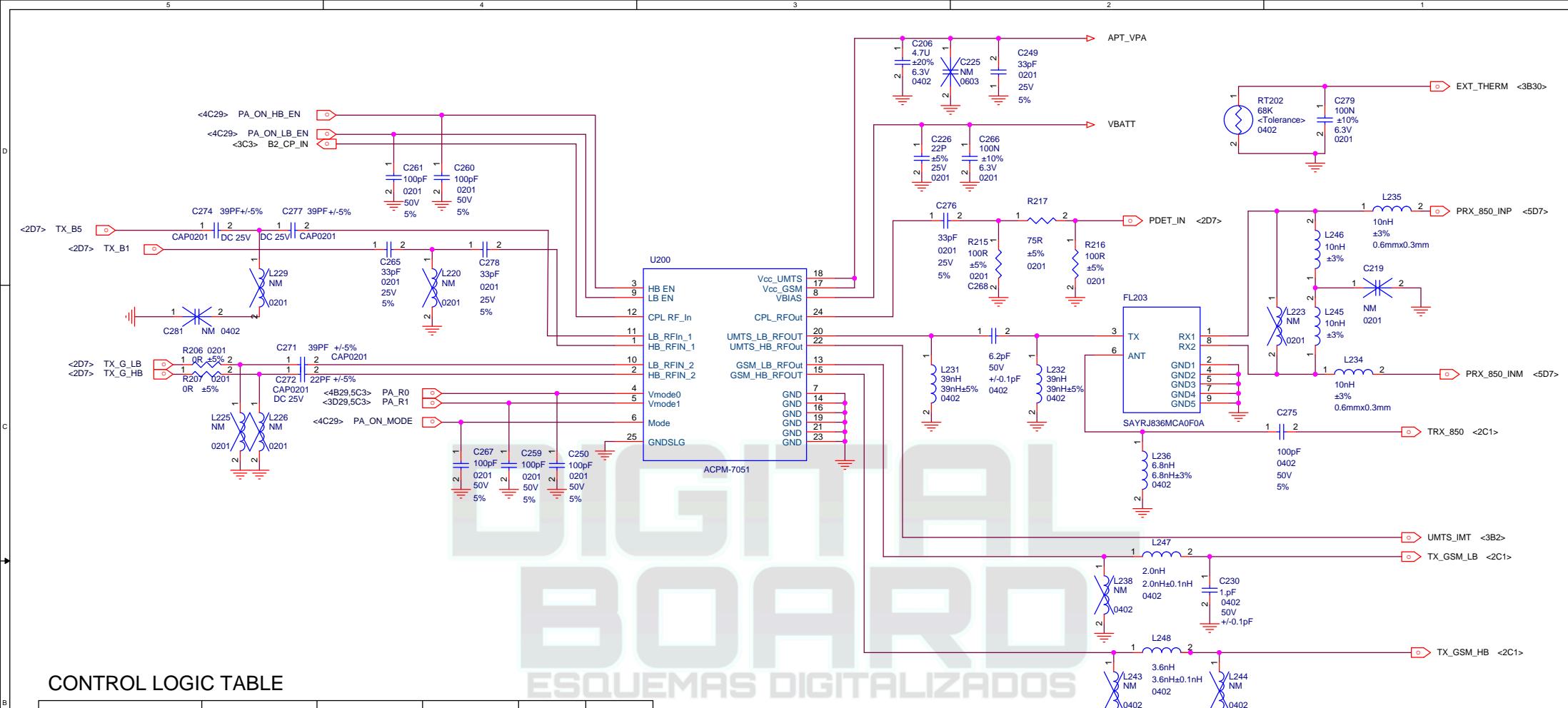


PRIMARY SWITCH(SP10T) LOGIC

MODE	SW_SEL3	SW_SEL2	SW_SEL1	SW_SELO
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

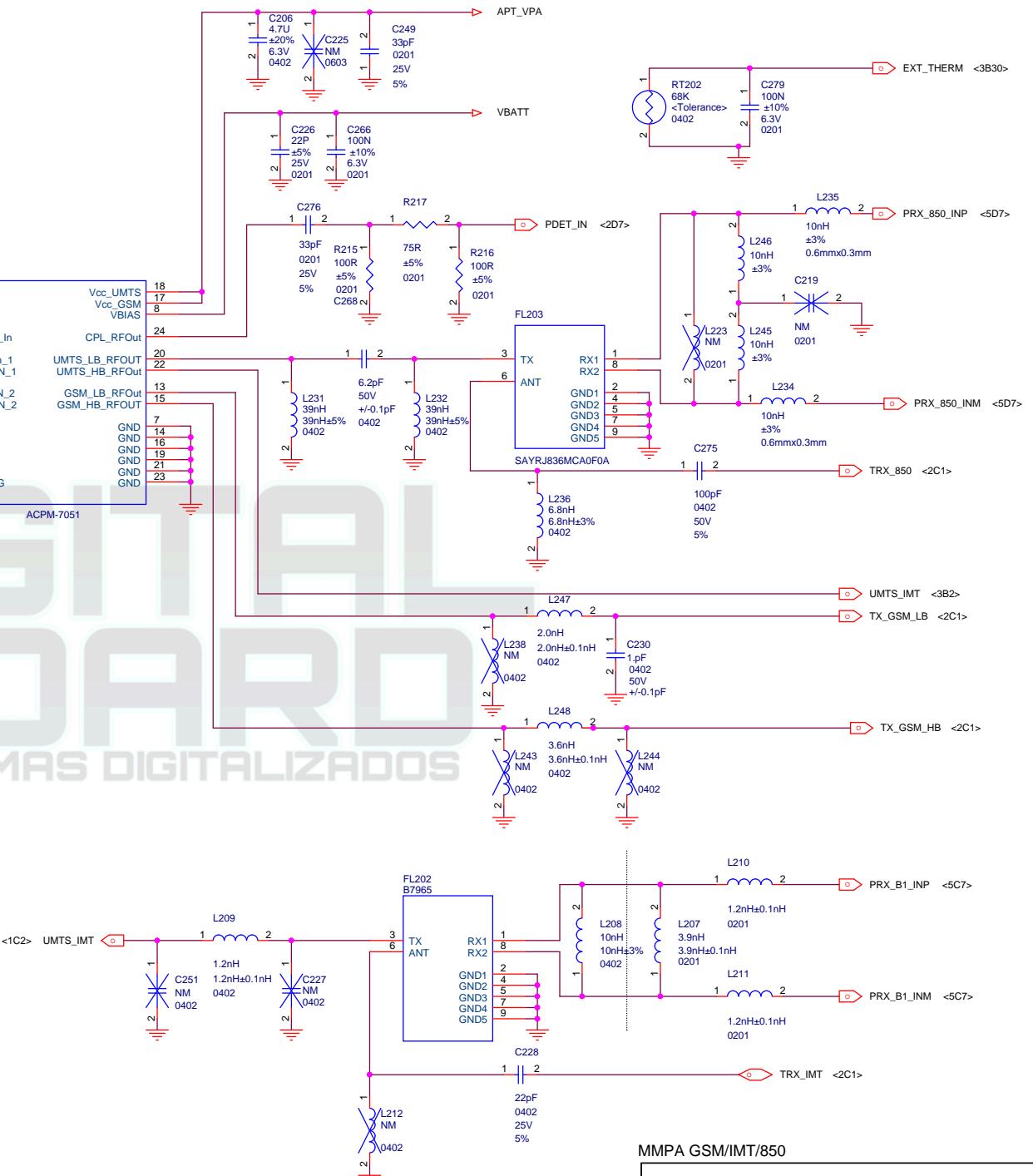
RF SWITCH/GSM-HB-RX

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Size	Document Number
A3	<Doc>
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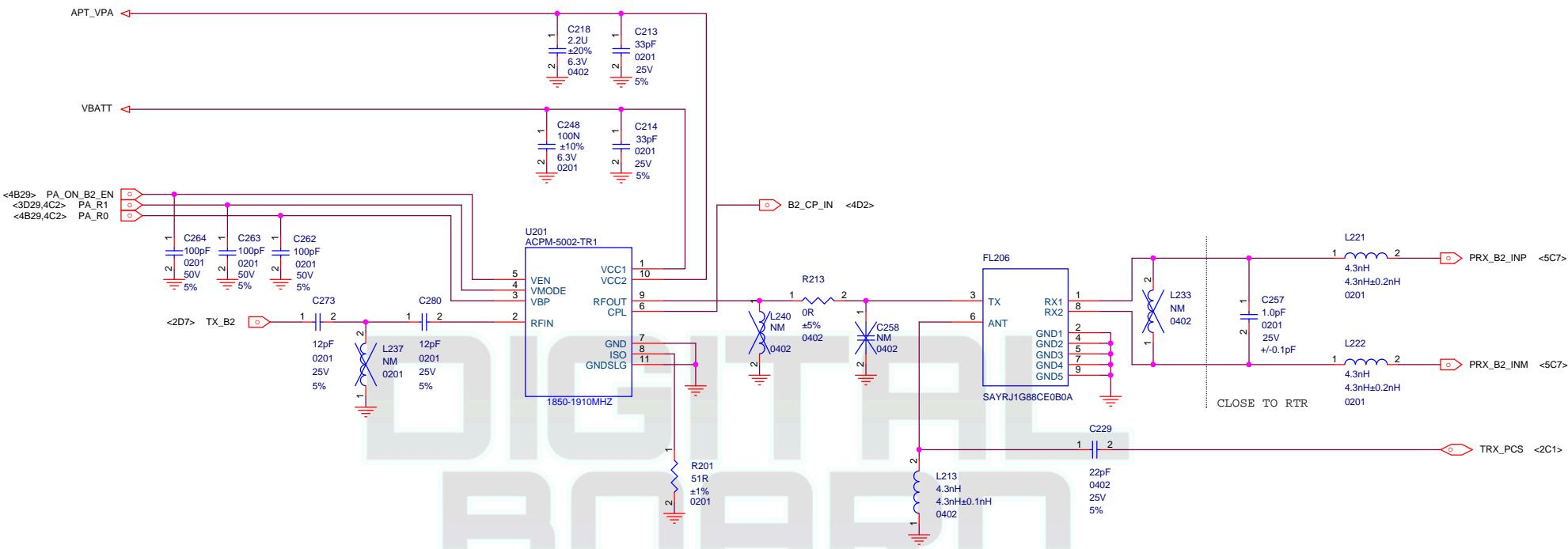
CONTROL LOGIC TABLE

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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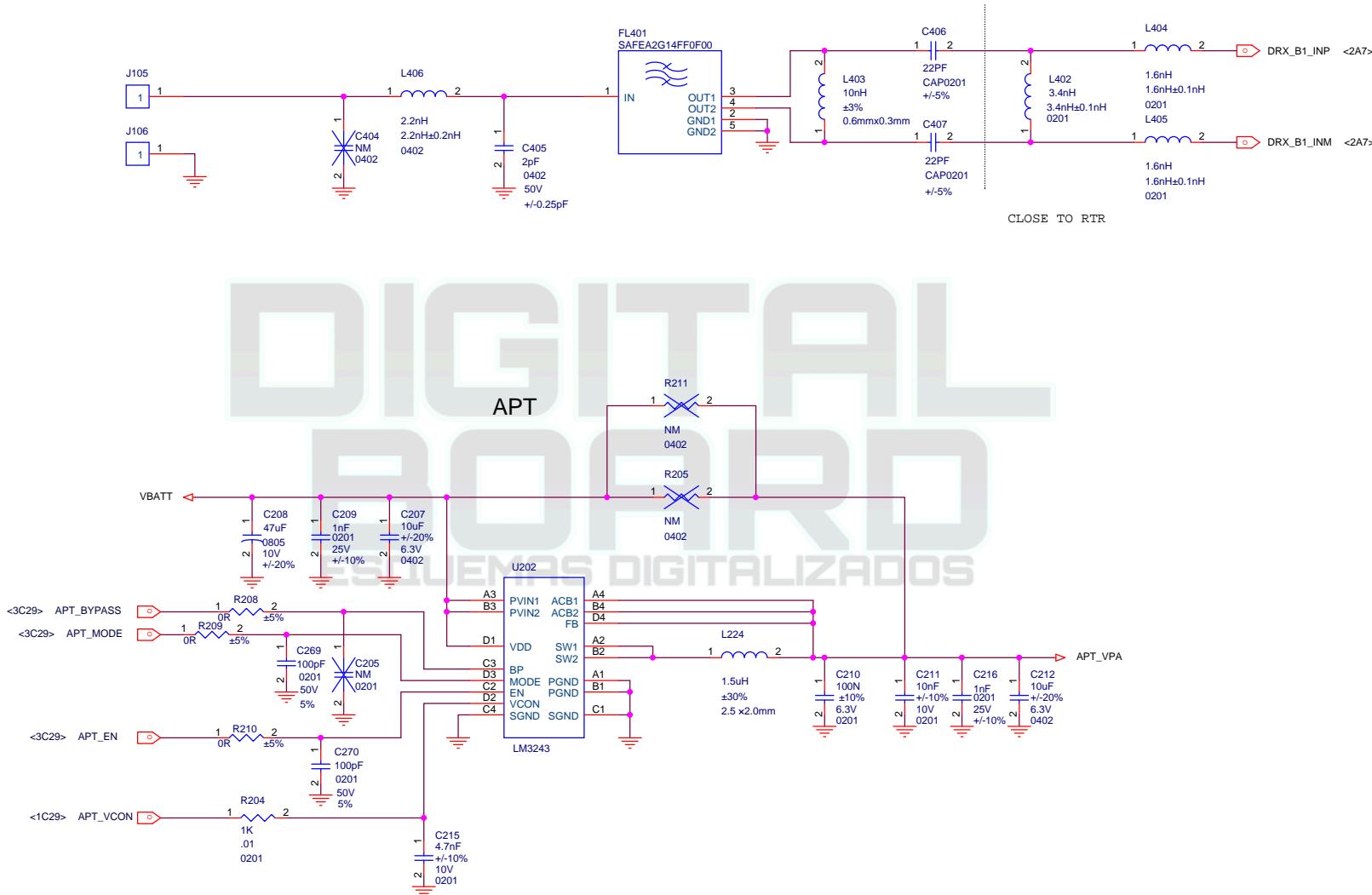


