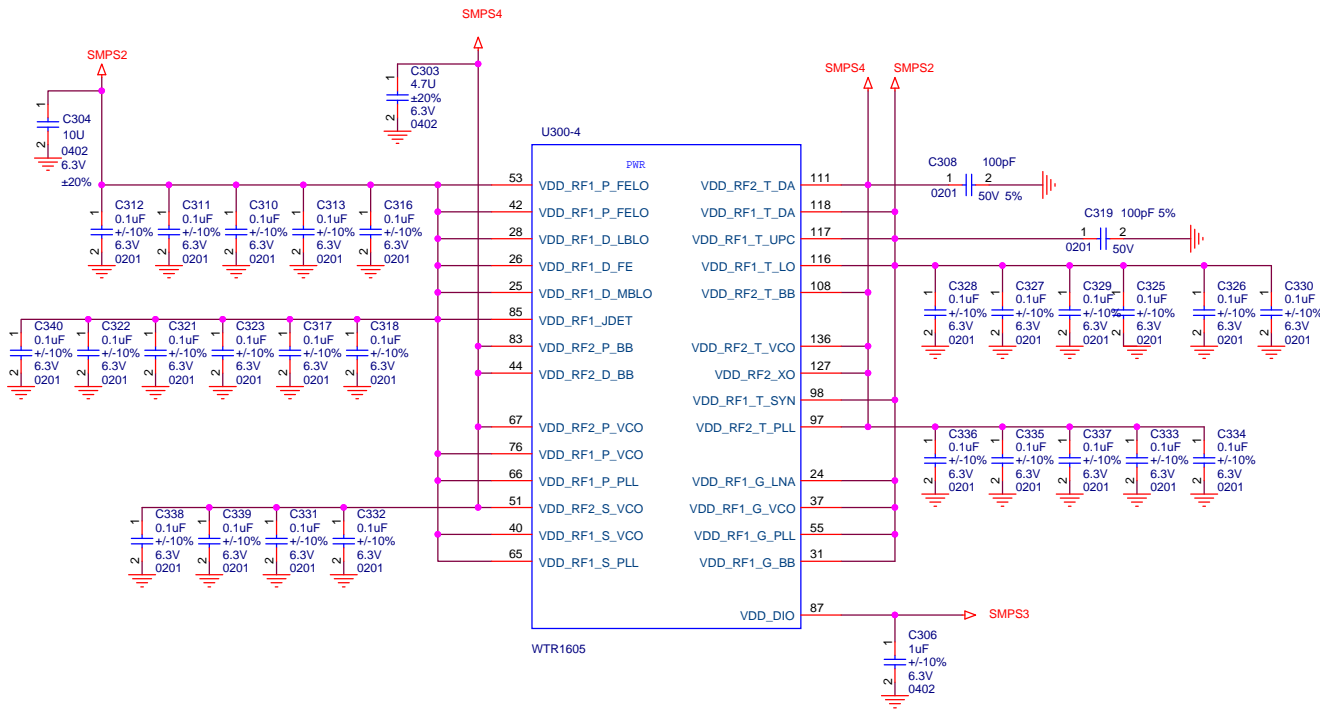
GPS

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RTR8600

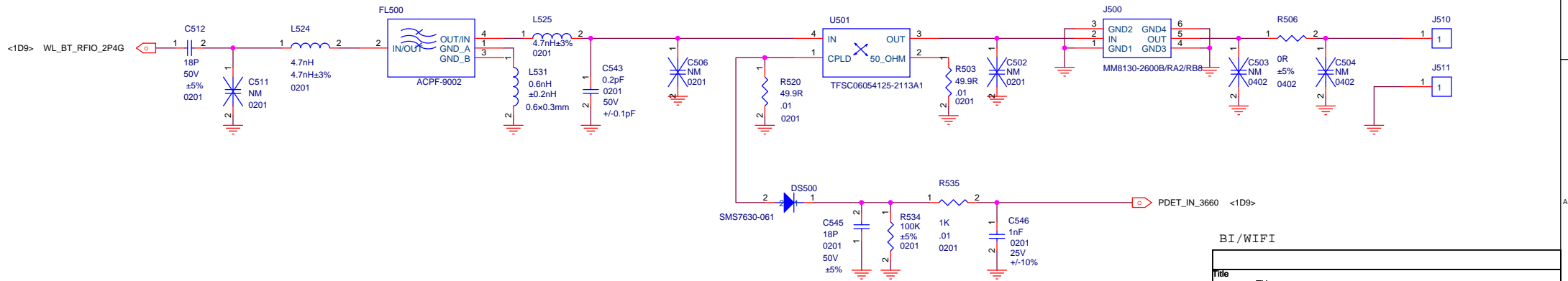
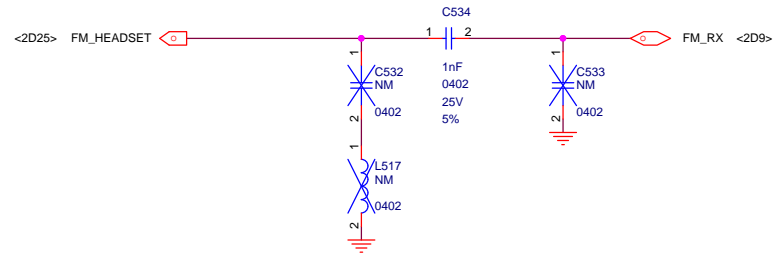
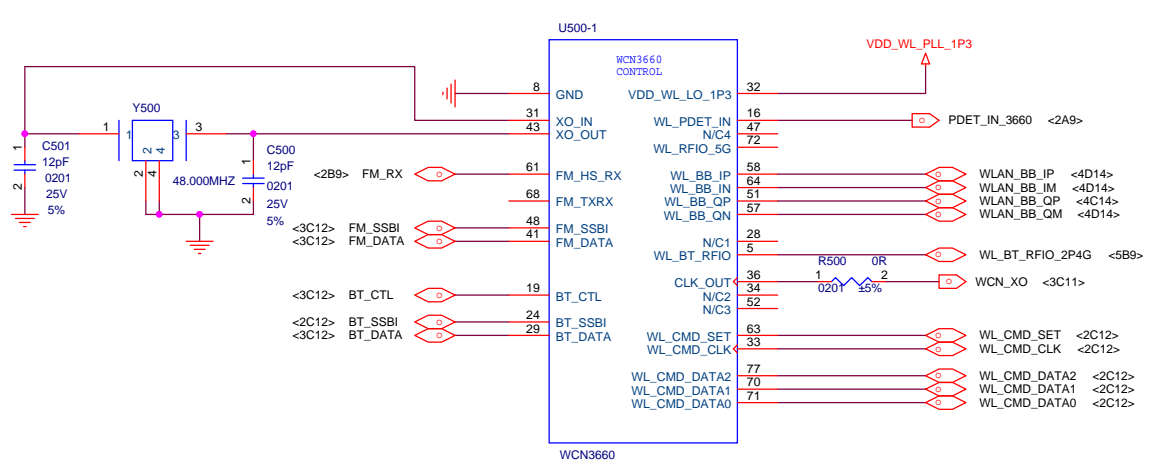
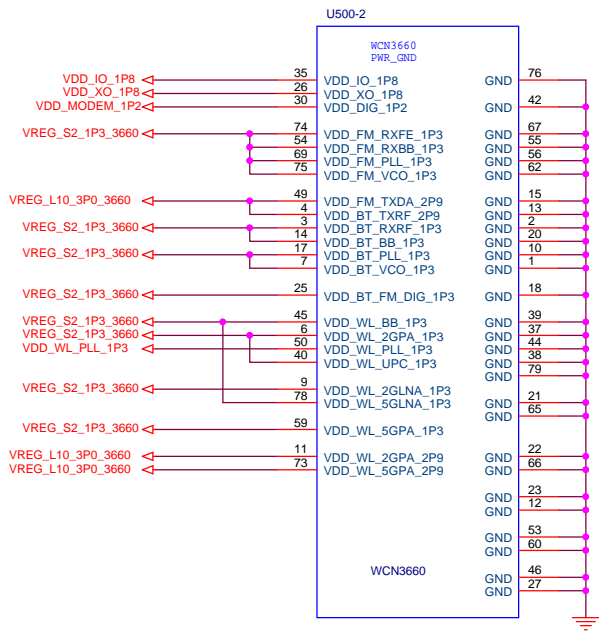
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GROUP	NAME	PIN	NET
1	VDD_RF2_D_BB	44	SMPS4
2	VDD_RF2_T_DA	111	
3	VDD_RF2_P_BB	83	
	VDD_RF2_T_BB	108	
4	VDD_RF2_P_VCO	67	
	VDD_RF2_S_VCO	51	
	VDD_RF2_T_VCO	136	SMPS2
5	VDD_RF2_T_PLL	97	
6	VDD_RF2_XO	127	
7	VDD_RF2_P_PLL	66	
	VDD_RF1_S_PLL	65	
	VDD_RF1_P_VCO	76	
	VDD_RF1_S_VCO	40	
8	VDD_RF1_T_DA	118	
9	VDD_RF1_T_SYN	98	
	VDD_RF1_T_LO	116	
	VDD_RF1_T_UPC	117	
10	VDD_RF1_P_FELO	53	
	VDD_RF1_D_FE	26	
11	VDD_RF1_P_FELO	42	
12	VDD_RF1_D_LBLO	28	
	VDD_RF1_D_MBLO	25	
13	VDD_RF1_JDET	85	
14	VDD_RF1_G_LNA	24	
	VDD_RF1_G_BB	31	
	VDD_RF1_G_PLL	55	
	VDD_RF1_G_VCO	37	
15	VDD_DIO	87	SMPS3