PA LOGIC

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

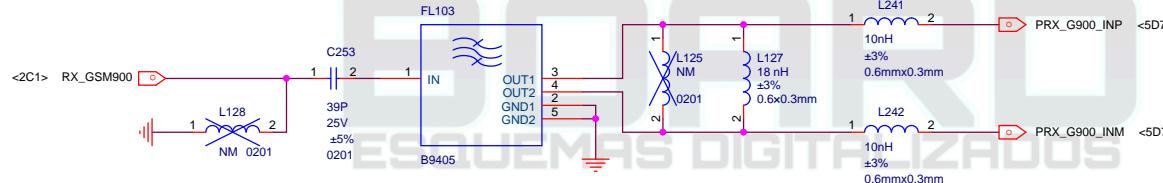
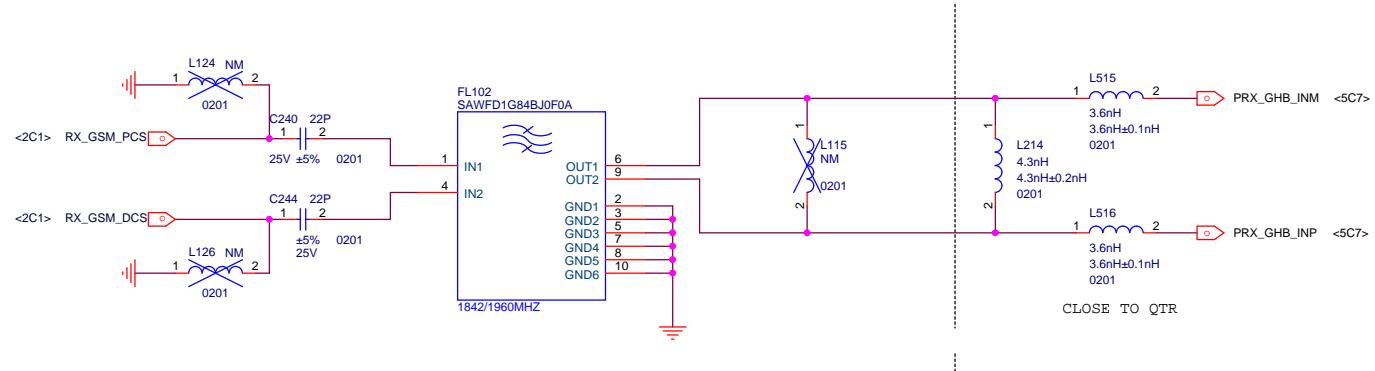
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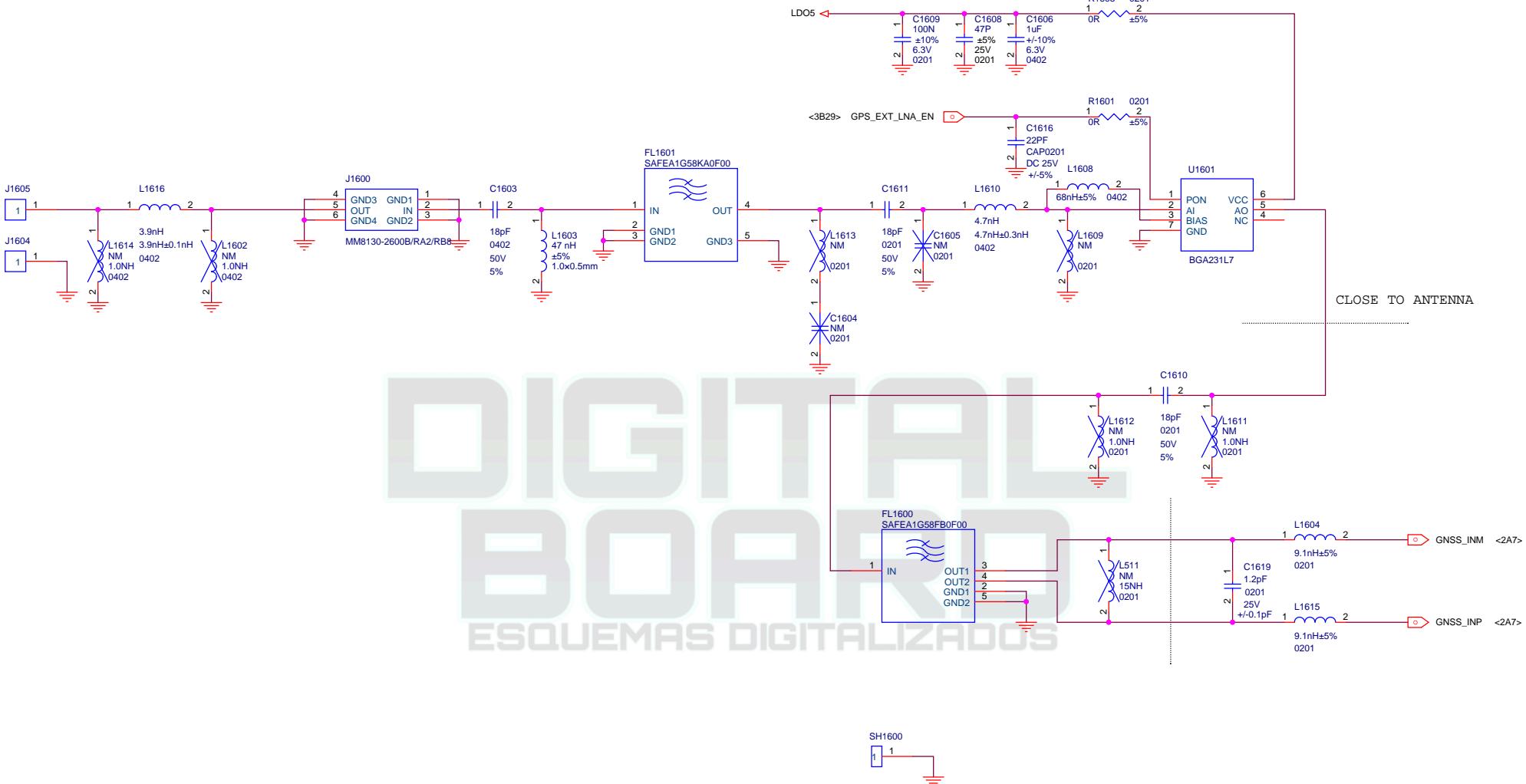


DIVERSITY RF FRONT END

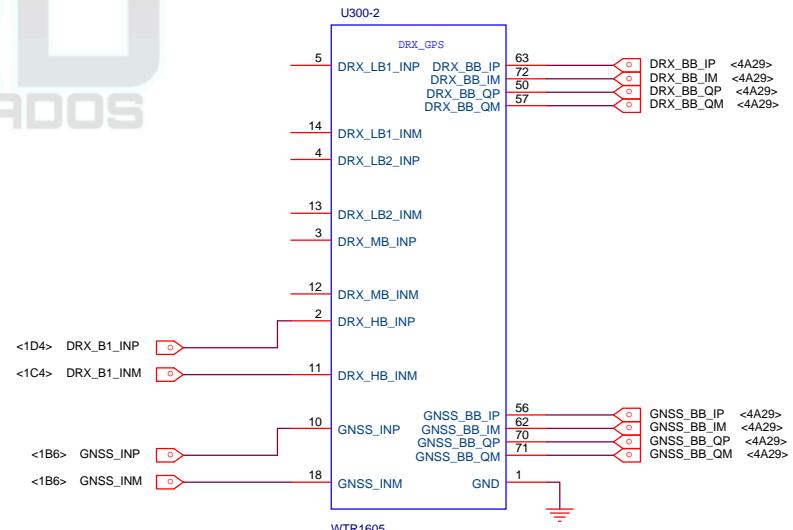
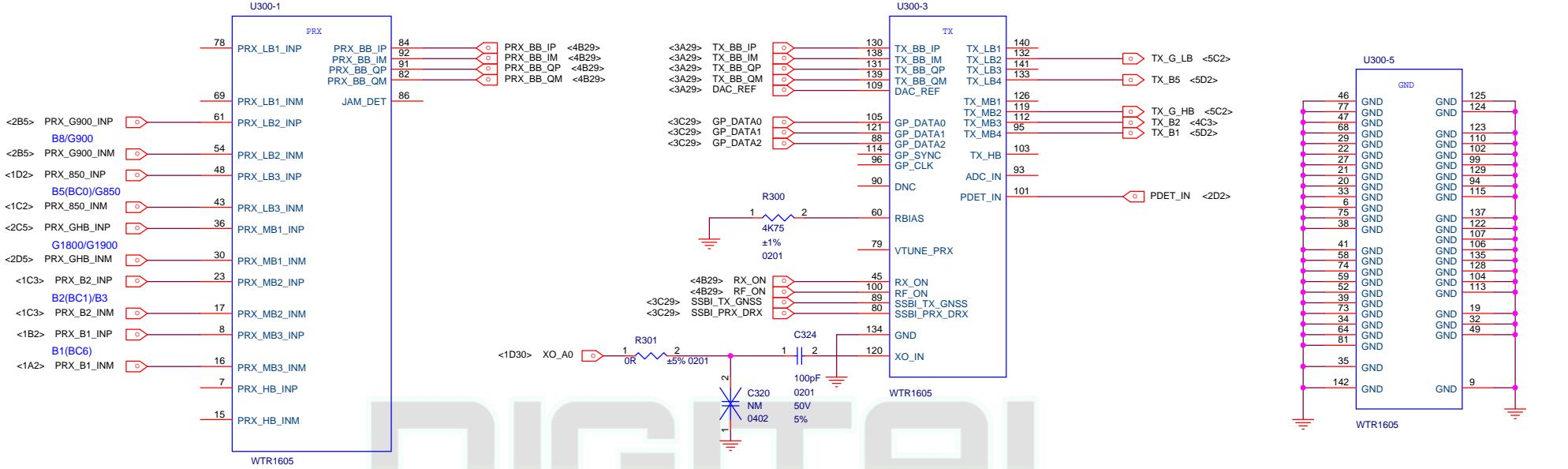
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GSM_RX			
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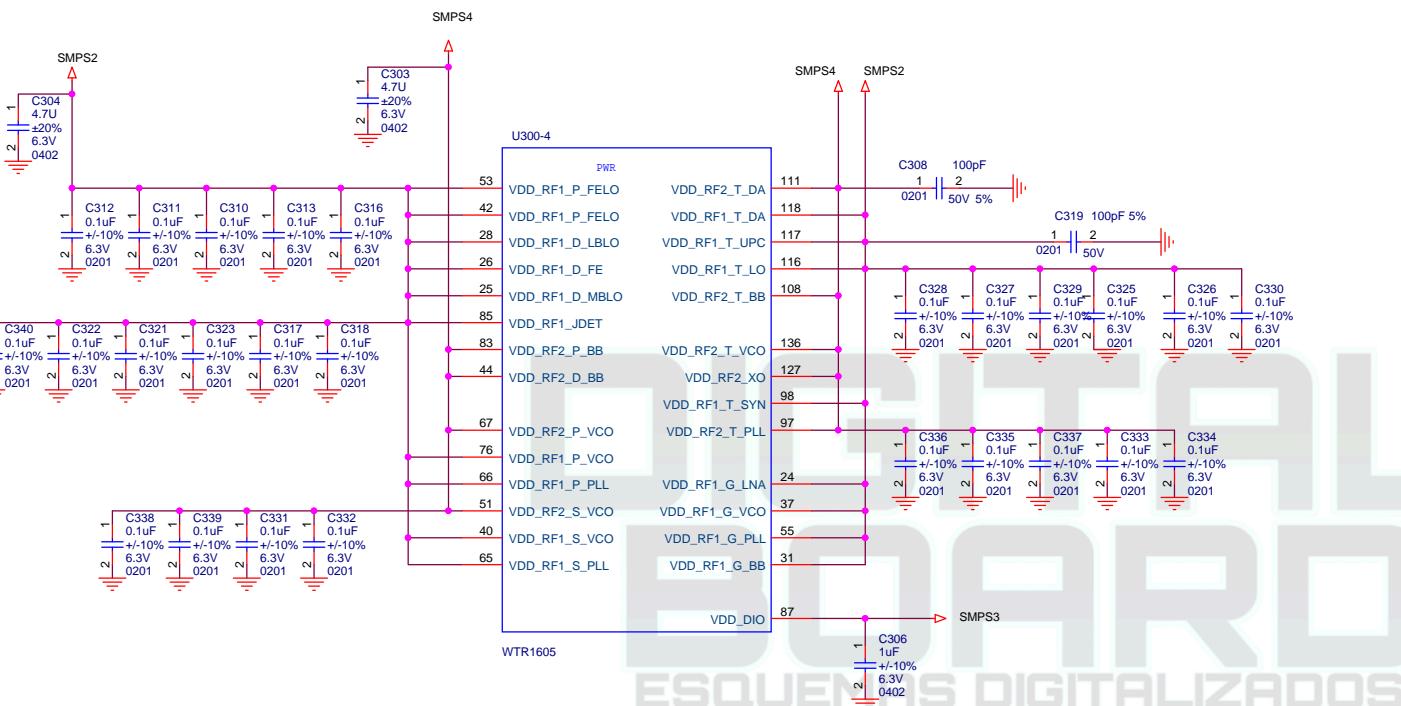