RTR8600 BYPASS

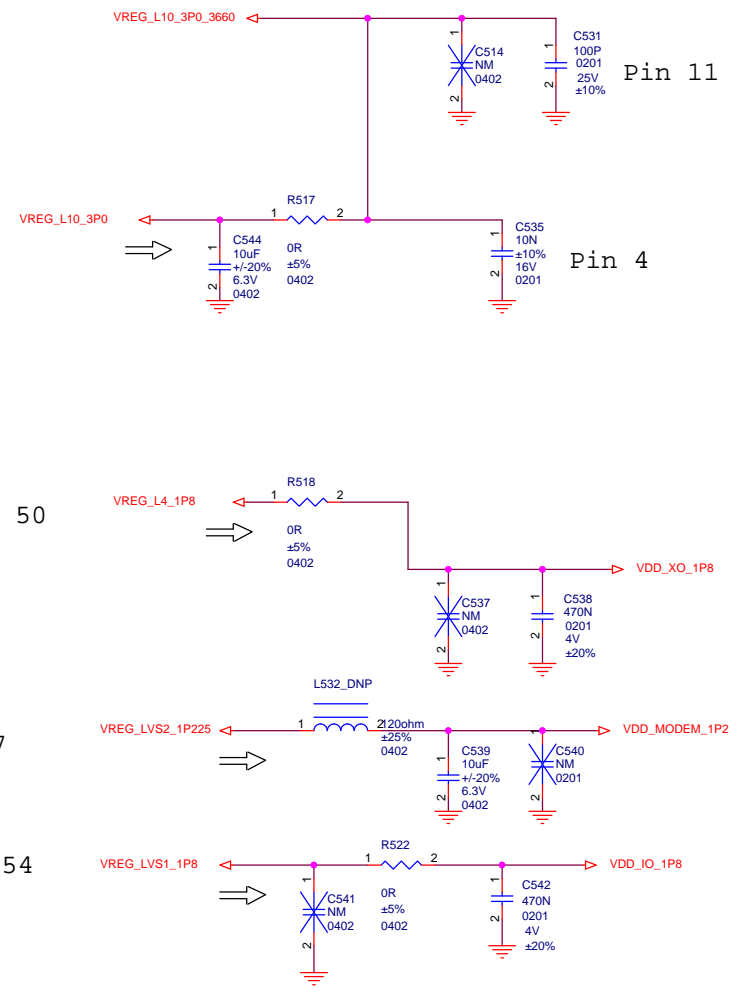
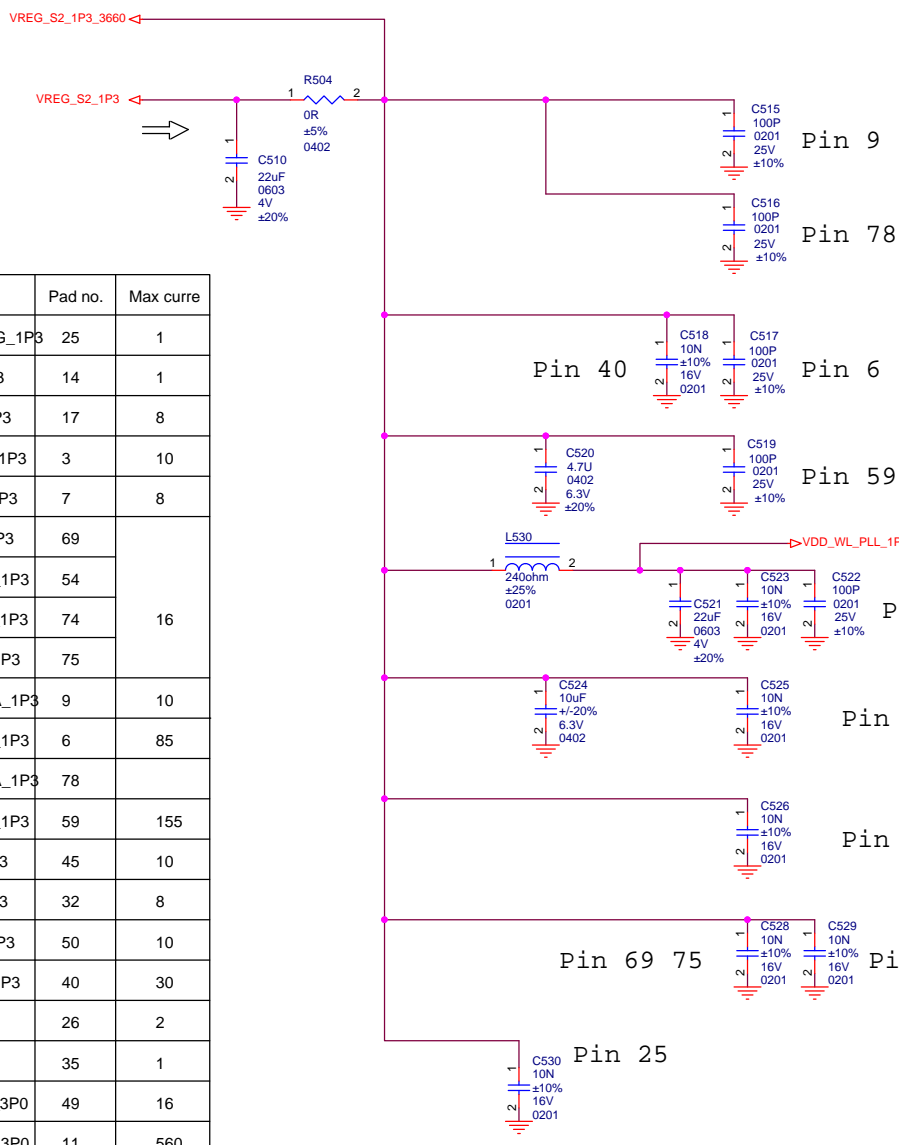
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BI / WIFI

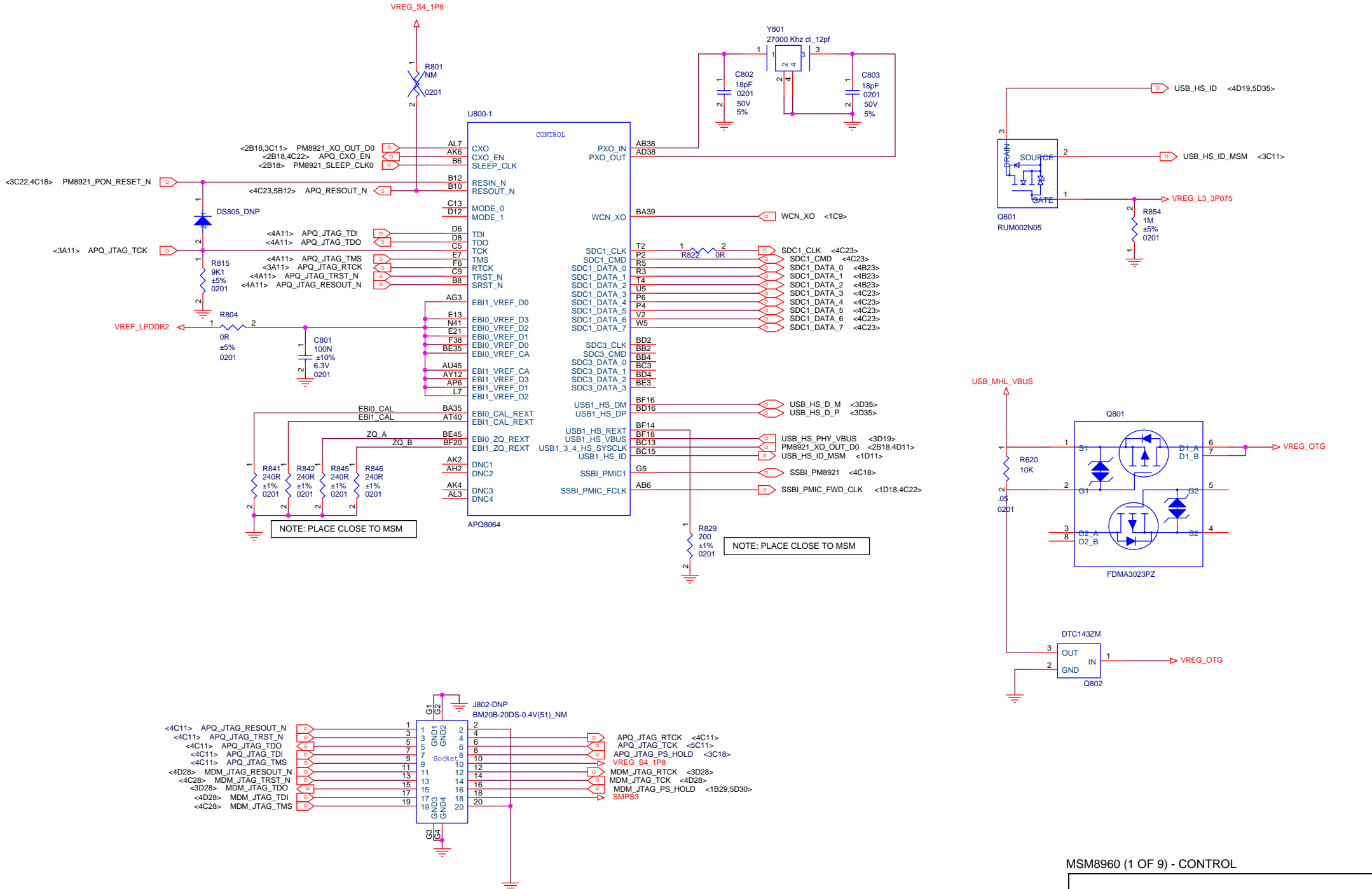
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Size	Document Number	Rev
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Voltage	Pad name	Pad no.	Max curre
1P3	VDD_BT_FM_DIG_1P3	25	1
	VDD_BT_BB_1P3	14	1
	VDD_BT_PLL_1P3	17	8
	VDD_BT_RXRF_1P3	3	10
	VDD_BT_VCO_1P3	7	8
	VDD_FM_PLL_1P3	69	16
	VDD_FM_RXBB_1P3	54	
	VDD_FM_RXFE_1P3	74	
	VDD_FM_VCO_1P3	75	
	VDD_WL_2GLNA_1P3	9	10
	VDD_WL_2GPA_1P3	6	85
	VDD_WL_5GLNA_1P3	78	
	VDD_WL_5GPA_1P3	59	155
	VDD_WL_BB_1P3	45	10
VDD_WL_LO_1P3	32	8	
VDD_WL_PLL_1P3	50	10	
VDD_WL_UPC_1P3	40	30	
1P8	VDD_XO_1P8	26	2
	VDD_IO_1P8	35	1
3P0	VDD_FM_TXDA_3P0	49	16
	VDD_WL_2GPA_3P0	11	560
	VDD_WL_5GPA_3P0	73	600
	VDD_BT_TXRF_3P0	4	45
1P2	VDD_DIG_1P2	30	4