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RTR8600

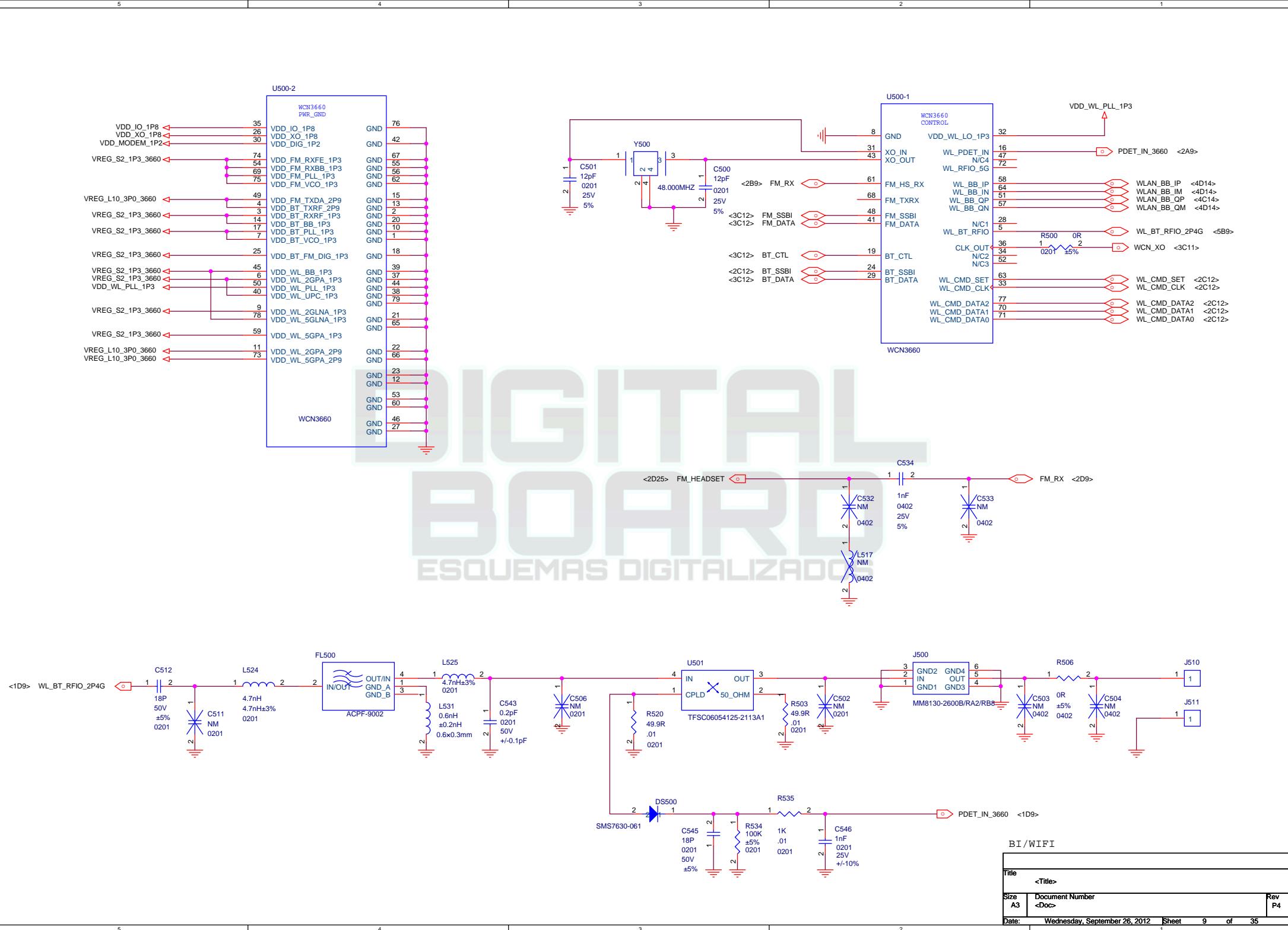
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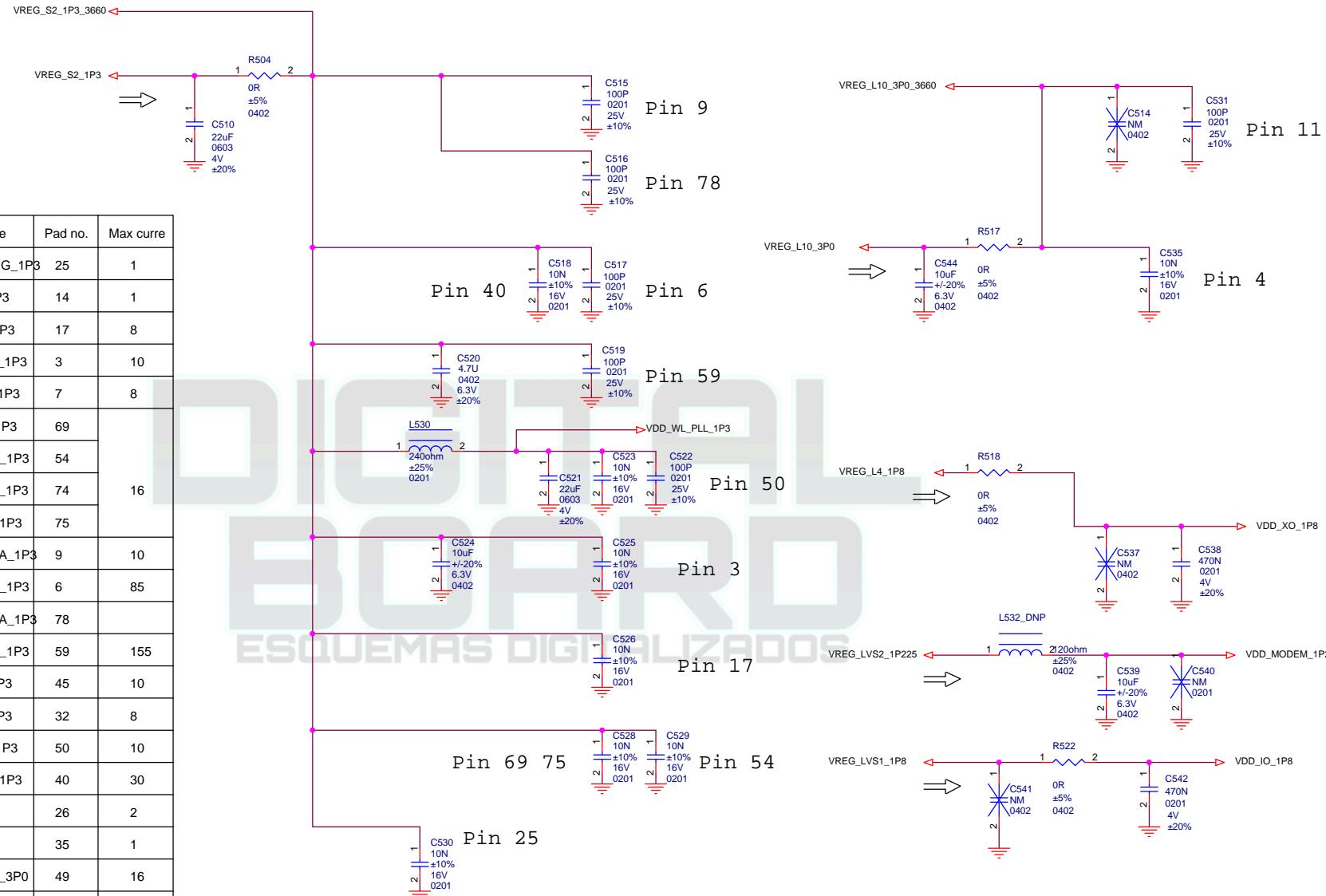
GROUP	NAME	PIN	NET
1	VDD_RF2_D_BB	44	SMPS4
2	VDD_RF2_T_DA	111	
3	VDD_RF2_P_BB VDD_RF2_T_BB	83 108	
4	VDD_RF2_P_VCO VDD_RF2_S_VCO VDD_RF2_T_VCO	67 51 136	
5	VDD_RF2_T_PLL	97	
6	VDD_RF2_XO	127	
7	VDD_RF1_P_PLL VDD_RF1_S_PLL VDD_RF1_P_VCO VDD_RF1_S_VCO	66 65 76 40	
8	VDD_RF1_T_DA	118	
9	VDD_RF1_T_SYN VDD_RF1_T_LO VDD_RF1_T_UPC	98 116 117	
10	VDD_RF1_P_FELO VDD_RF1_D_FE	53 26	
11	VDD_RF1_P_FELD	42	
12	VDD_RF1_D_LBLO VDD_RF1_D_MBLO	28 25	
13	VDD_RF1_JDET	85	
14	VDD_RF1_G_LNA VDD_RF1_G_BB VDD_RF1_G_PLL VDD_RF1_G_VCO	24 31 55 37	
15	VDD_DIO	87	SMPS3

RTR8600 BYPASS

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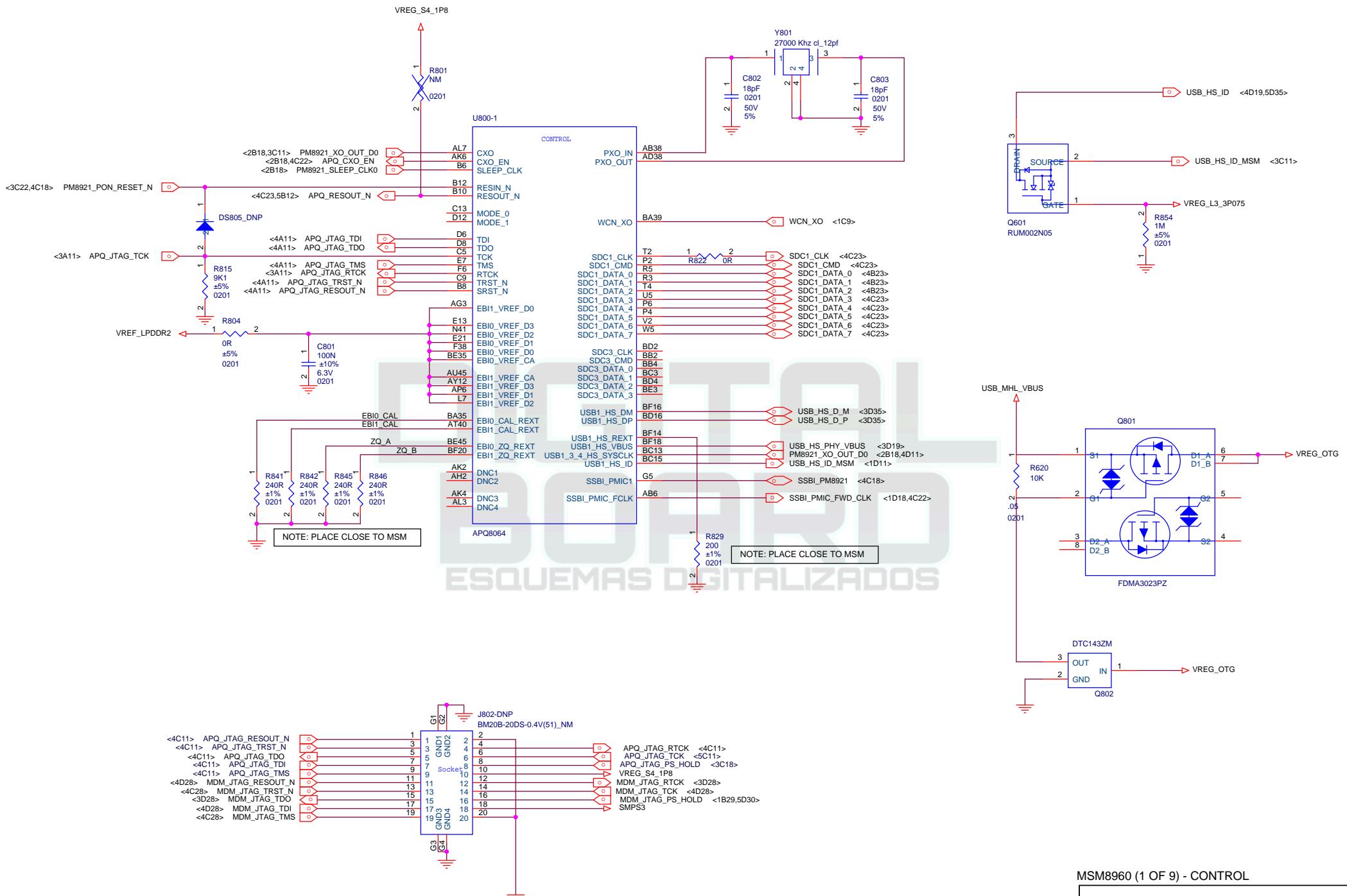


Voltage	Pad name	Pad no.	Max current
1P3	VDD_BT_FM_DIG_1P3	25	1
	VDD_BT_BB_1P3	14	1
	VDD_BT_PLL_1P3	17	8
	VDD_BT_RXRF_1P3	3	10
	VDD_BT_VCO_1P3	7	8
	VDD_FM_PLL_1P3	69	
	VDD_FM_RXBB_1P3	54	
	VDD_FM_RXFE_1P3	74	
	VDD_FM_VCO_1P3	75	
	VDD_WL_2GLNA_1P3	9	10
	VDD_WL_2GPA_1P3	6	85
	VDD_WL_5GLNA_1P3	78	
	VDD_WL_5GPA_1P3	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_RXRF_3P0	4	45
1P2	VDD_DIG_1P2	30	4



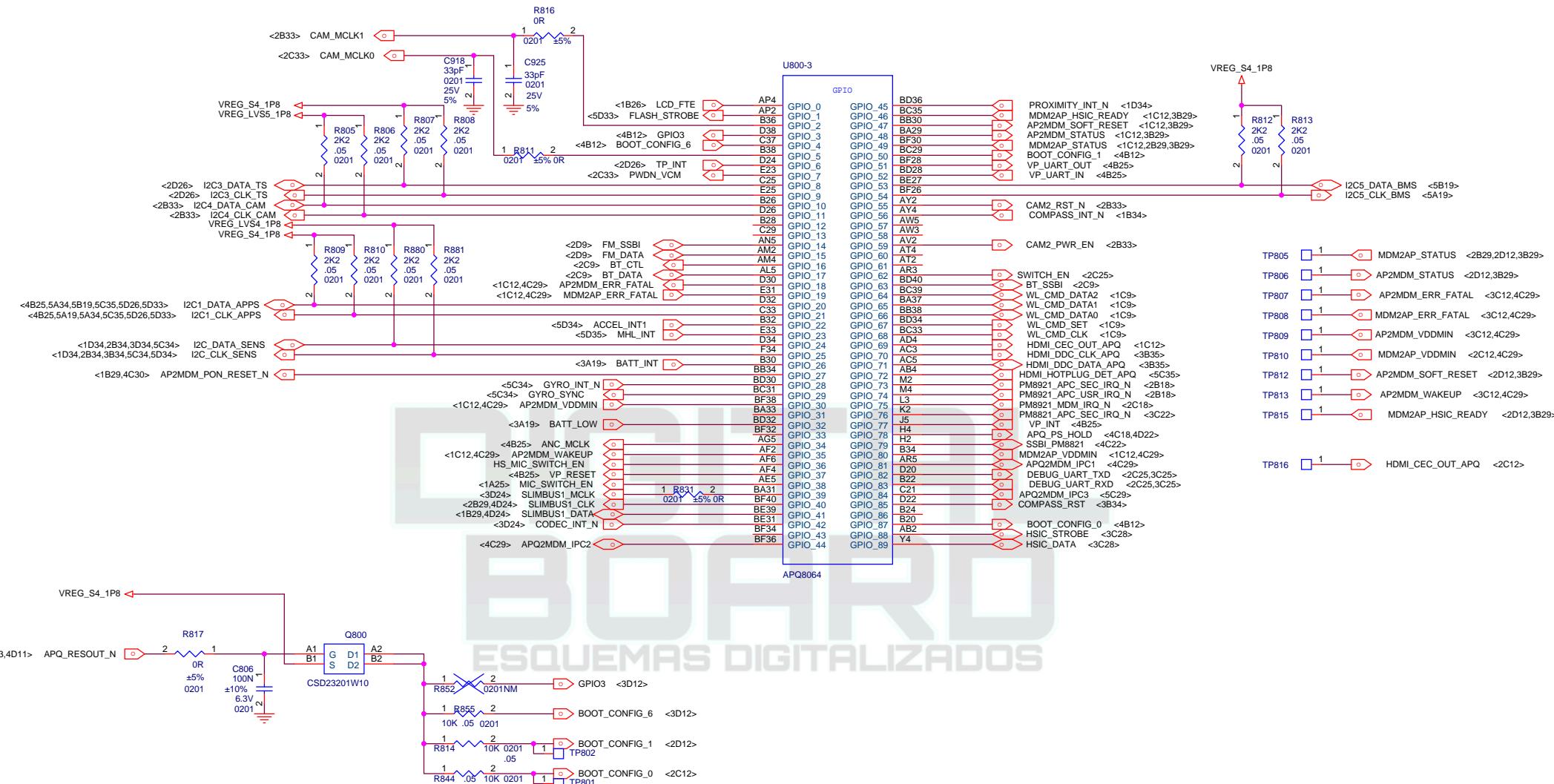
BT / FM / WLAN DECOUP

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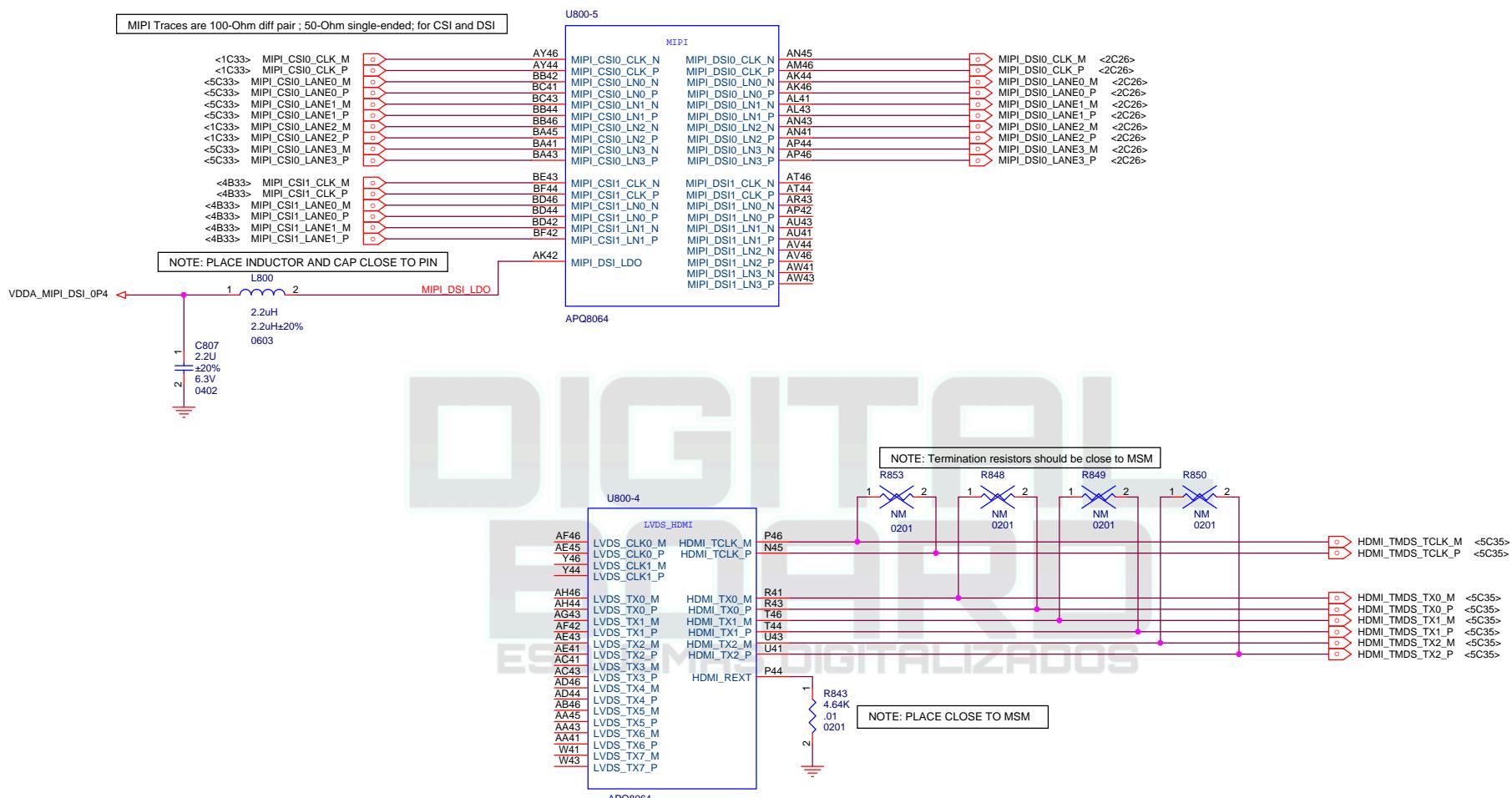
MSM8960 (1 OF 9) - CONTROL

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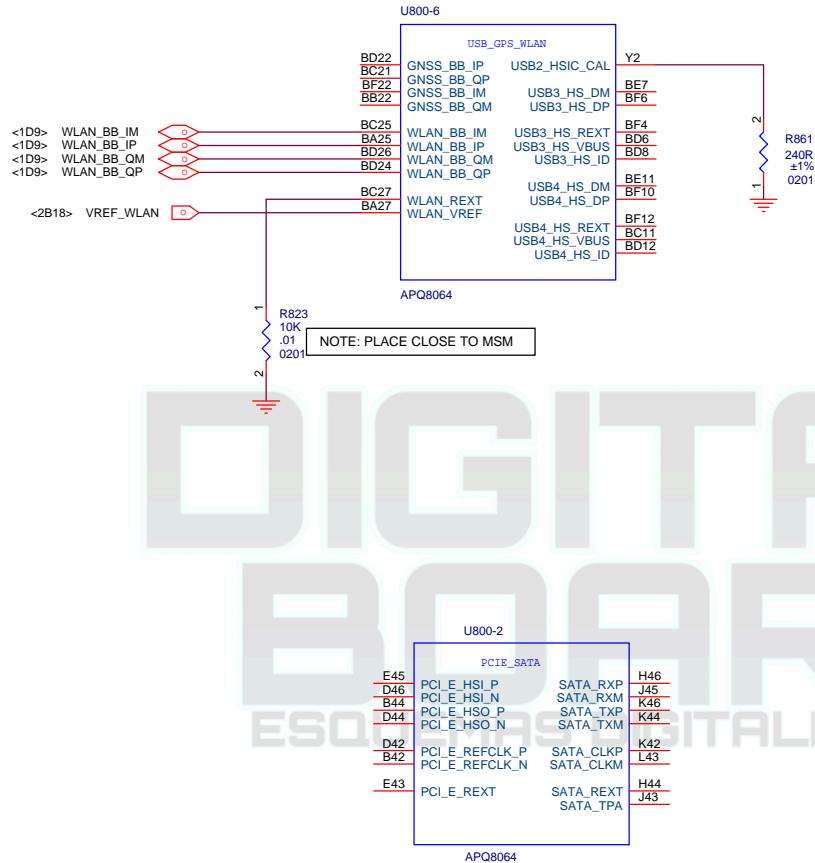
MSM8960 (2 OF 7) - GPIO

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

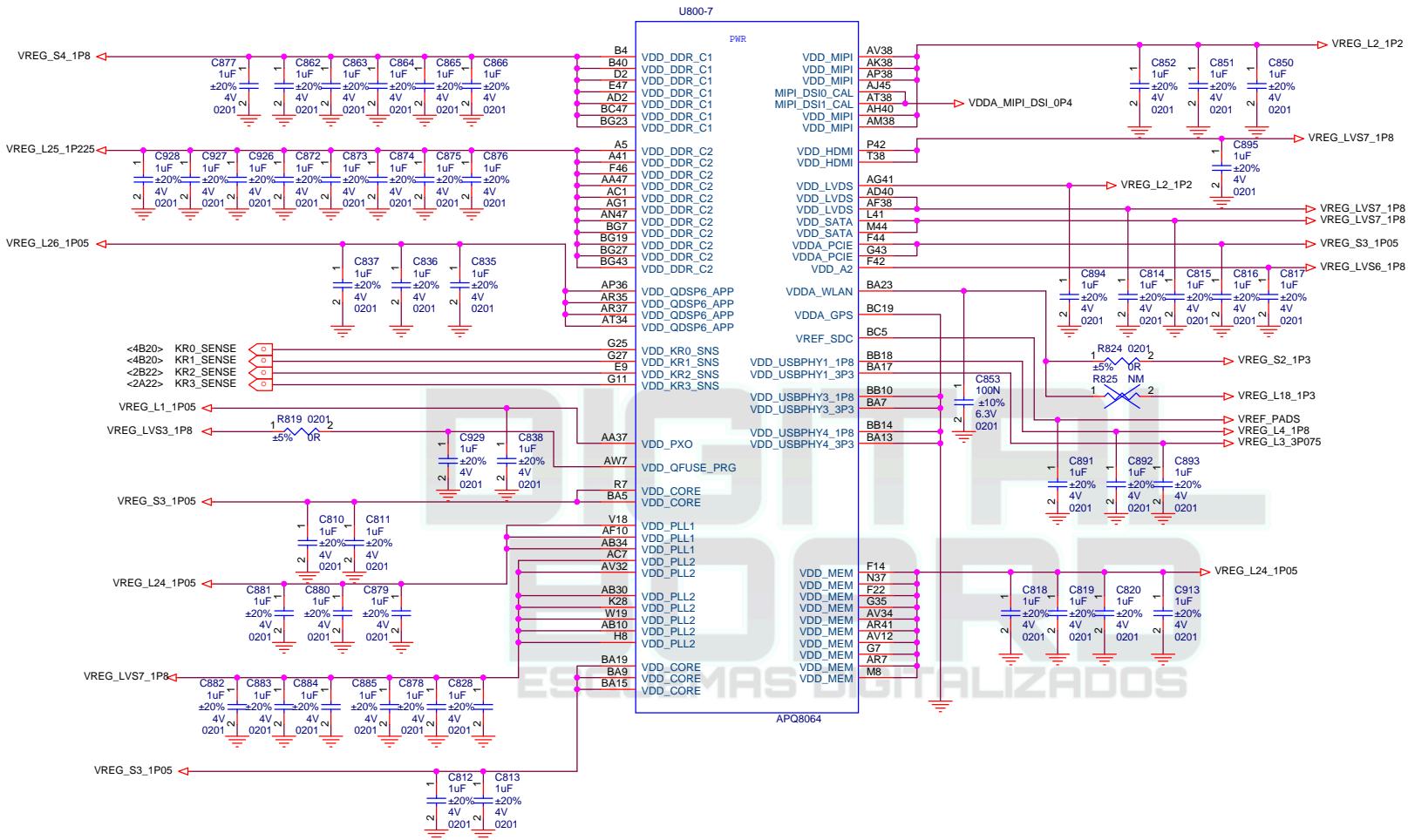
MSM8960 (S OF 7) - MSM8960 MIPI CSI,Camera and HDMI		
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MSM8960 (4 OF 7) - MSM8960 RF INTERFACE