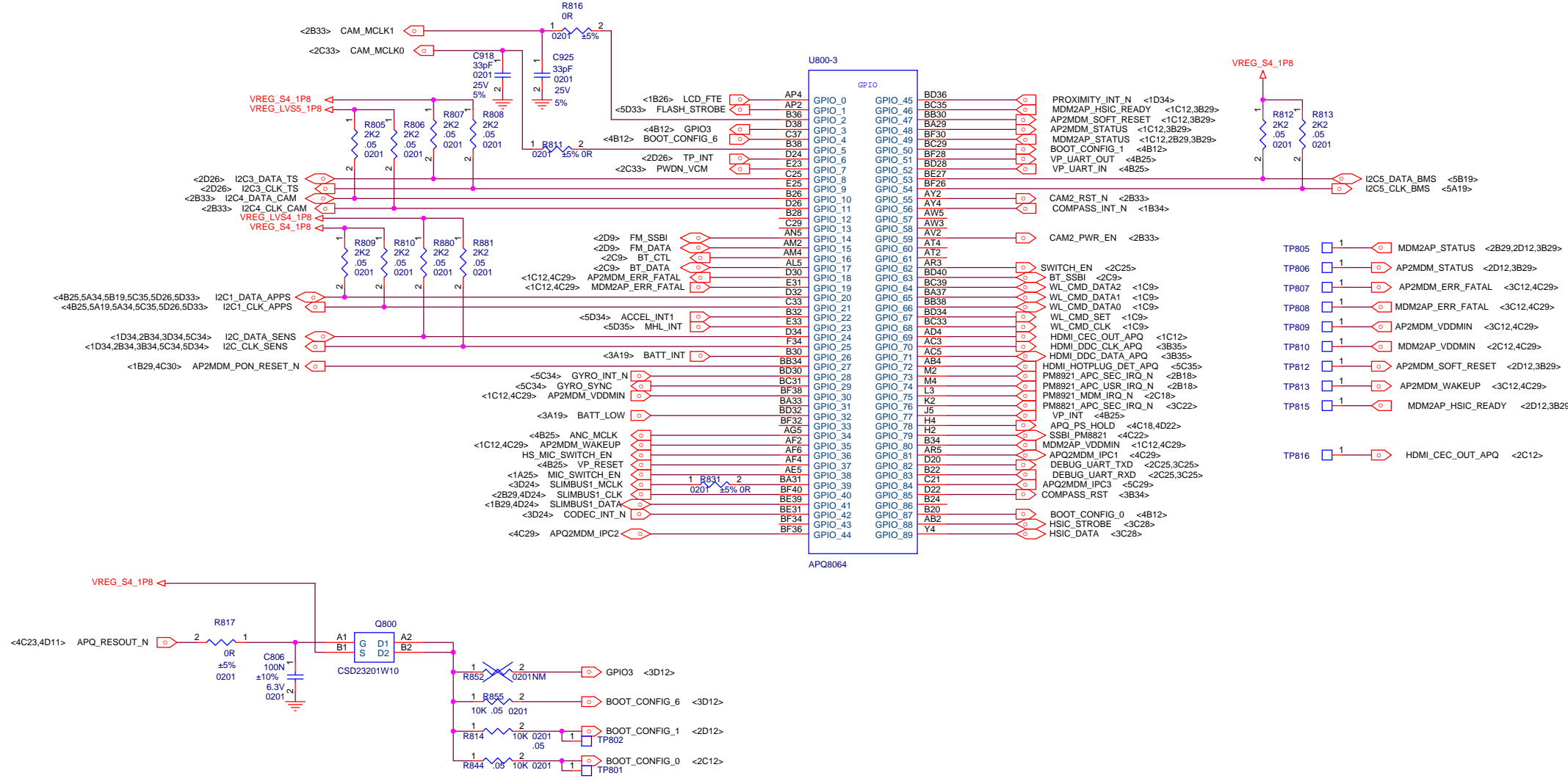
BT/FM/WLAN DECOUP

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MSM8960 (1 OF 9) - CONTROL

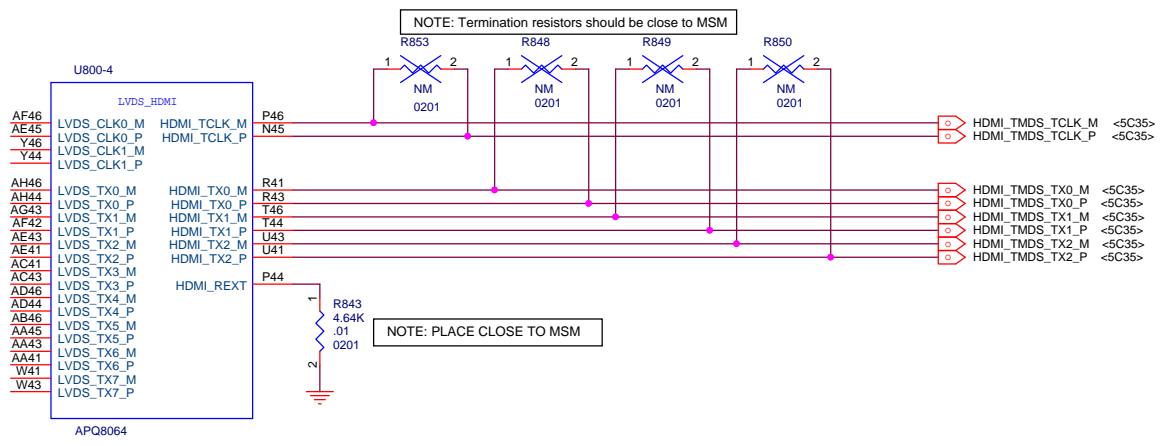
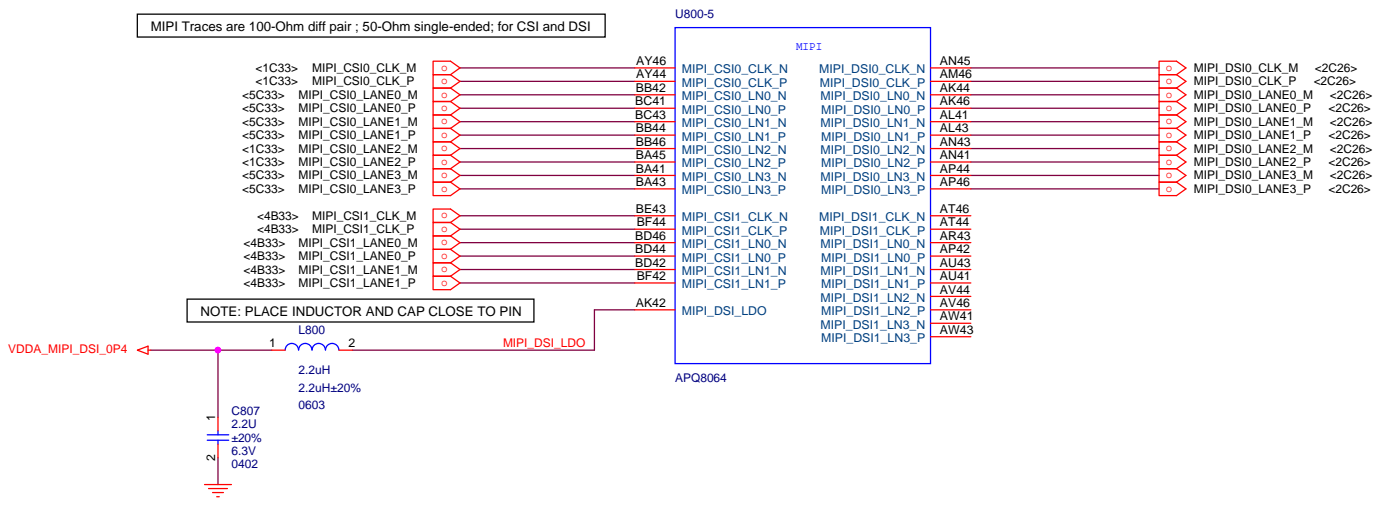
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MSM8960 (2 OF 7) - GPIO

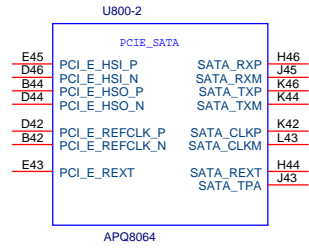
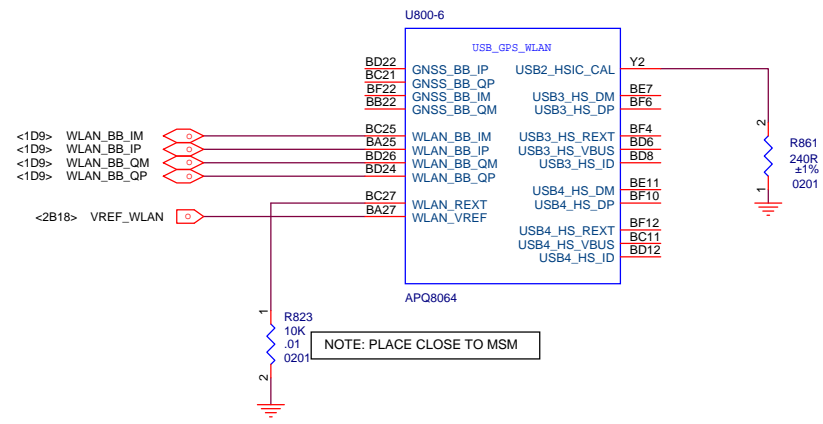
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Size	Document Number	Rev	
A3	<Doc>	A	
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MIPI Traces are 100-Ohm diff pair ; 50-Ohm single-ended; for CSI and DSI



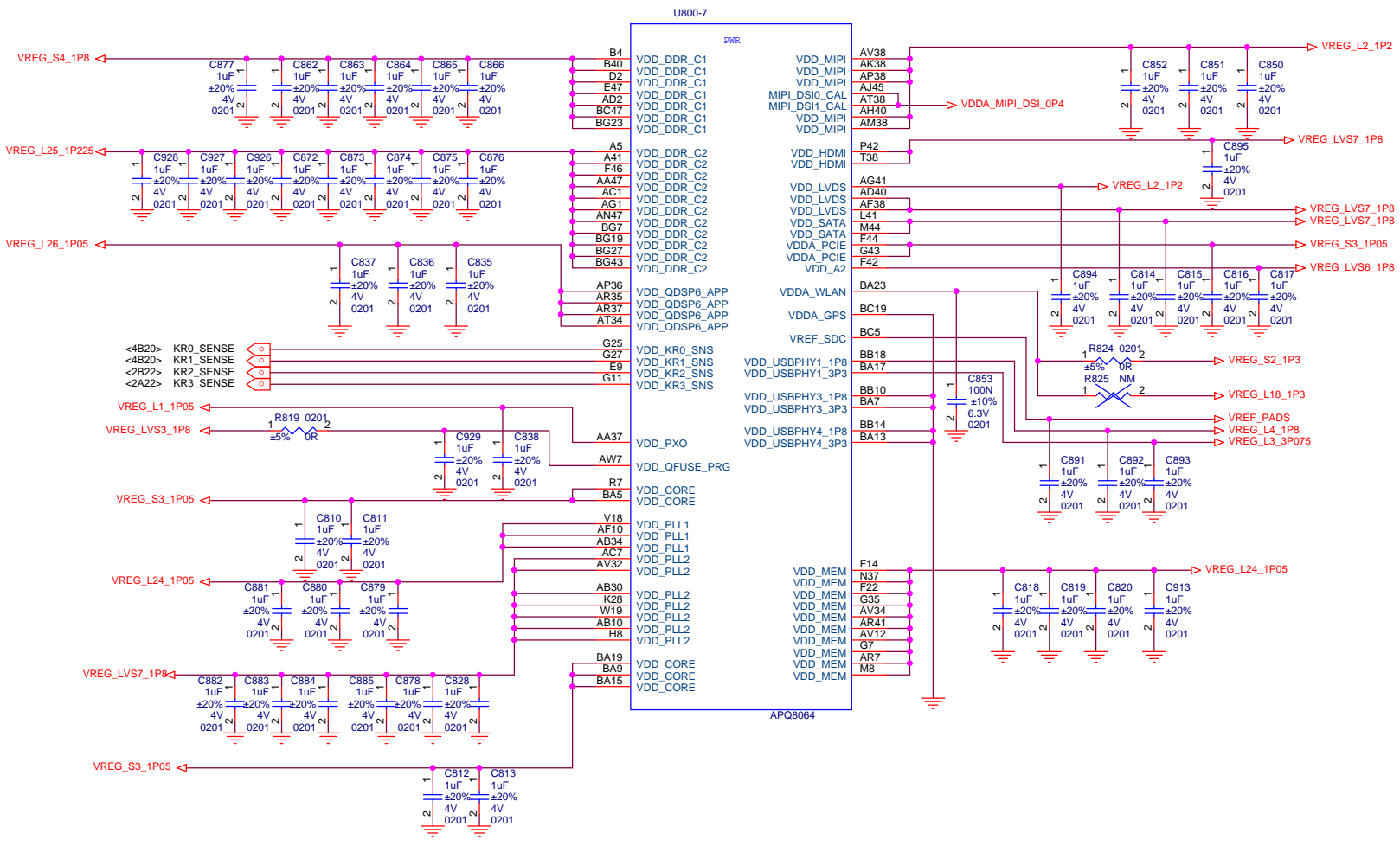
MSM8960 (3 OF 7) - MSM8960 MIPI DSI,CSI and HDMI

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Size	Document Number	Rev	
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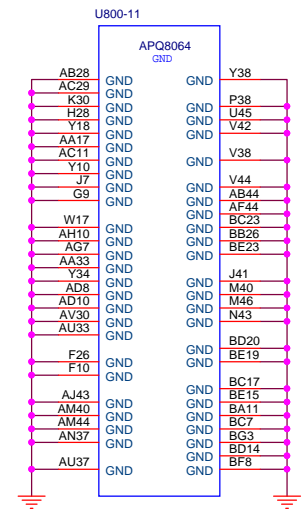
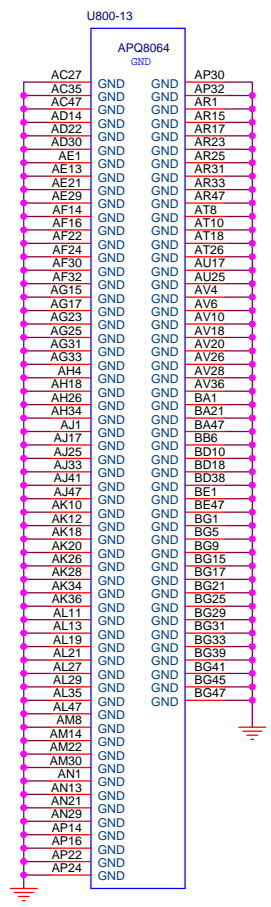
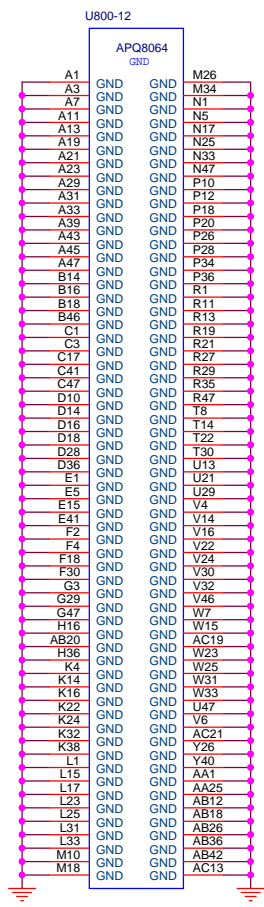
MSM8960 (4 OF 7) - MSM8960 RF INTERFACE