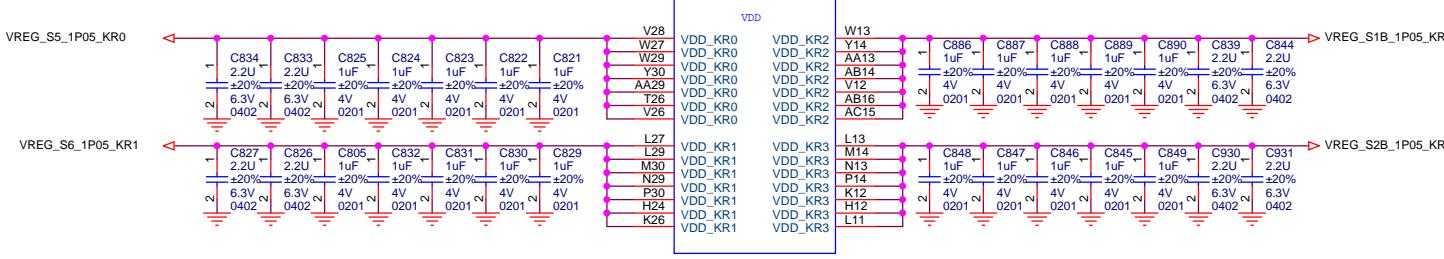
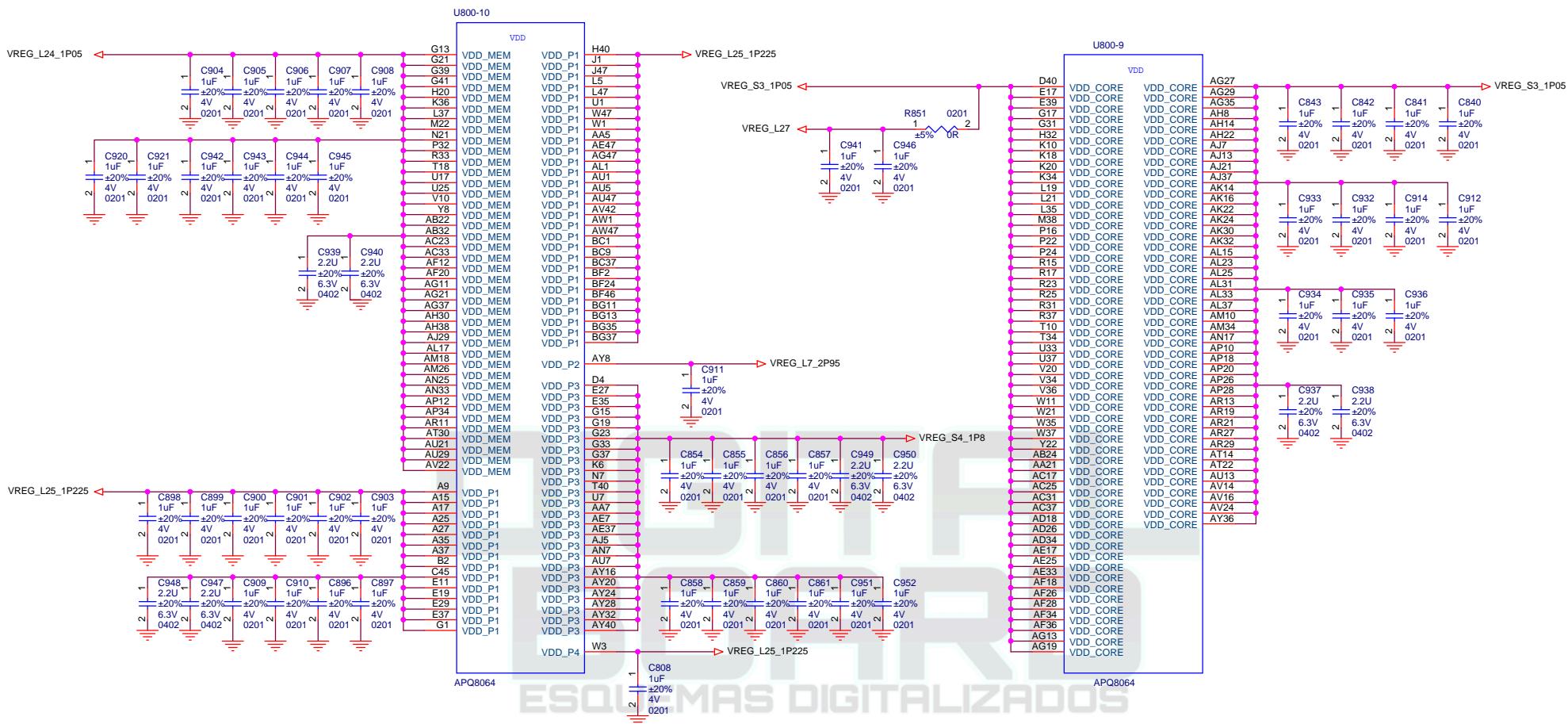
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DIGITAL BOARD
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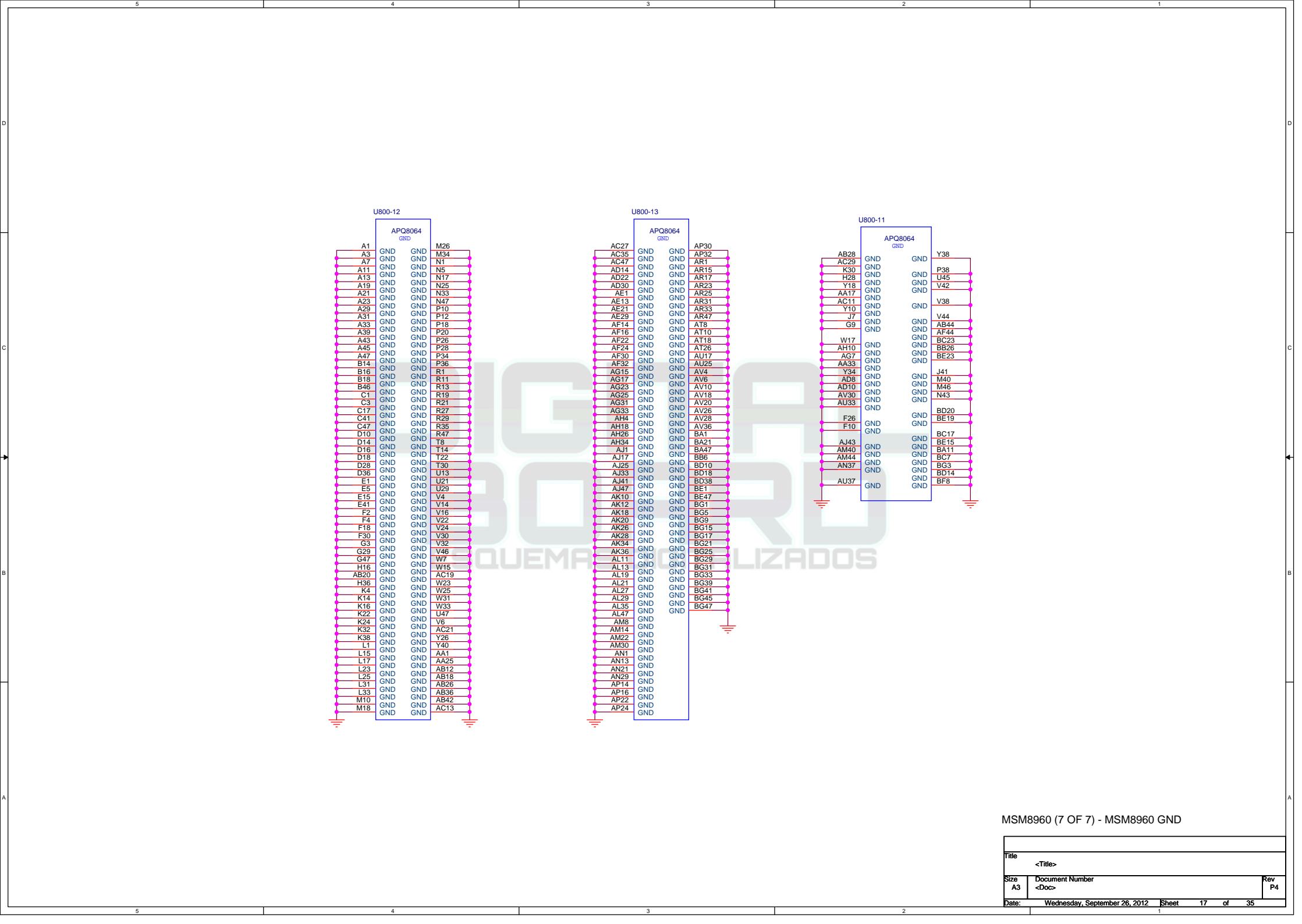
MSM8960 (5 OF 7) - MSM8960 POWER1

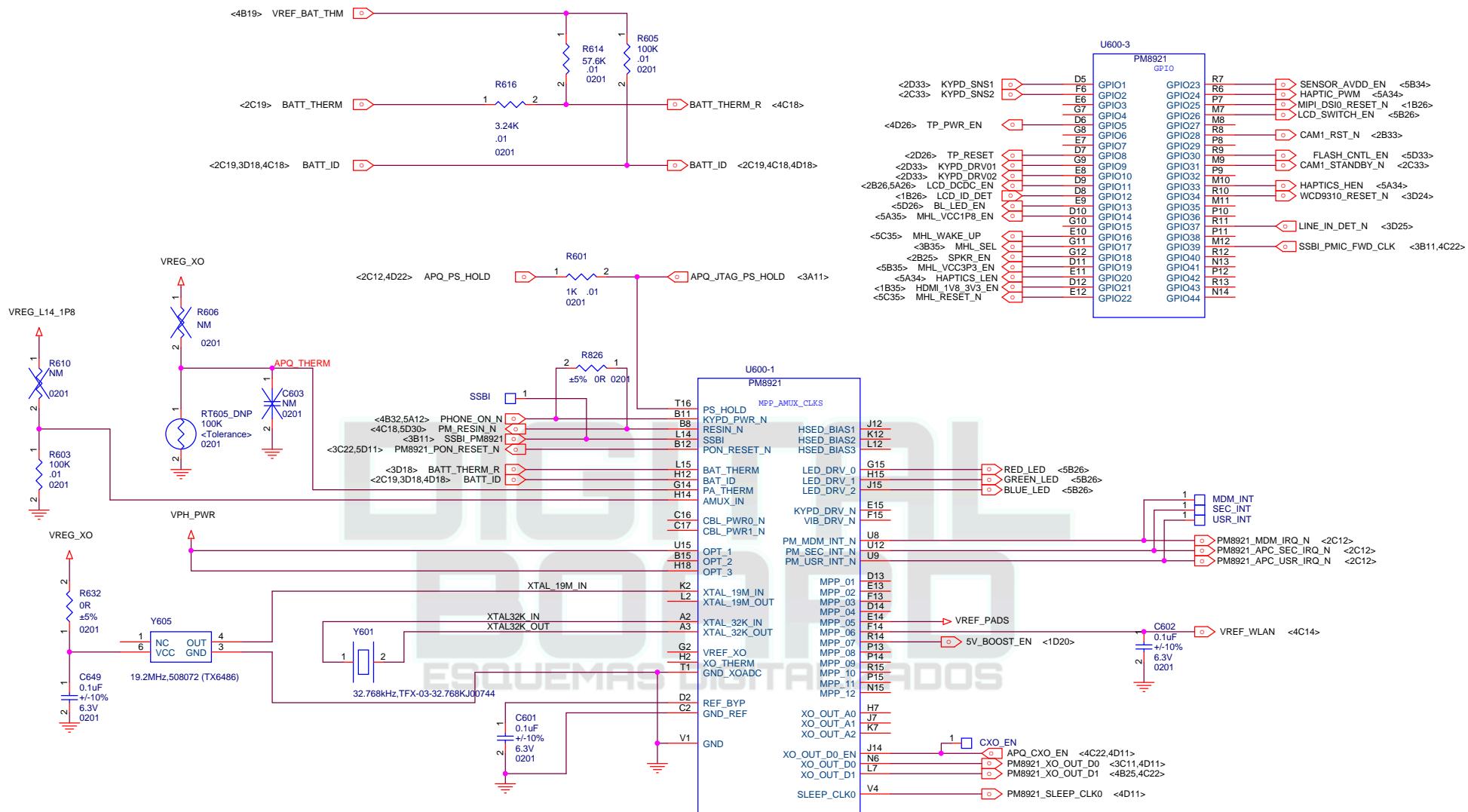
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MSM8960 (6 OF 7) - MSM8960 POWER1

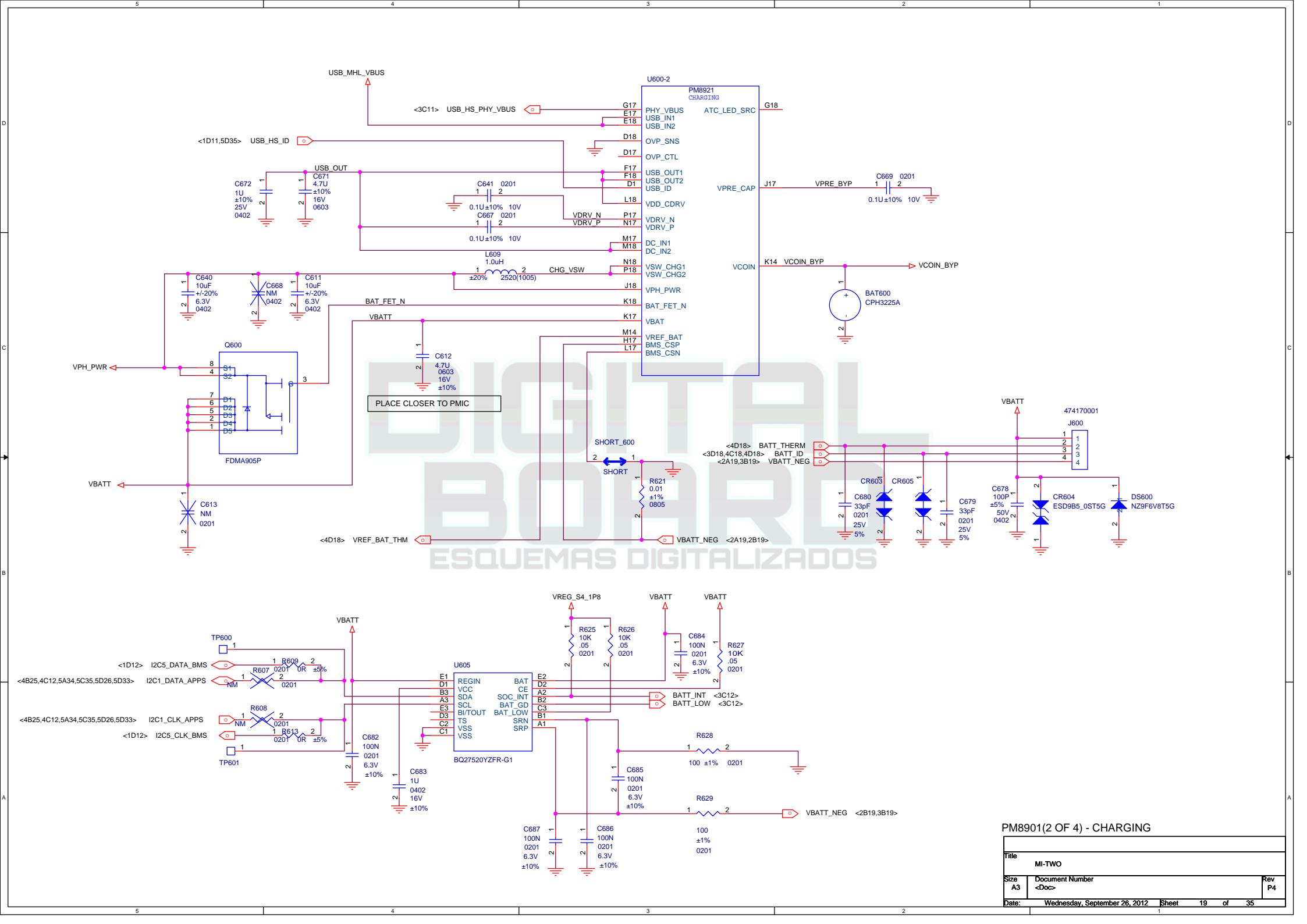
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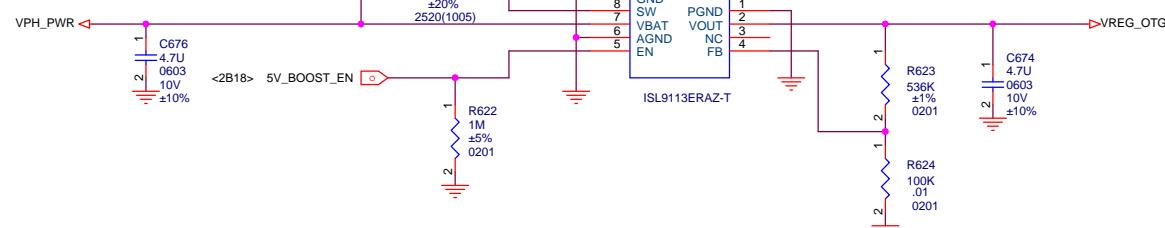
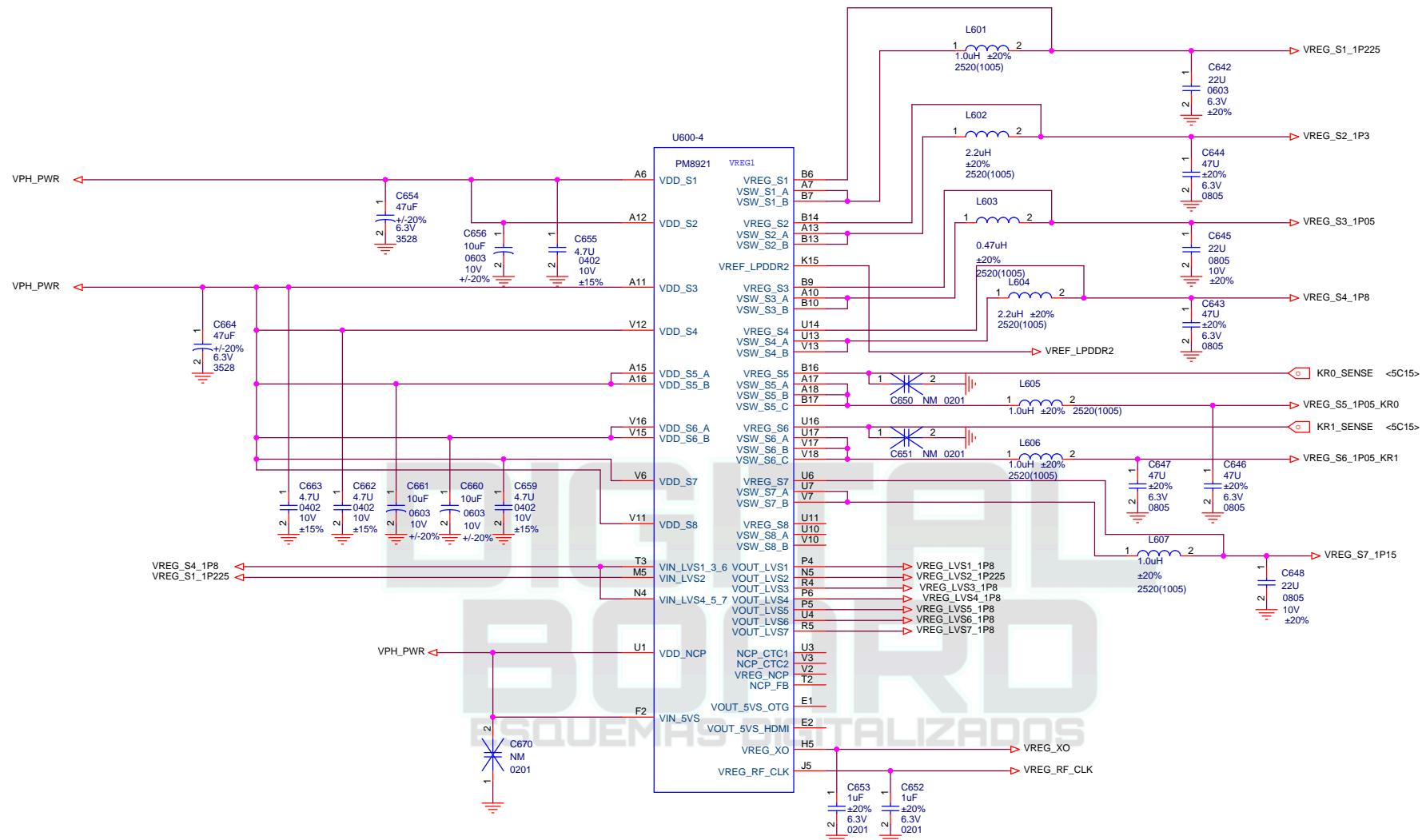
PM8921(1 OF 4)-AMUX,CLK,GPIO

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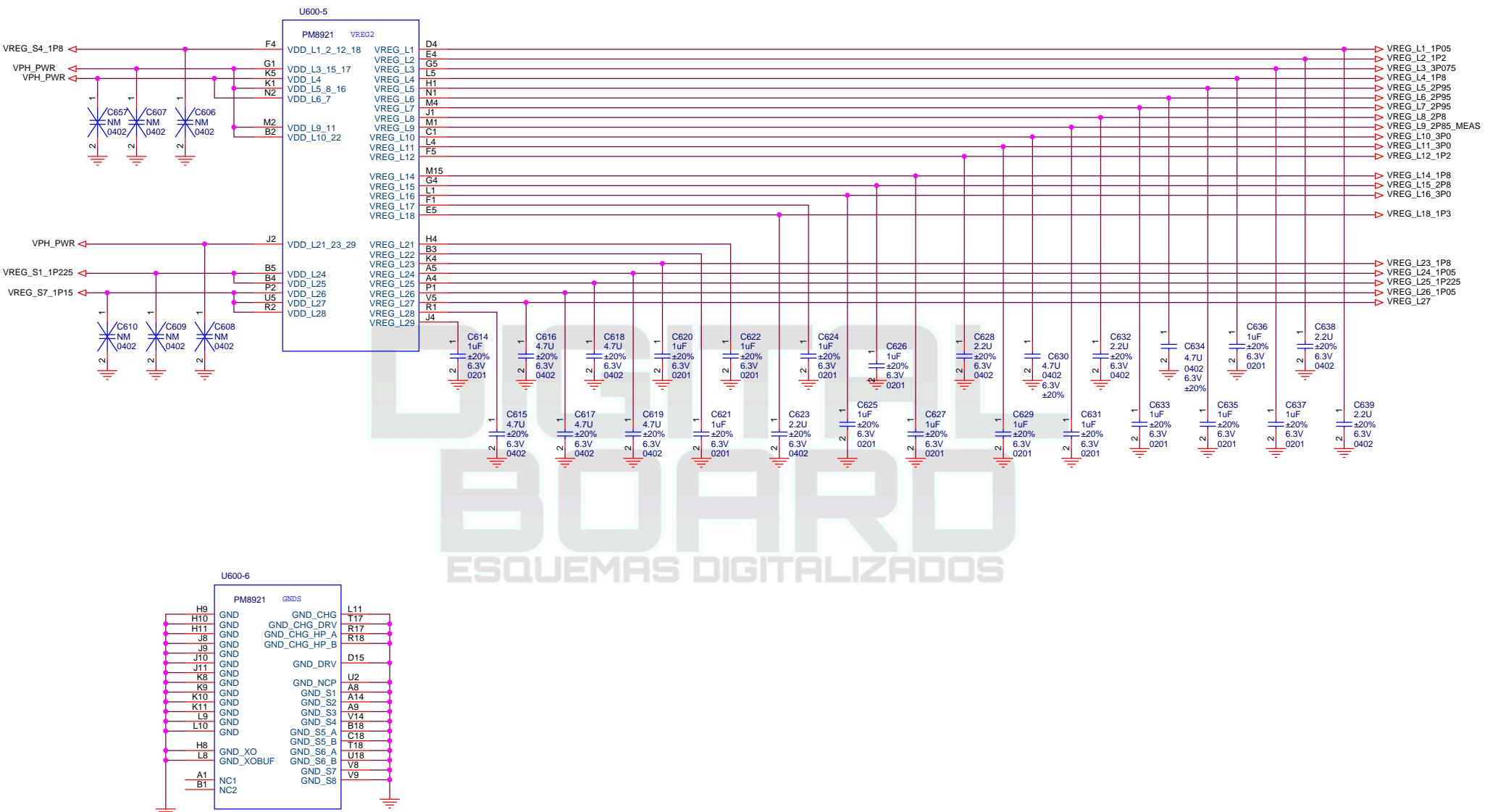
PM8901(2 OF 4) - CHARGING

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PM8921(3 OF 4) - SMPS

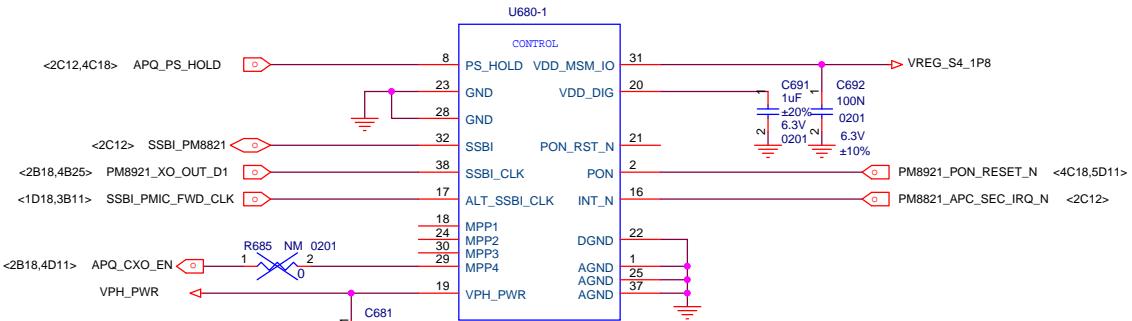
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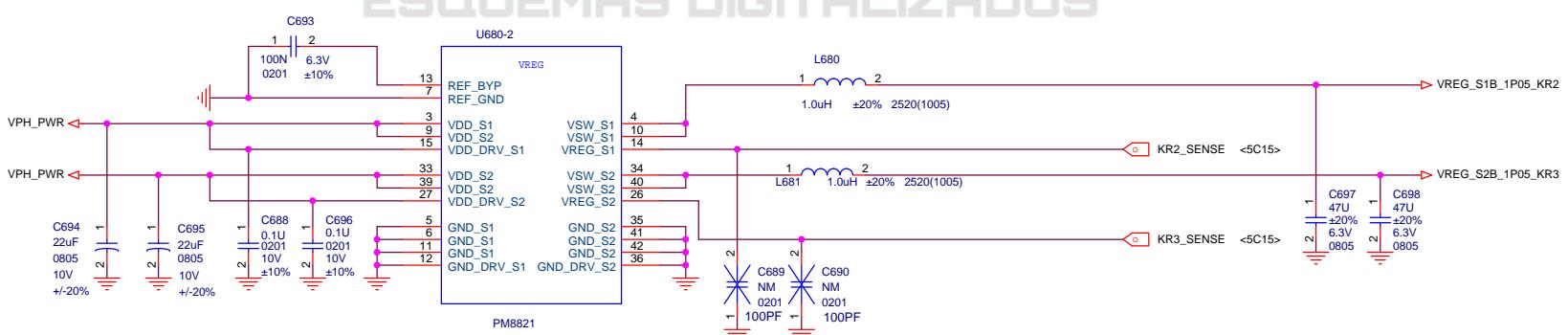
PM8901(4 OF 4) - LDO