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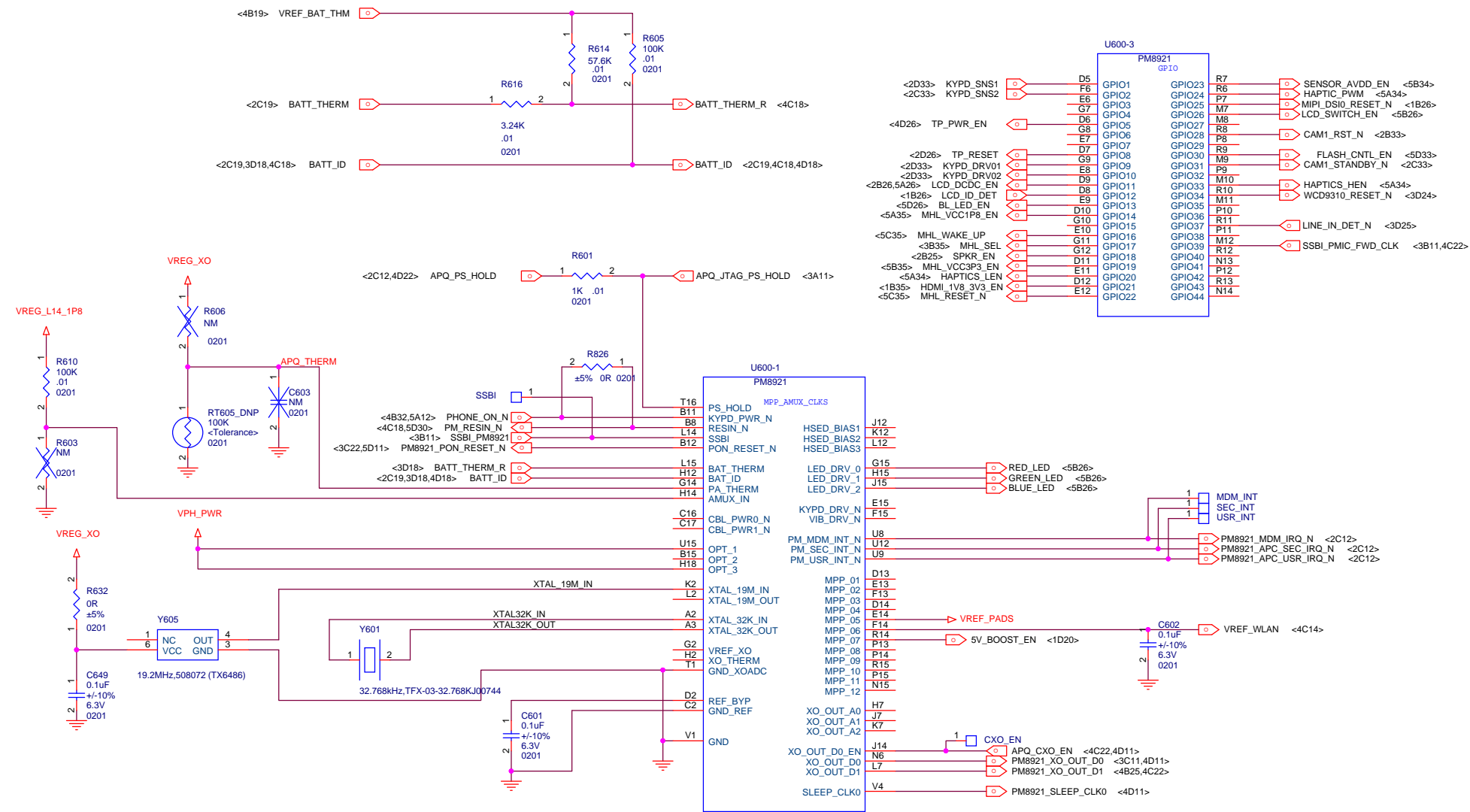
MSM8960 (5 OF 7) - MSM8960 POWER1

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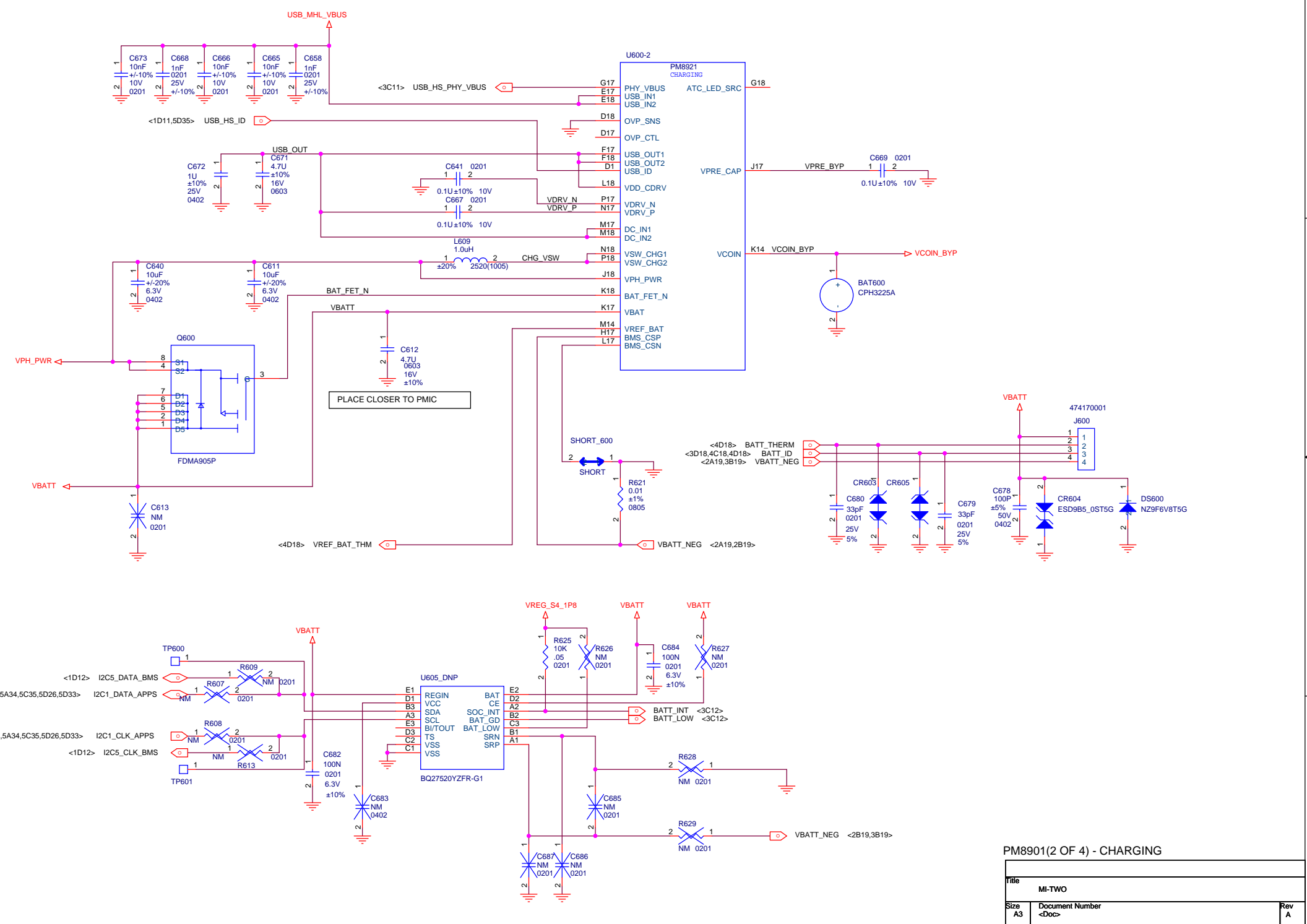
MSM8960 (7 OF 7) - MSM8960 GND

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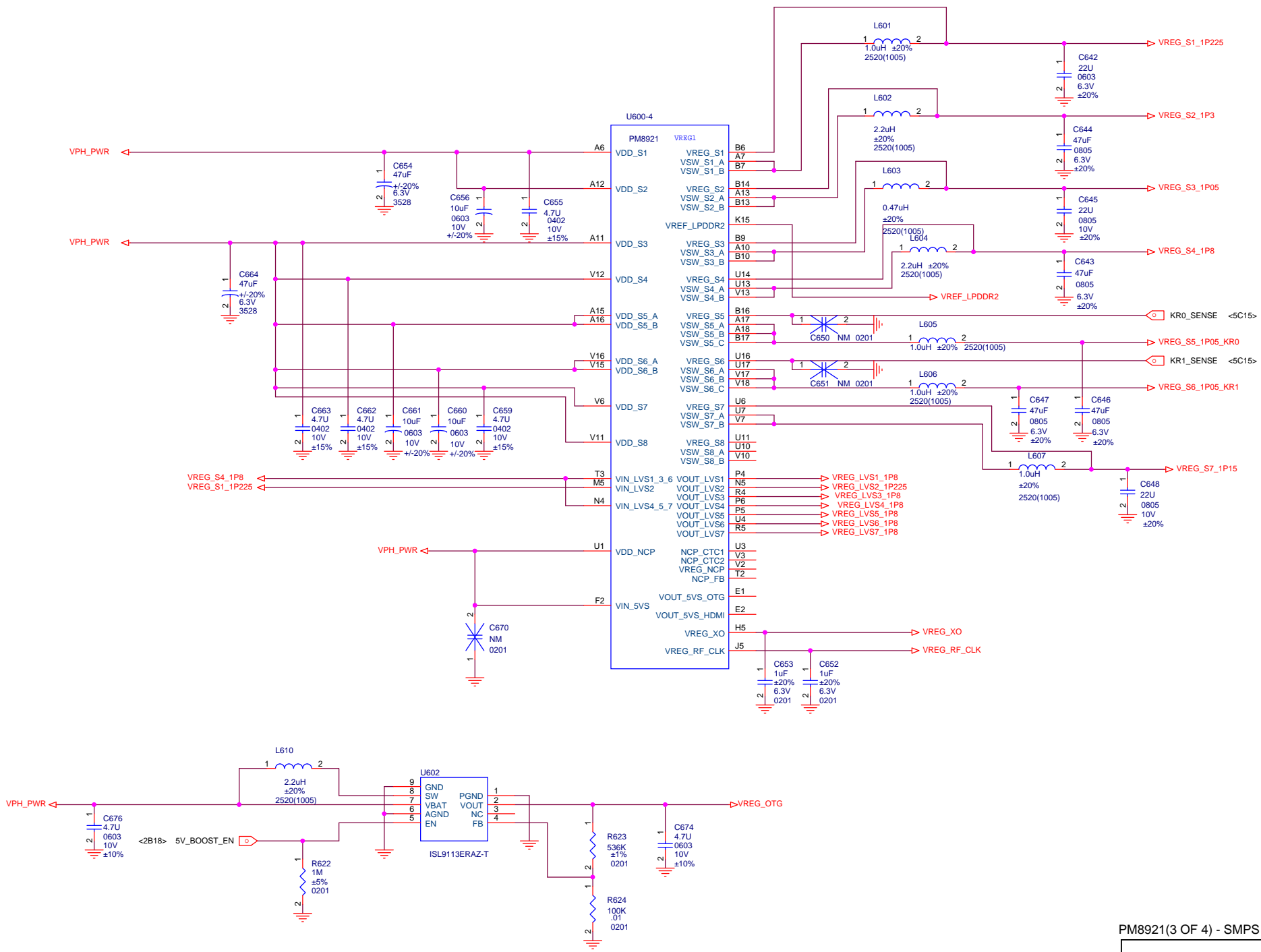
PM8921(1 of 4)-AMUX,CLK,GPIO

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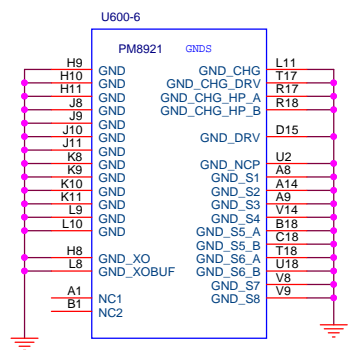
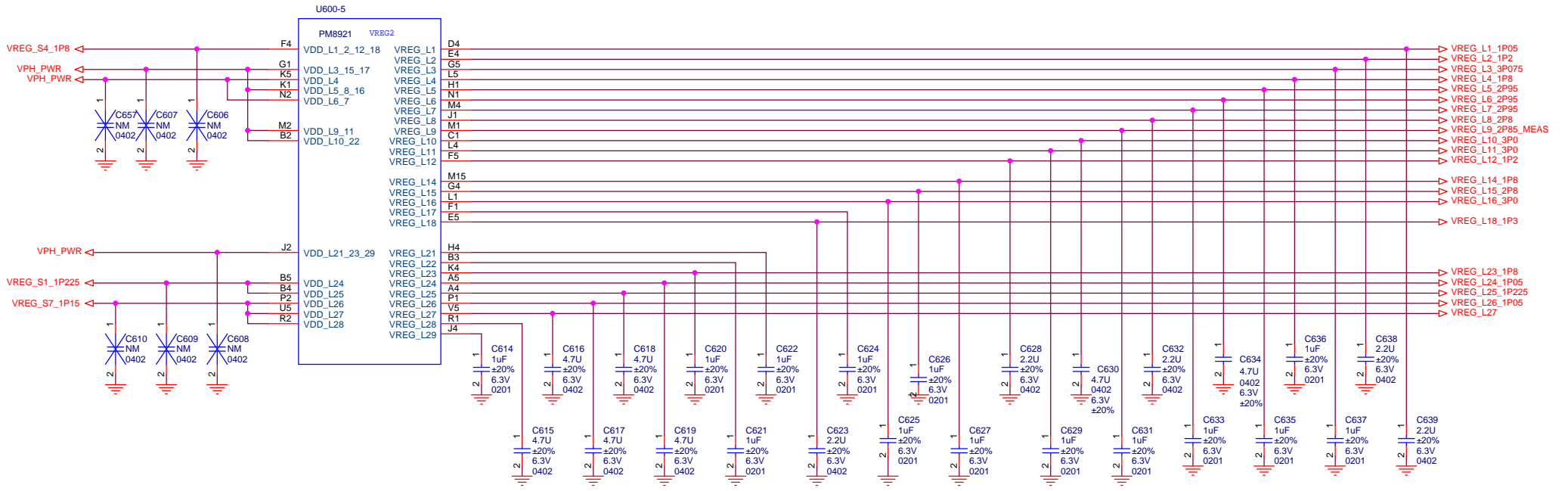
PM8901(2 OF 4) - CHARGING

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PM8921(3 OF 4) - SMPS

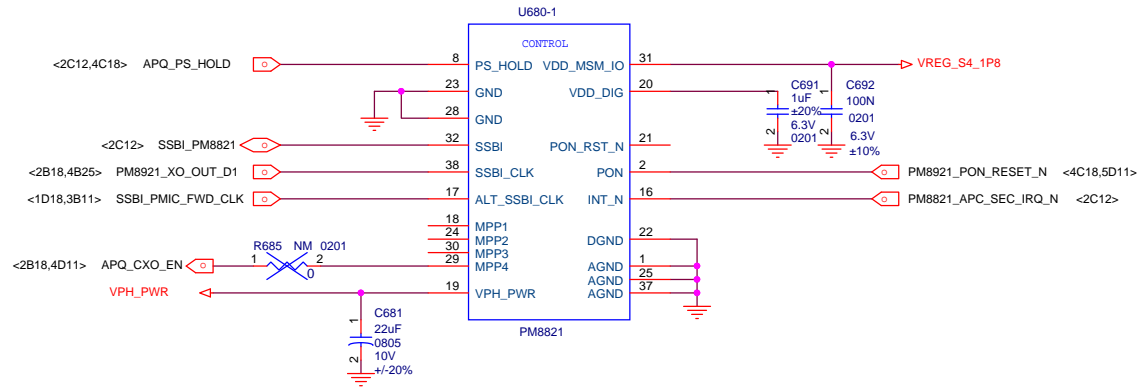
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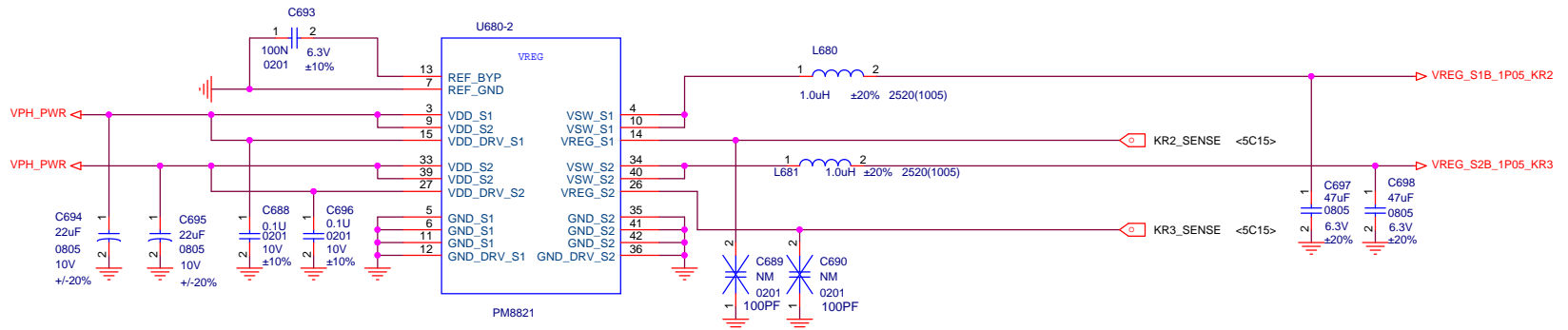
PM8901(4 OF 4) - LDO

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PM8821 CONTROL



PM8821 VREGS

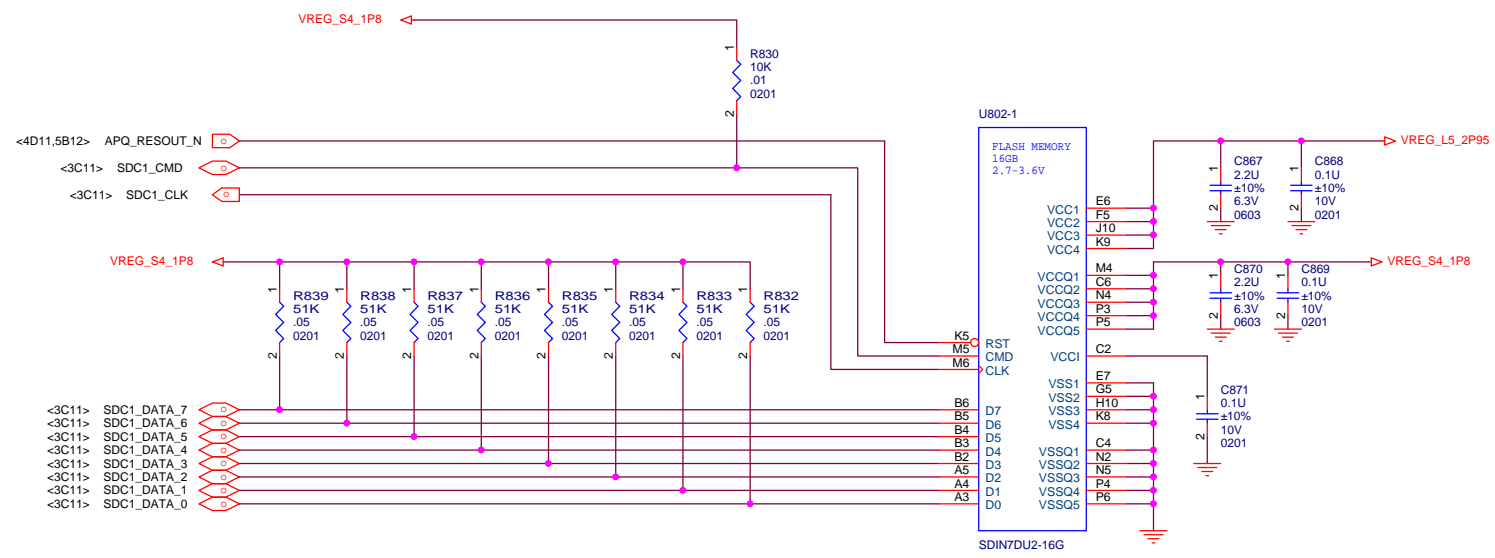


PM8821 CONTROL AND VREG

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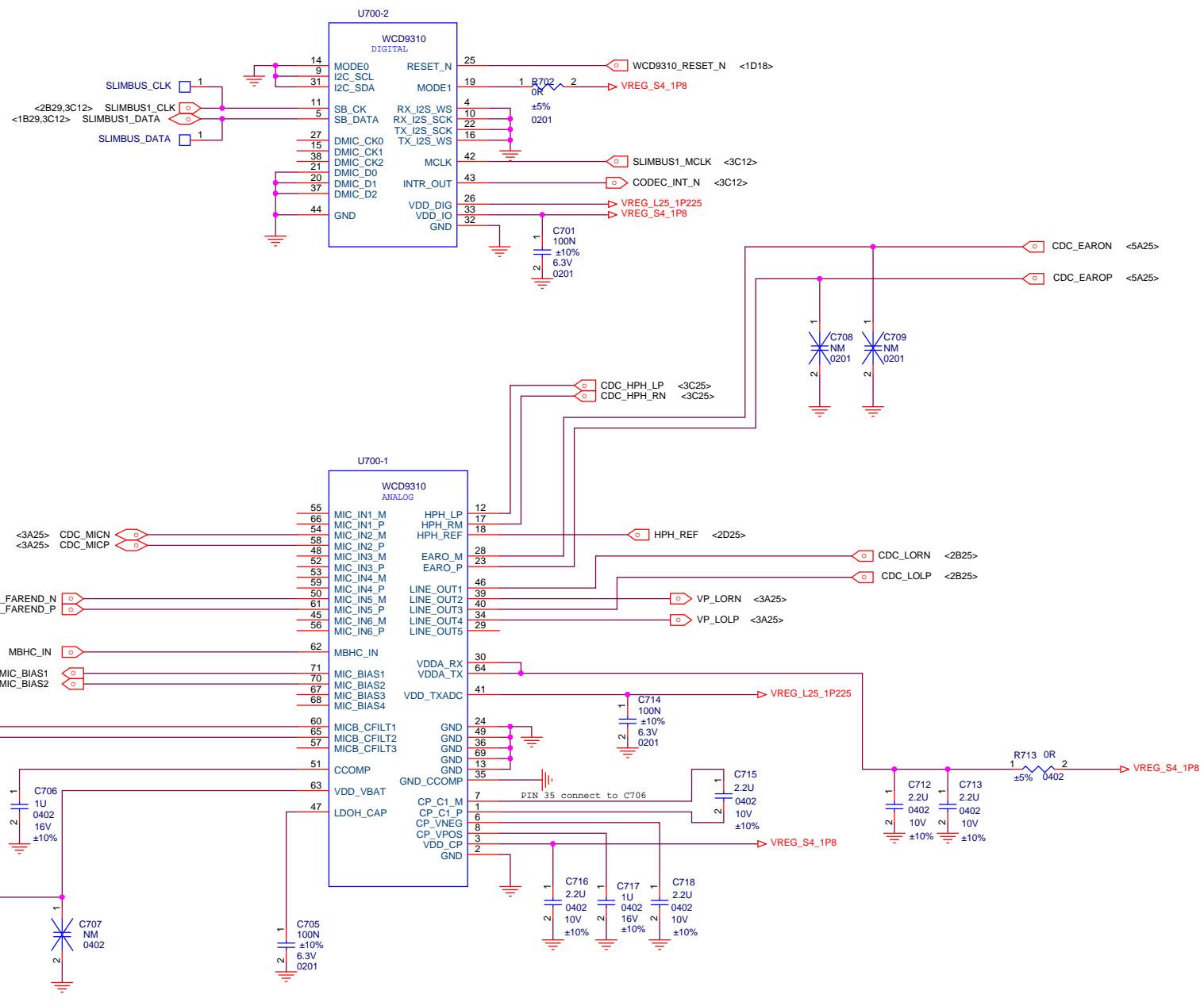
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NC71	NC71	H1
NC72	NC72	H2
NC73	NC73	H3
NC74	NC74	H5
NC75	NC75	H12
NC76	NC76	H13
NC77	NC77	H14
NC78	NC78	J1
NC79	NC79	J2
NC80	NC80	J3
NC81	NC81	J5
NC82	NC82	J12
NC83	NC83	J13
NC84	NC84	J14
NC85	NC85	K1
NC86	NC86	K2
NC87	NC87	K3
NC88	NC88	K7
NC89	NC89	K10
NC90	NC90	K12
NC91	NC91	K13
NC92	NC92	K14
NC93	NC93	L1
NC94	NC94	L2
NC95	NC95	L3
NC96	NC96	L12
NC97	NC97	L13
NC98	NC98	L14
NC99	NC99	M1
NC100	NC100	M2
NC101	NC101	M3
NC102	NC102	M7
NC103	NC103	M8
NC104	NC104	M9
NC105	NC105	M10
NC106	NC106	M11
NC107	NC107	M12
NC108	NC108	M13
NC109	NC109	M14
NC110	NC110	N1
NC111	NC111	N3
NC112	NC112	N6
NC113	NC113	N7
NC114	NC114	N8
NC115	NC115	N9
NC116	NC116	N10
NC117	NC117	N11
NC118	NC118	N12
NC119	NC119	N13
NC120	NC120	N14
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NC122	NC122	P2
NC123	NC123	P7
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NC126	NC126	P10
NC127	NC127	P11
NC128	NC128	P12
NC129	NC129	P13
NC130	NC130	P14
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SDIN7DU2-16G