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PM8821 CONTROL

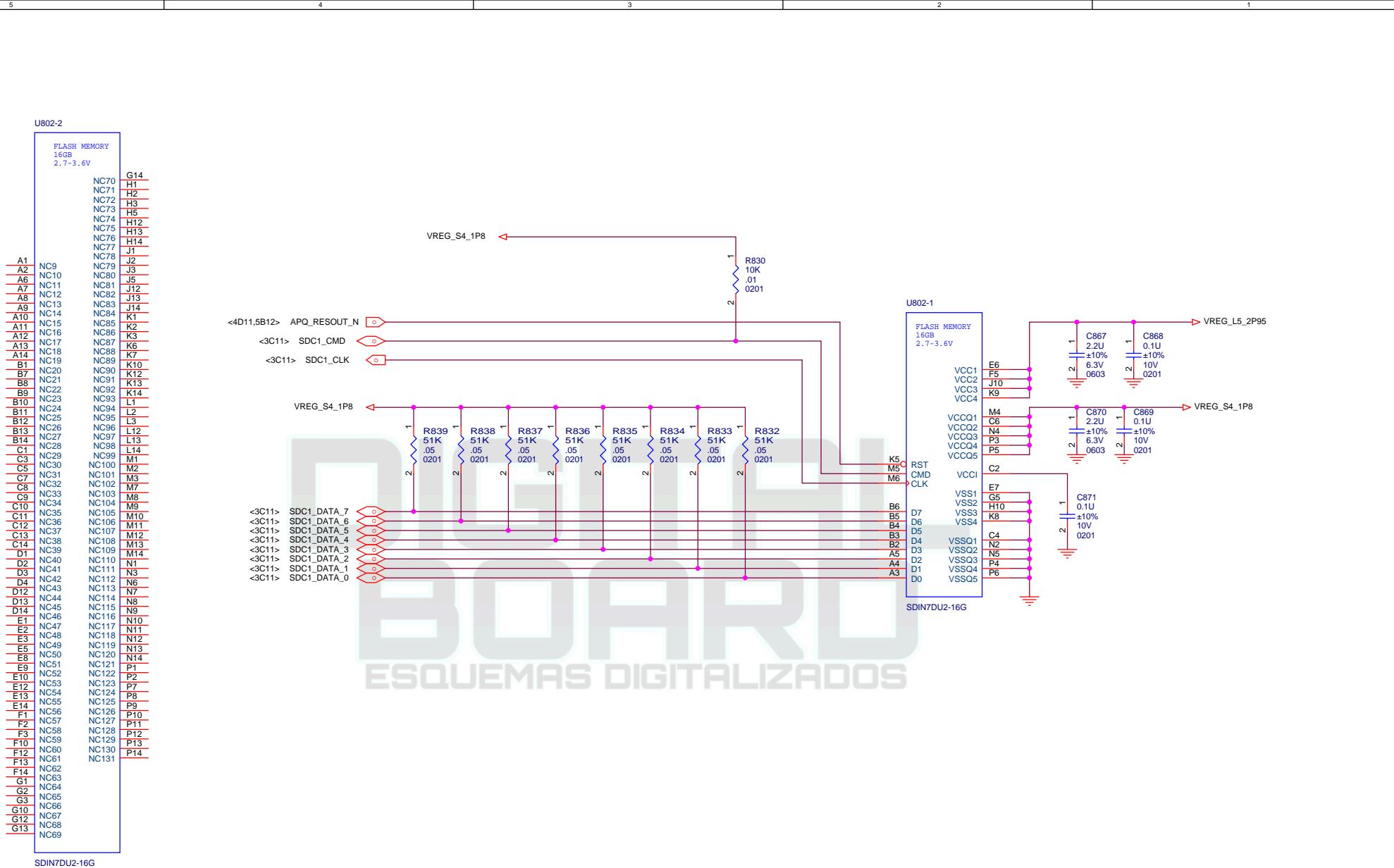


PM8821 VREGS



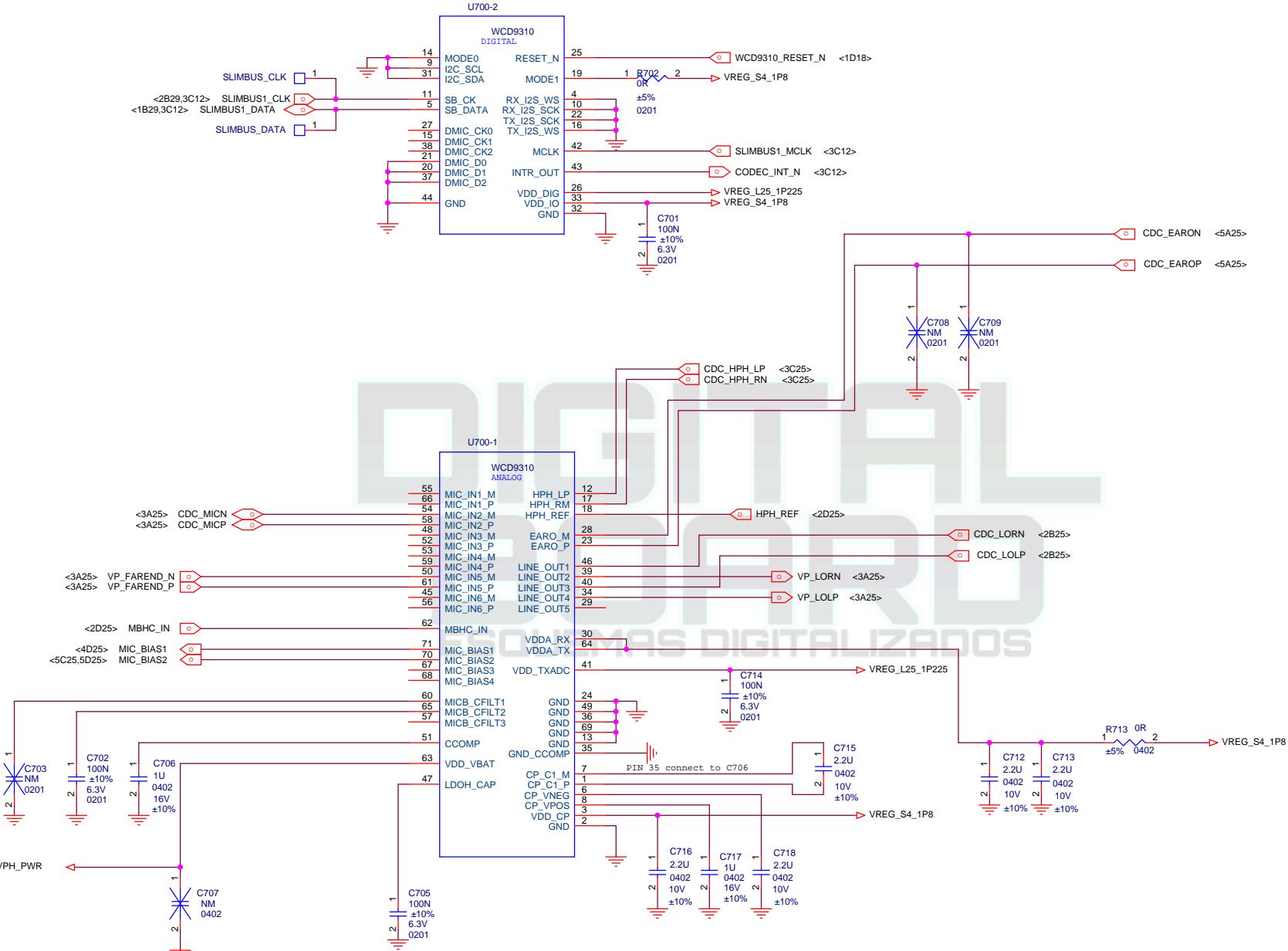
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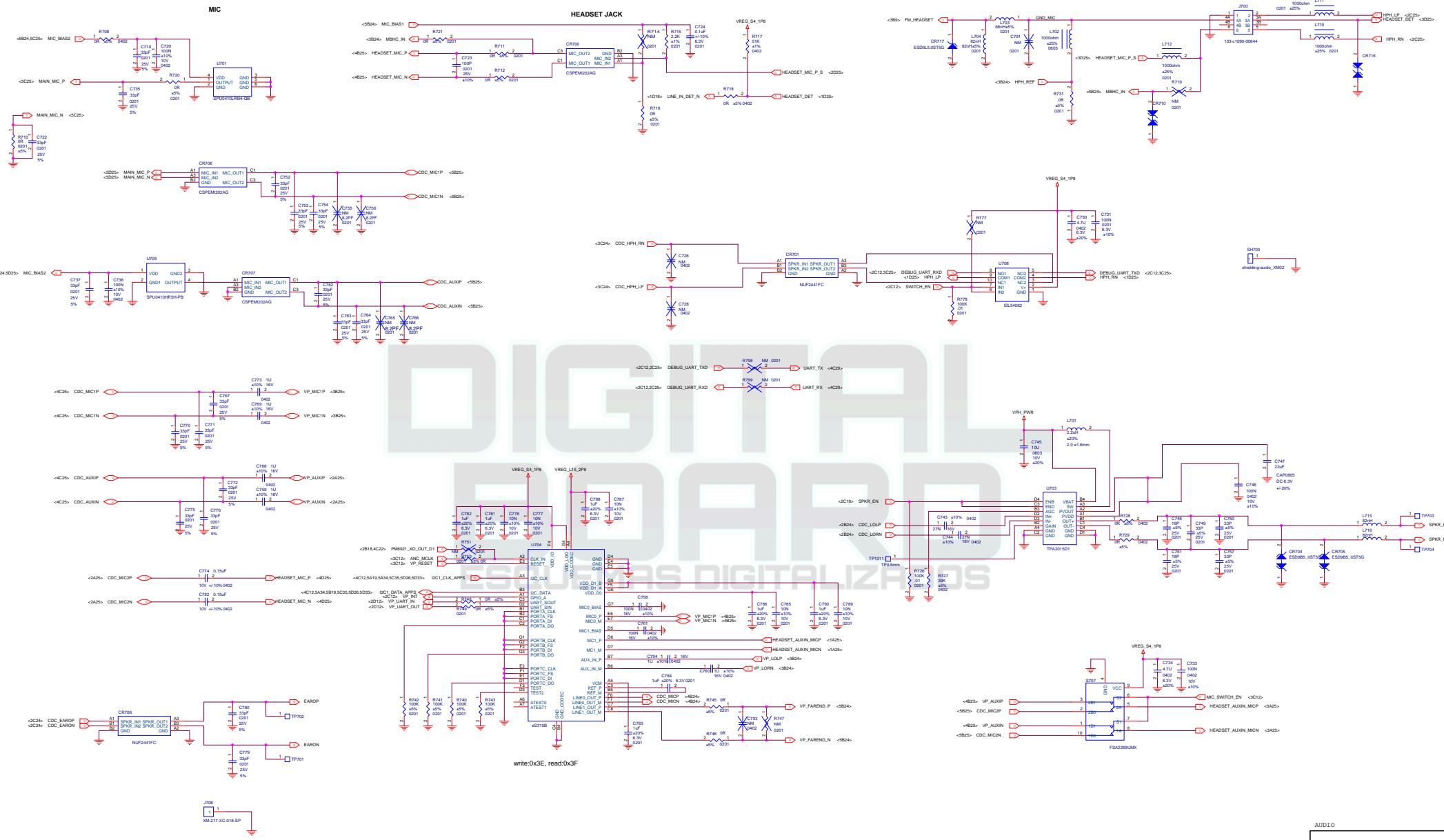
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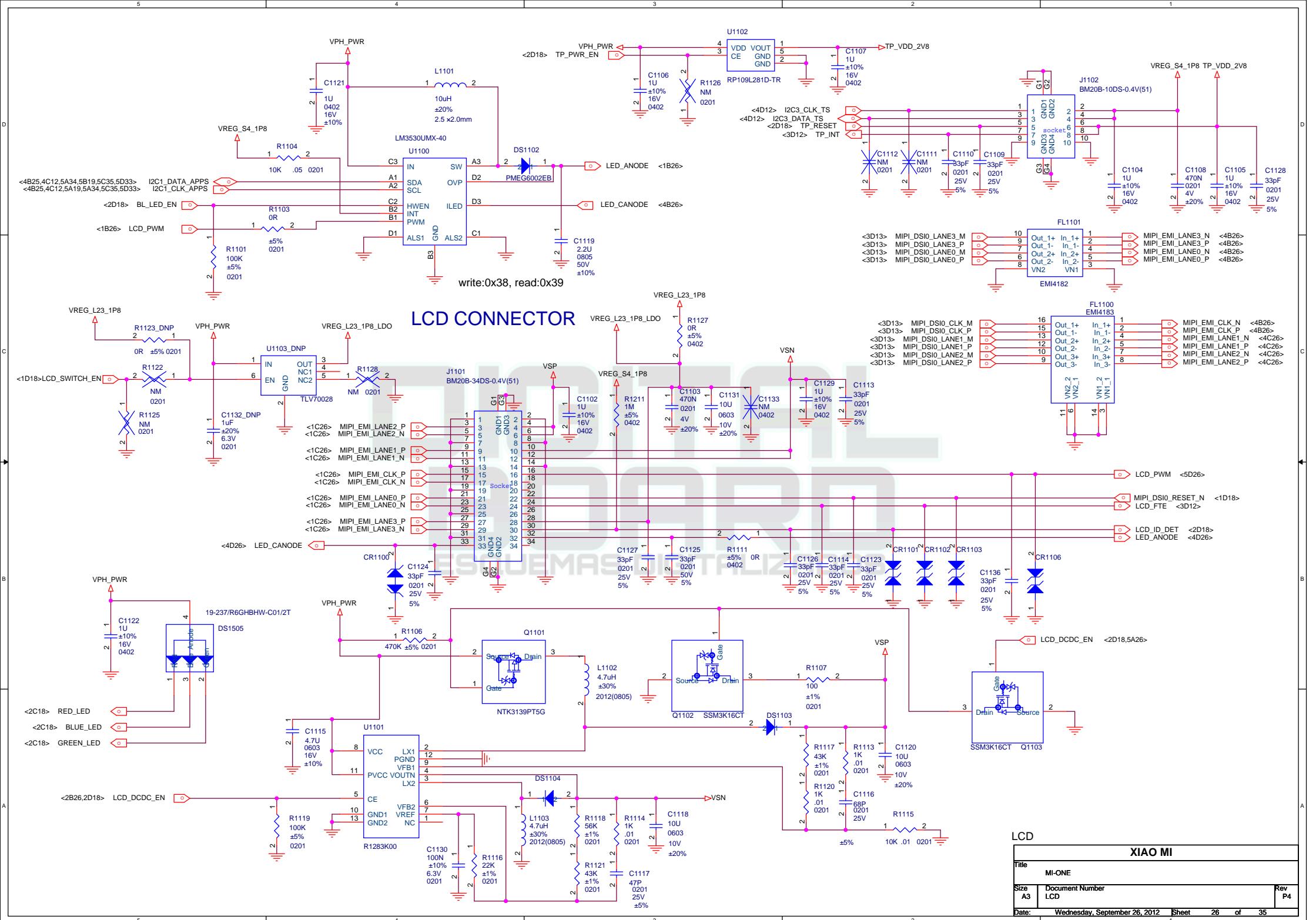
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WCD9310