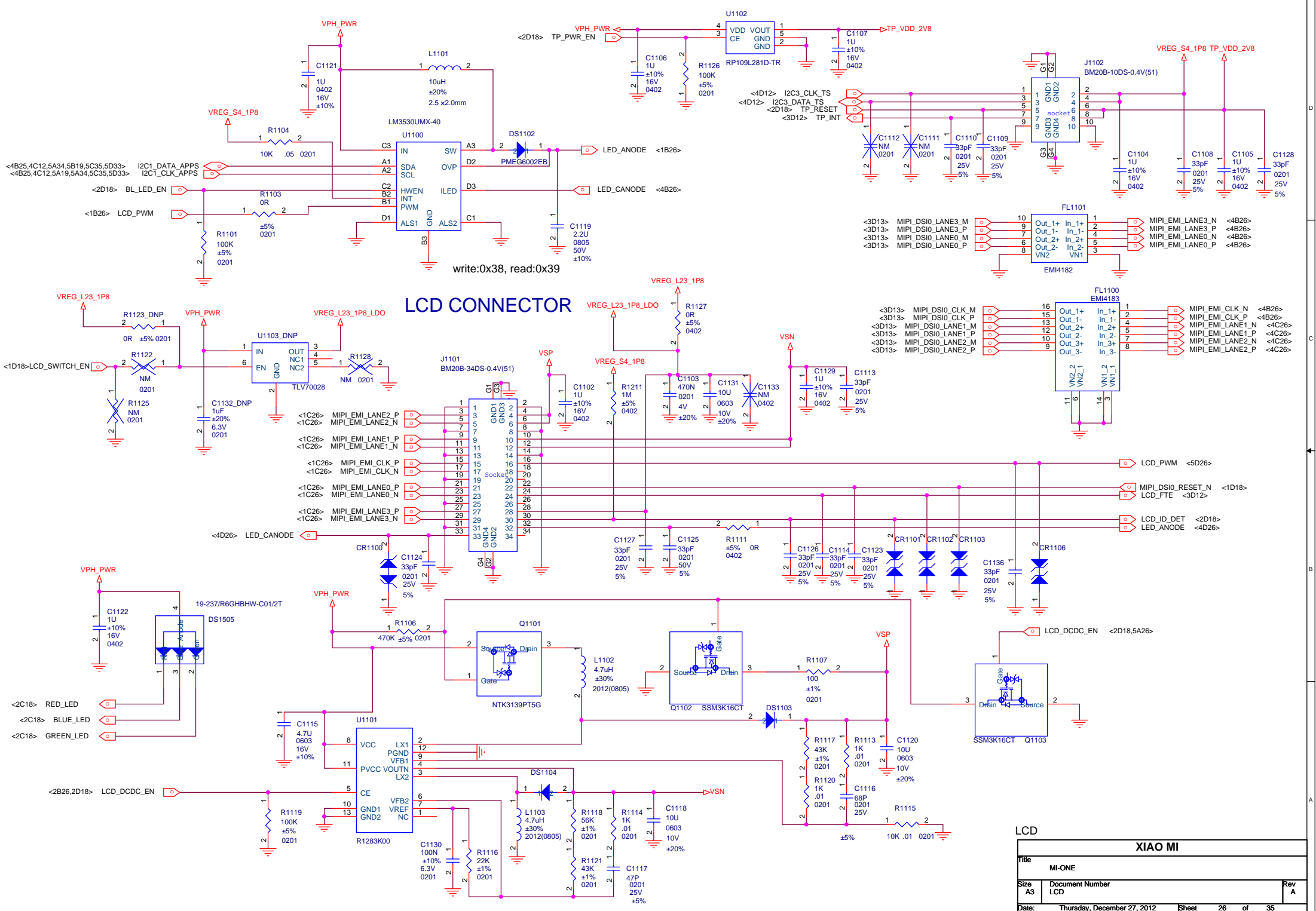
MEMORY

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WCD9310

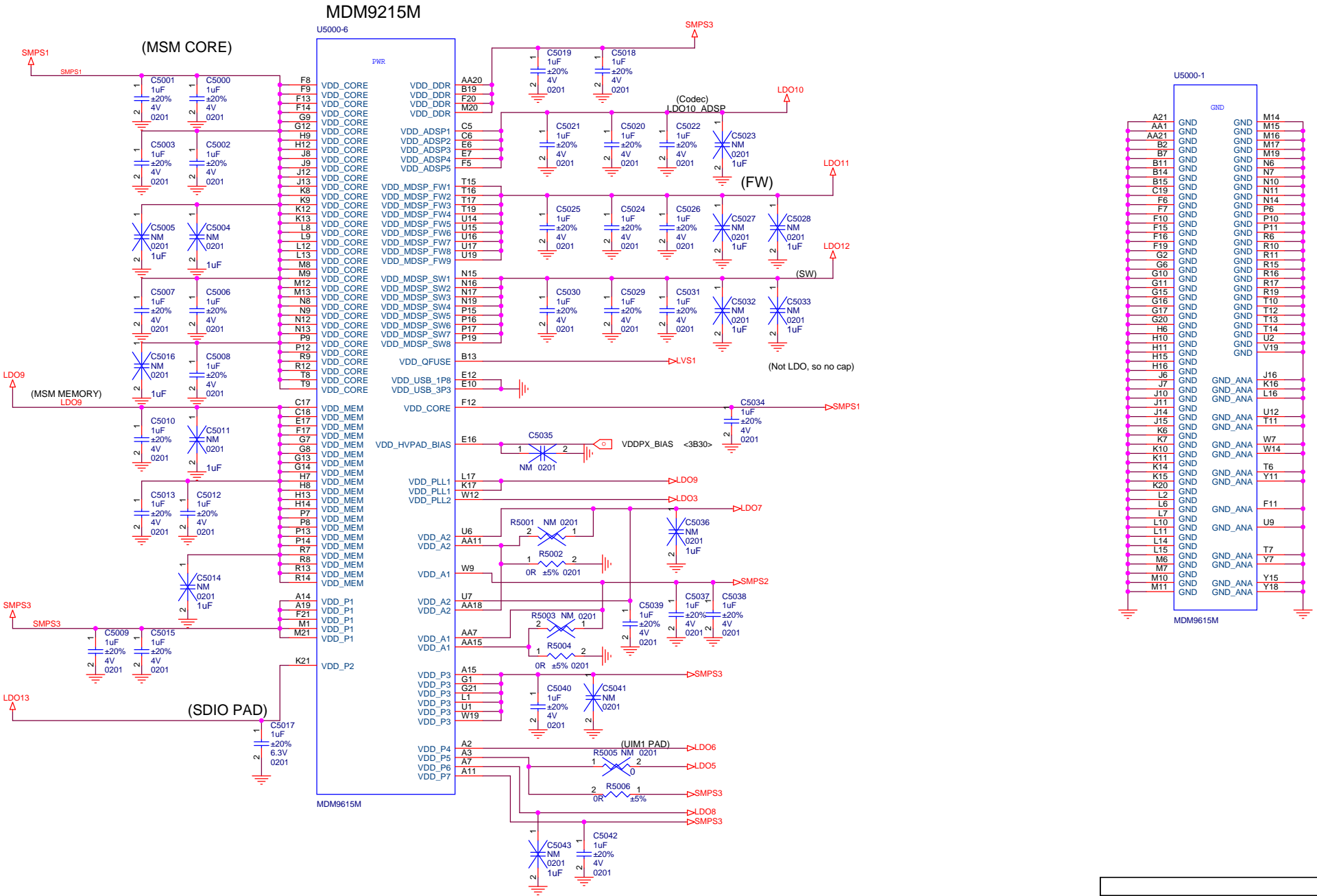
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LCD			
XIAO MI			
File	MI-ONE		
Size	Document Number		Rev
A3	LCD		A
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MDM9215M : POWER

MDM9215M: GND



MDM9215M : POWER AND GND

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A3	<Doc>		
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MDM9215M : GPIO & ANALOG IO

MDM9215M

U5000-4

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PD's on CODEC and WLAN RESETS are on their respective sheets

MDM9615M

U5000-5

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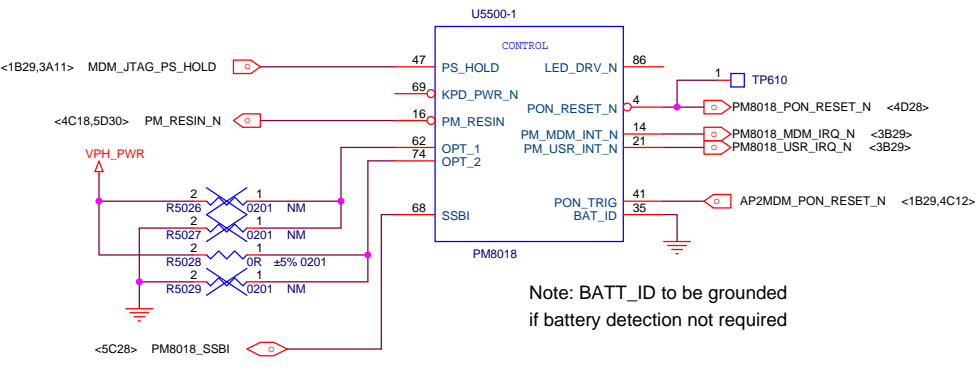
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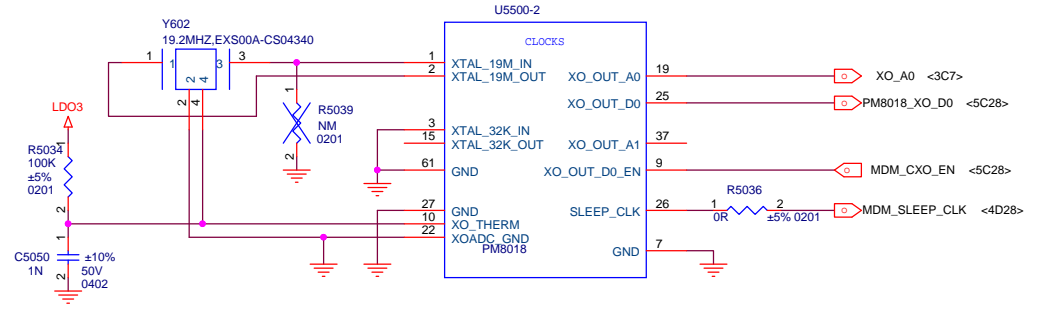
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PM8018 : CONTROL

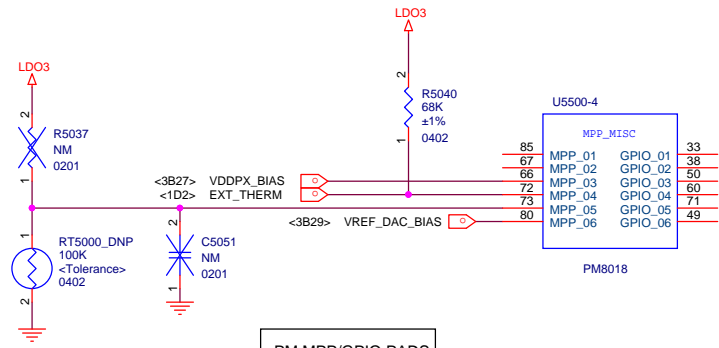
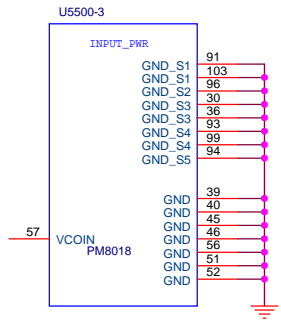


PM8018 : CLOCKS



PM8018 : GPIO AND MPPS

PM8018 : GND

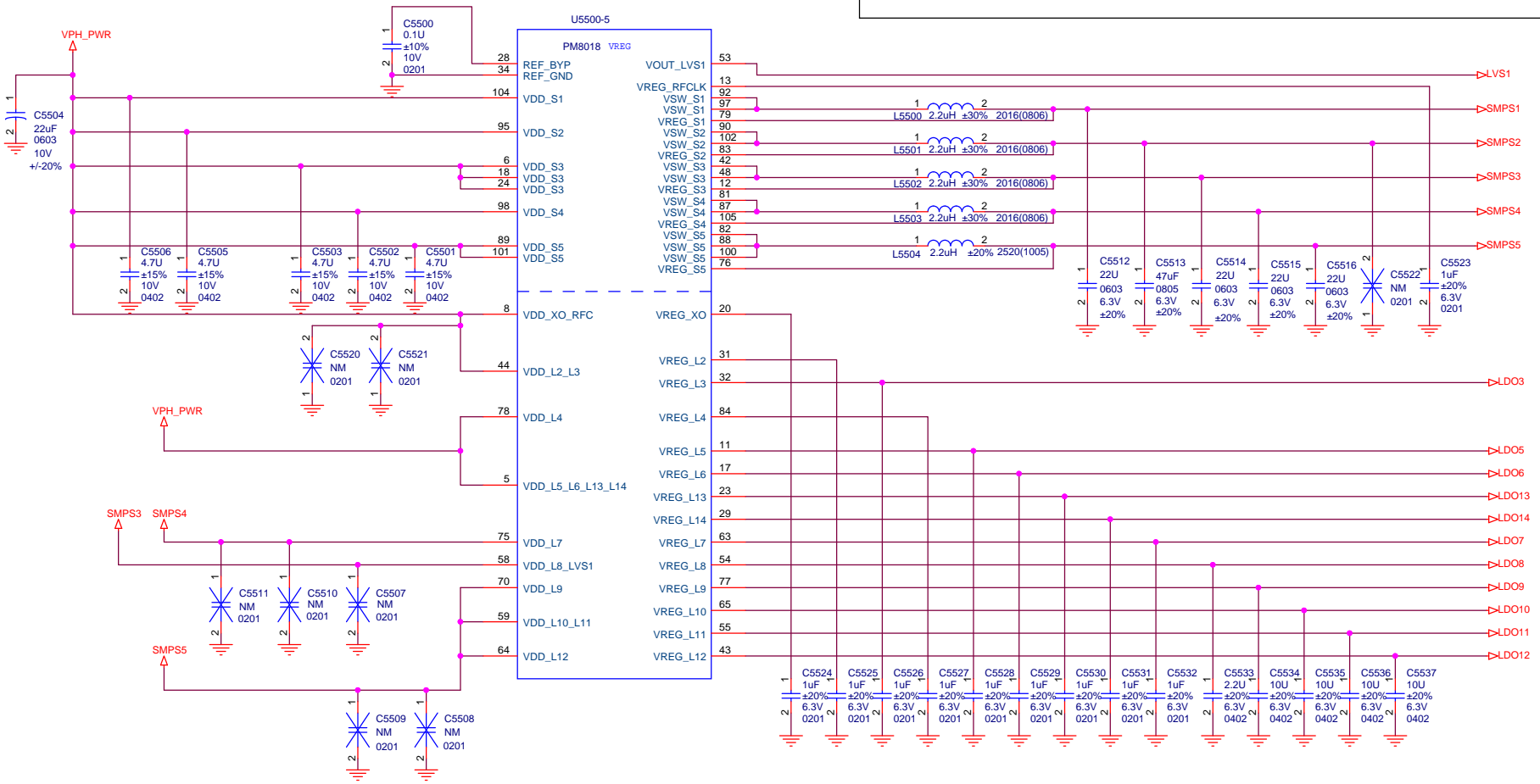


PM MPP/GPIO PADS	
LDO6	1.8/2.85V
LDO5	1.8/2.85V
SMPS3	1.8V
LDO14	2.85V
LDO2	1.8V
LDO4	3.075V
VDD_L4	VBATT

Title			<Title>
Size	Document Number		Rev
A3	<Doc>		A
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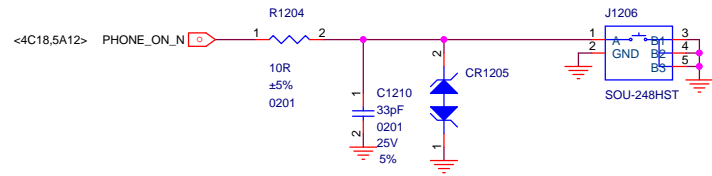
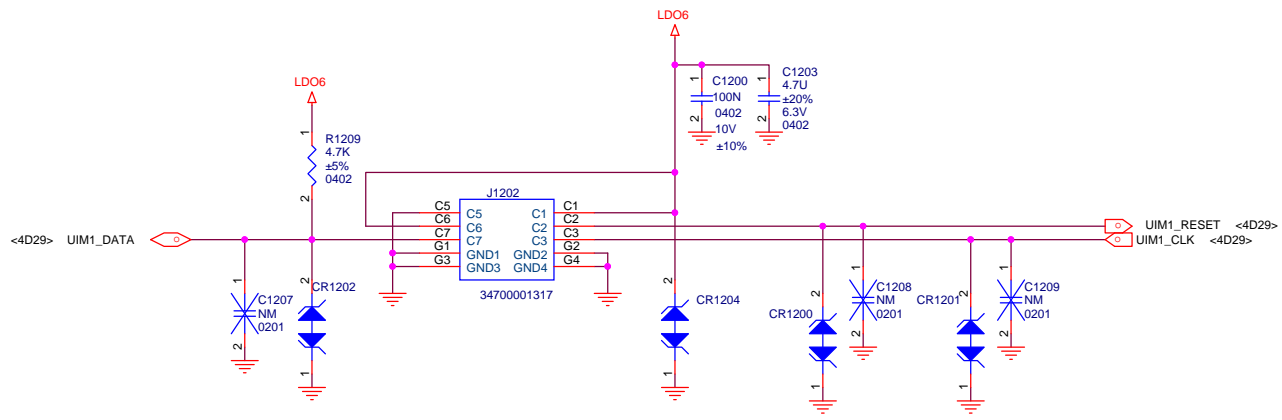
PM8018 REGULATORS

For S1-S4: Primary SMPS Inductor: Cyntec 2016 1.0mm height 2.2uH
 Alternative SMPS Inductor: TOKO 2016 1.2mm height 2.2uH
 For S5: TDK 2520 1.0mm. 2.2uH, TFM252010A or equivalent.



PM8018 : VREGS

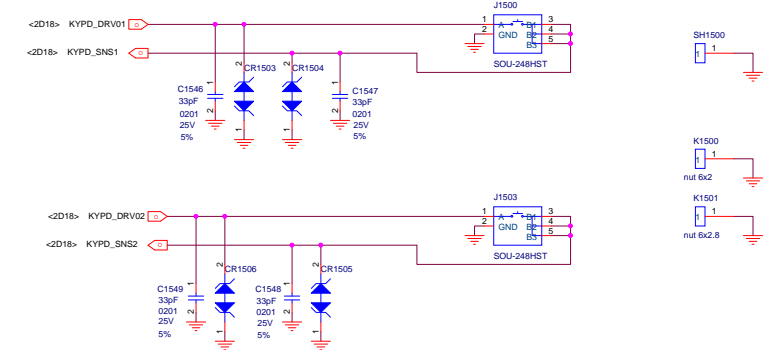
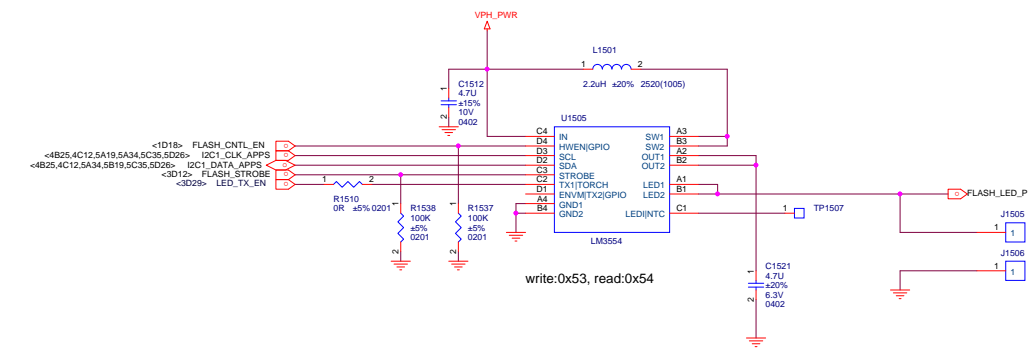
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Size	Document Number	Rev
A3	<Doc>	A
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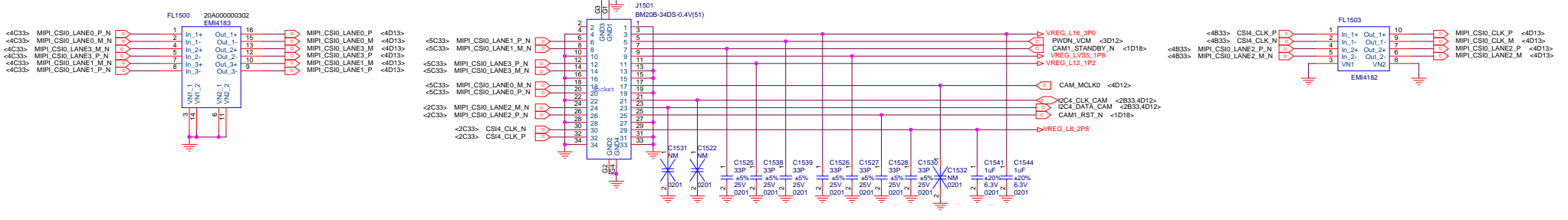
SD&SIM CONNECTOR

XIAO MI		
File MI-ONE		
Size A3	Document Number SD&SIM CONNECTOR	Rev A
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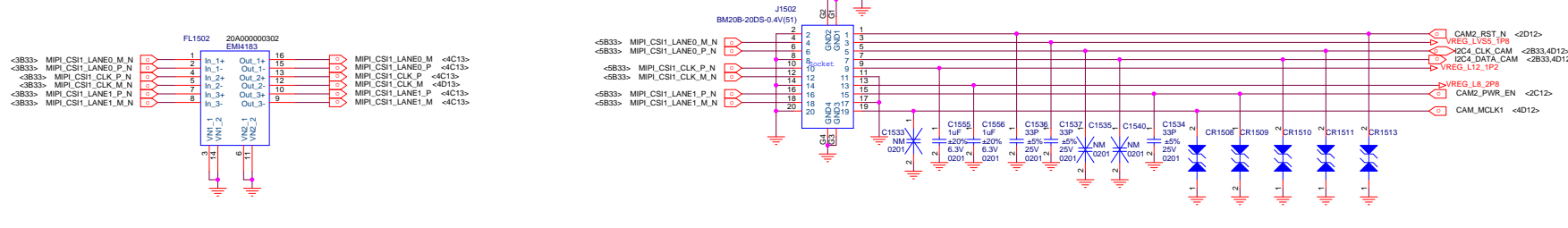
Flash



REAR CAMERA

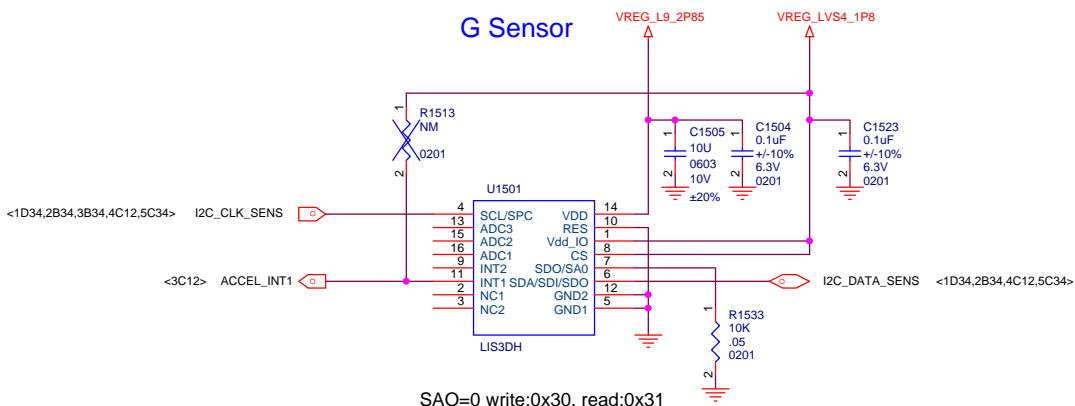


FRONT CAMERA

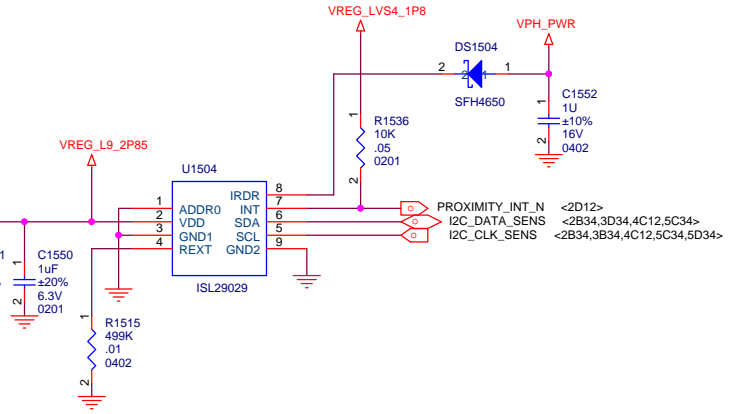


CAMERA			
XIAO MI			
File	MI-ONE		
Size	Document Number	Rev	
A2	AUXIO	A	
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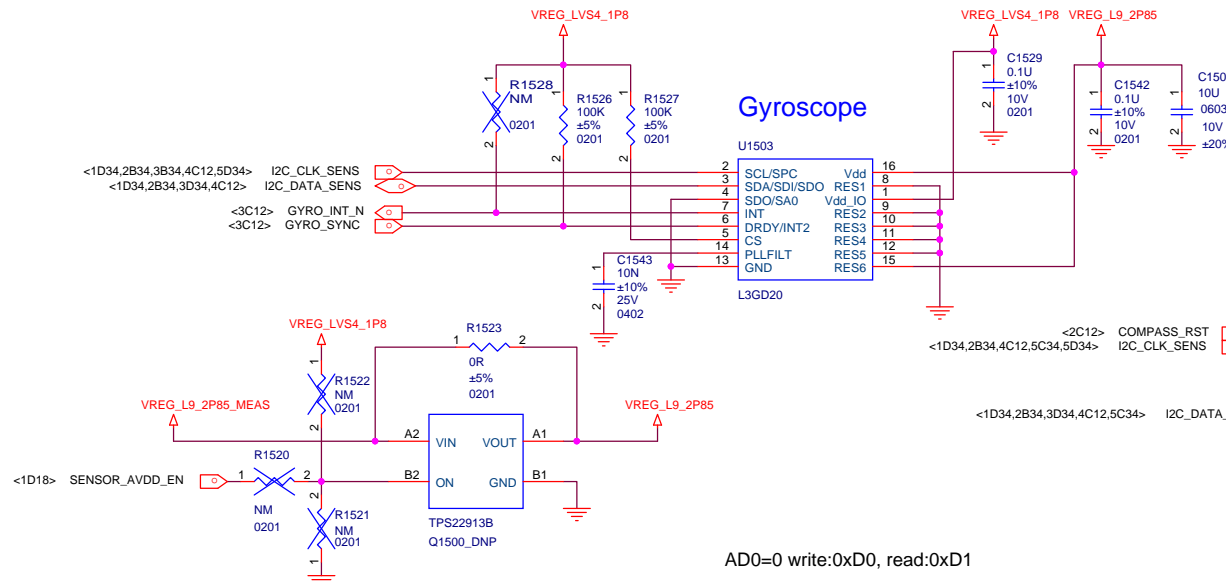
G Sensor



SAO=0 write:0x30, read:0x31

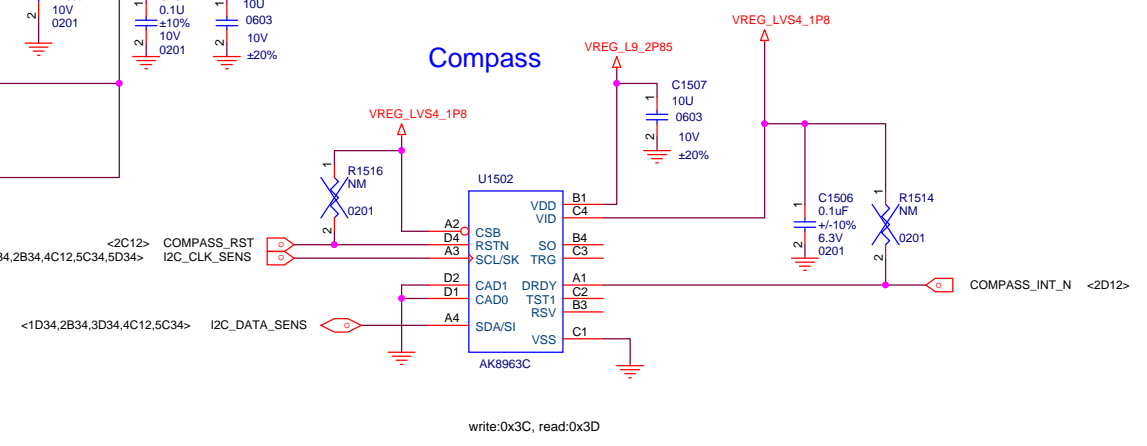


Gyroscope



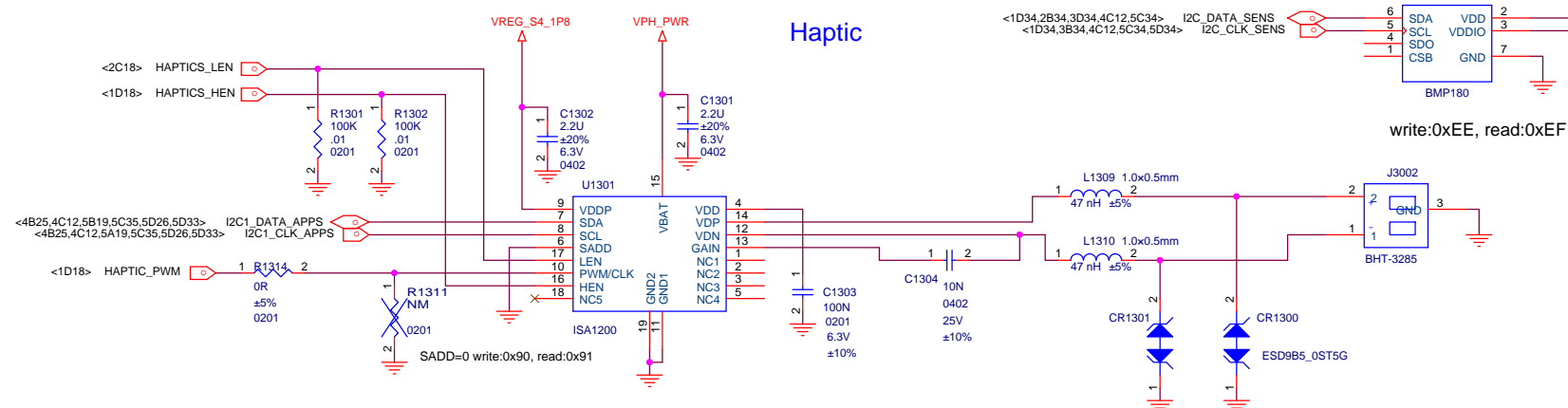
AD0=0 write:0xD0, read:0xD1

Compass



write:0x3C, read:0x3D

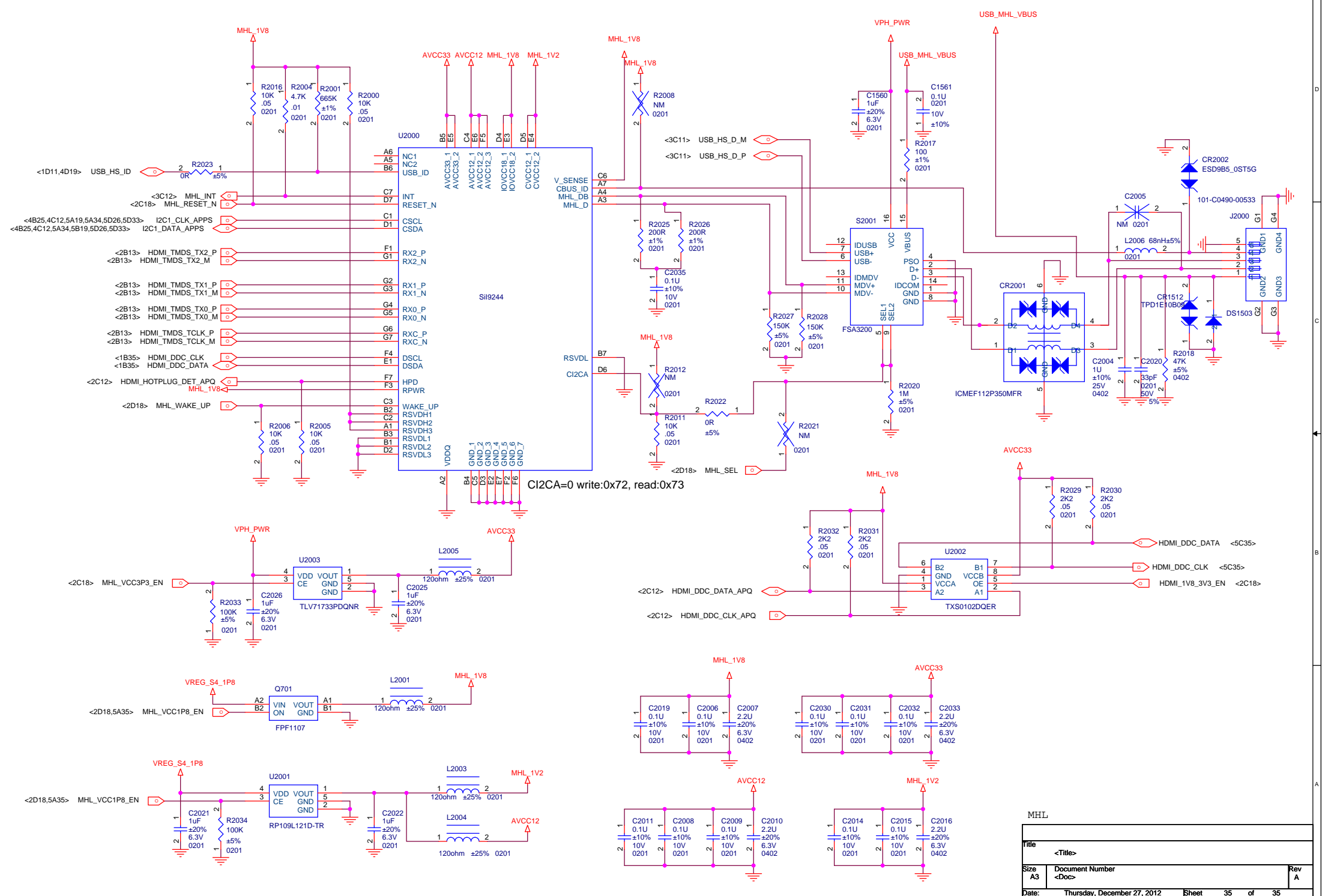
Haptic



SADD=0 write:0x90, read:0x91

write:0xEE, read:0xEF

SENSOR		
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MHL			
File	<Title>		
Size	Document Number	Rev	
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