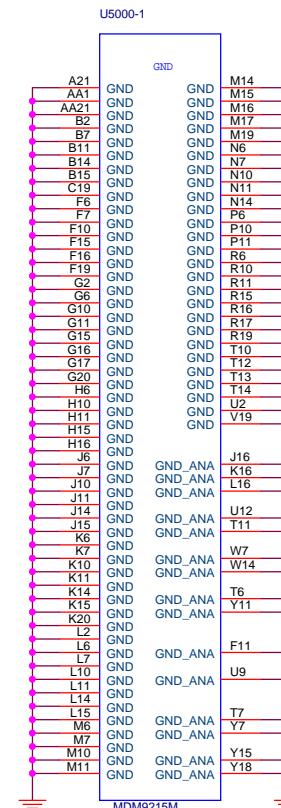
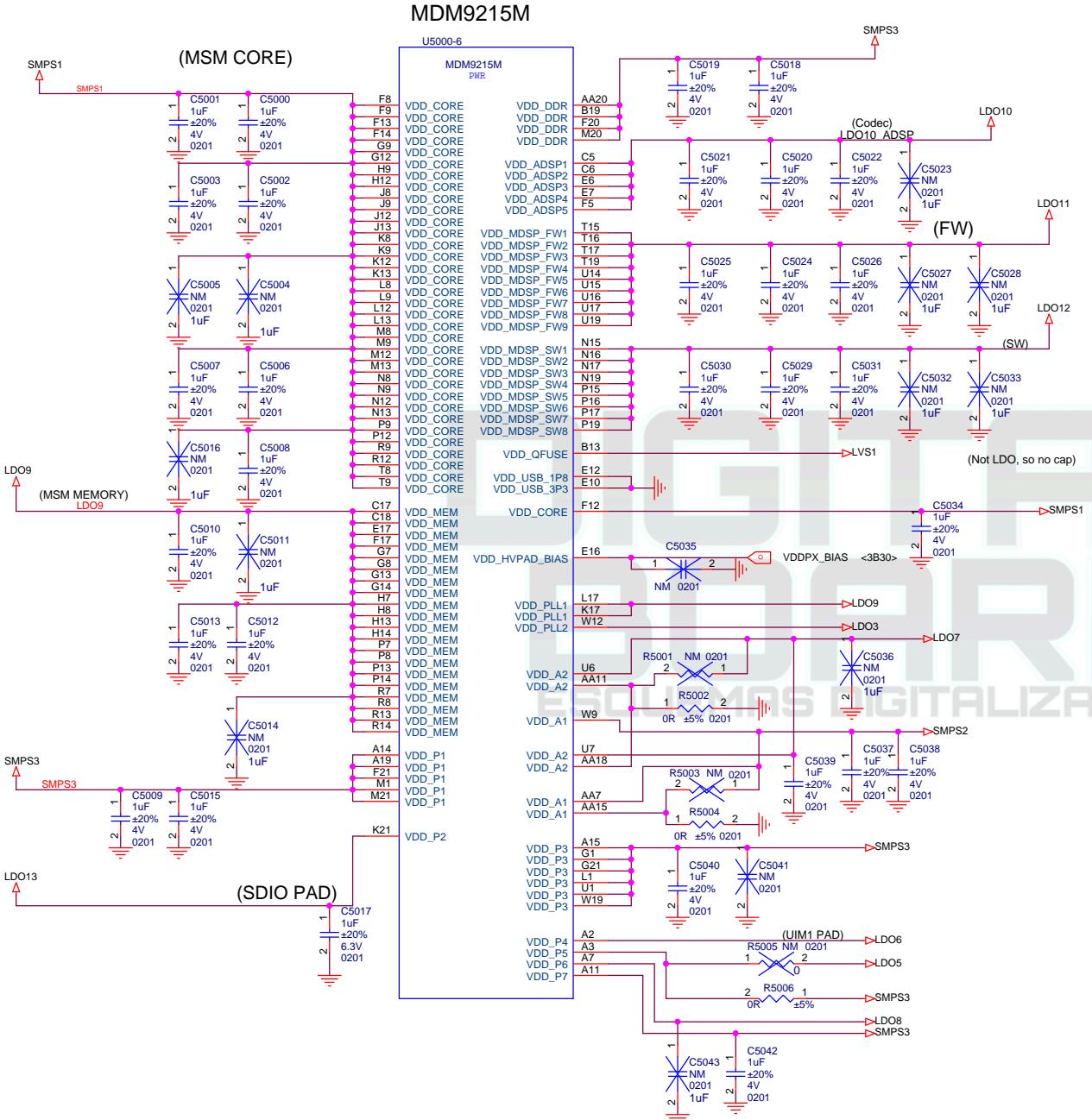
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MDM9215M : POWER

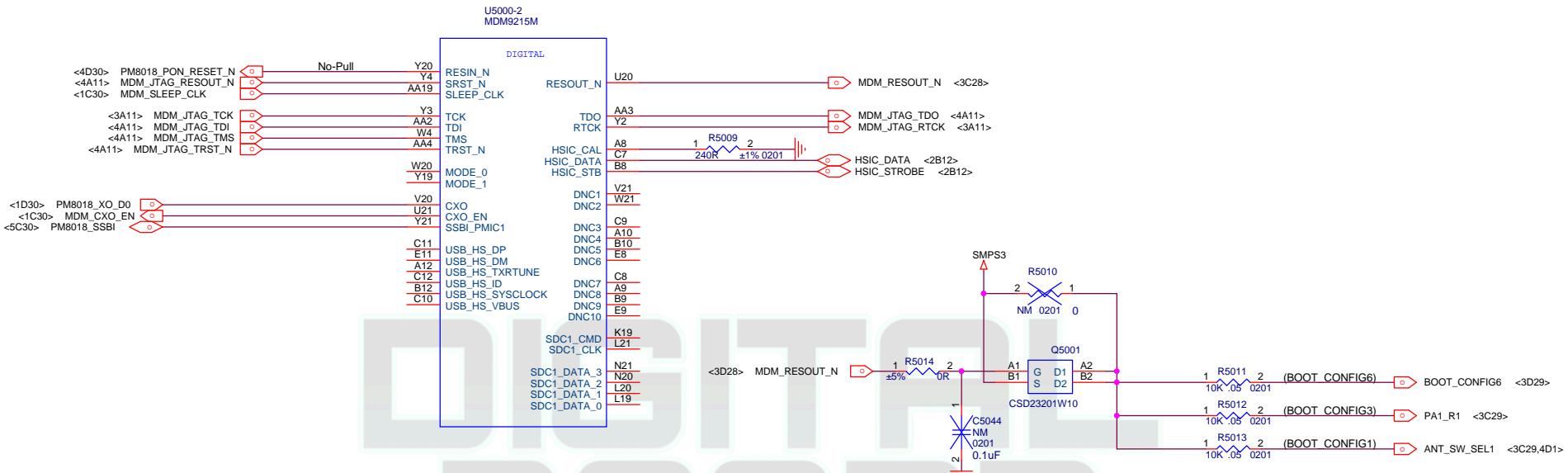
MDM9215M: GND



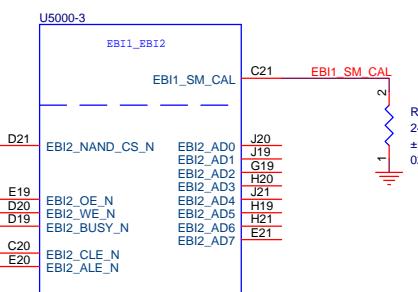
MDM9215M : POWER AND GND

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MDM9215M : DIGITAL



MDM9215M : MEMORY

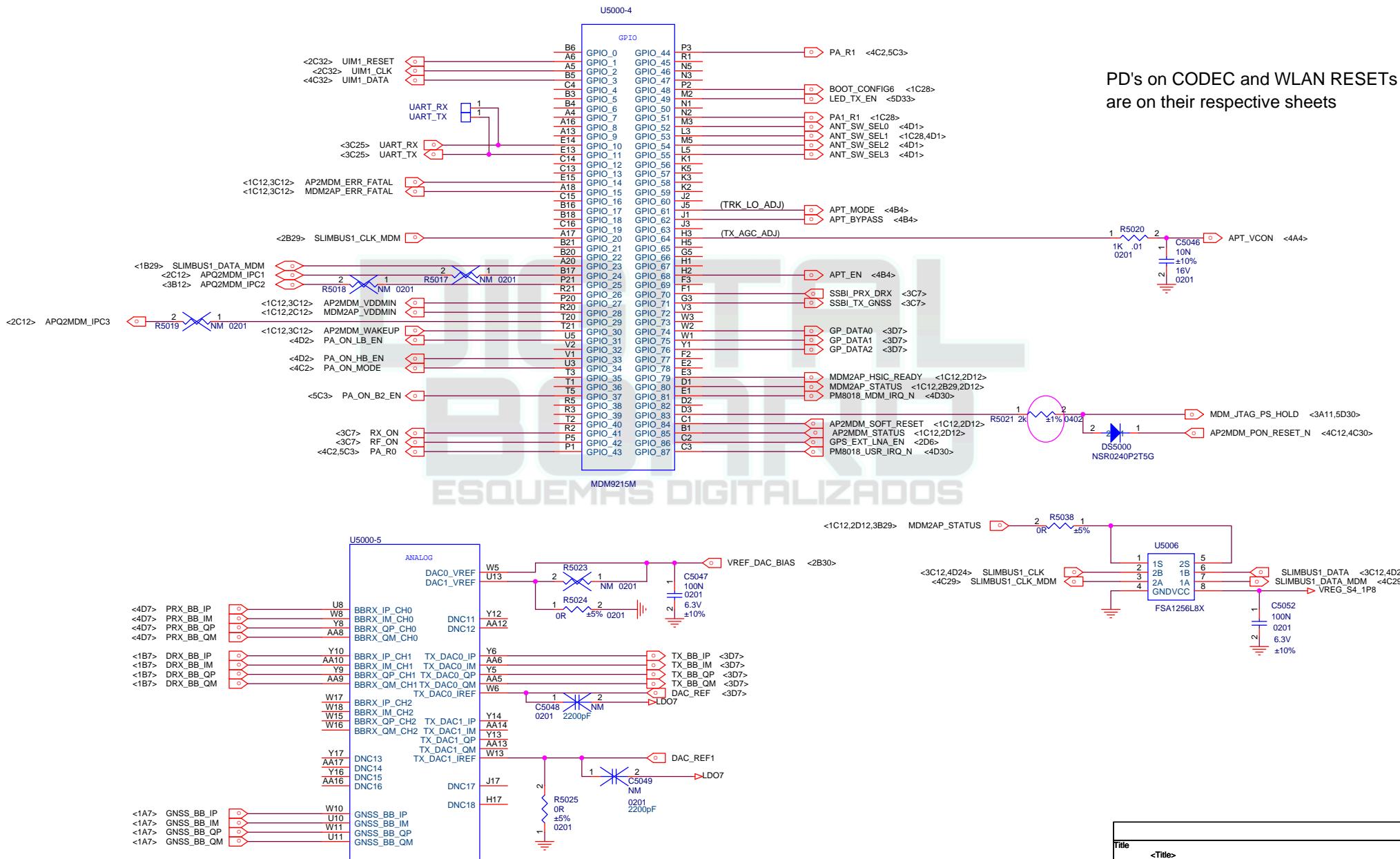


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MDM9215M : GPIO & ANALOG IO

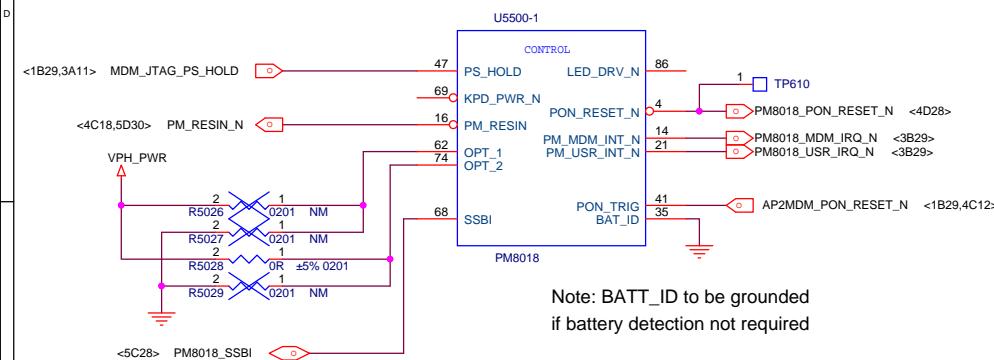
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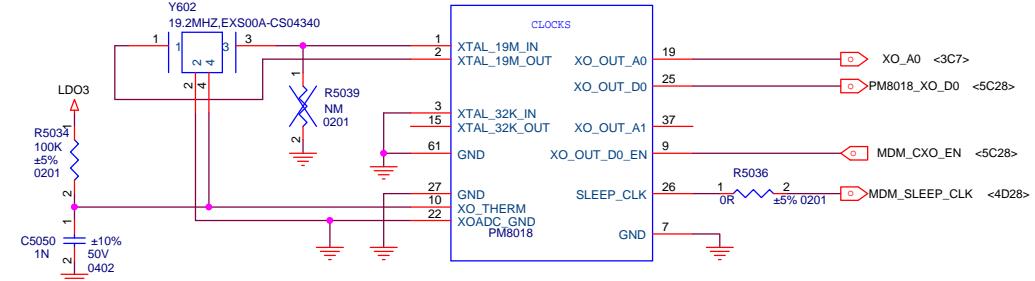
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PM8018 : CONTROL

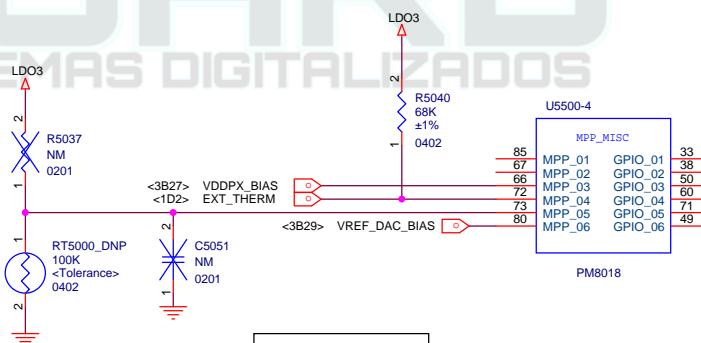
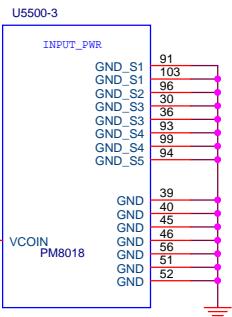


PM8018 : CLOCKS



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	

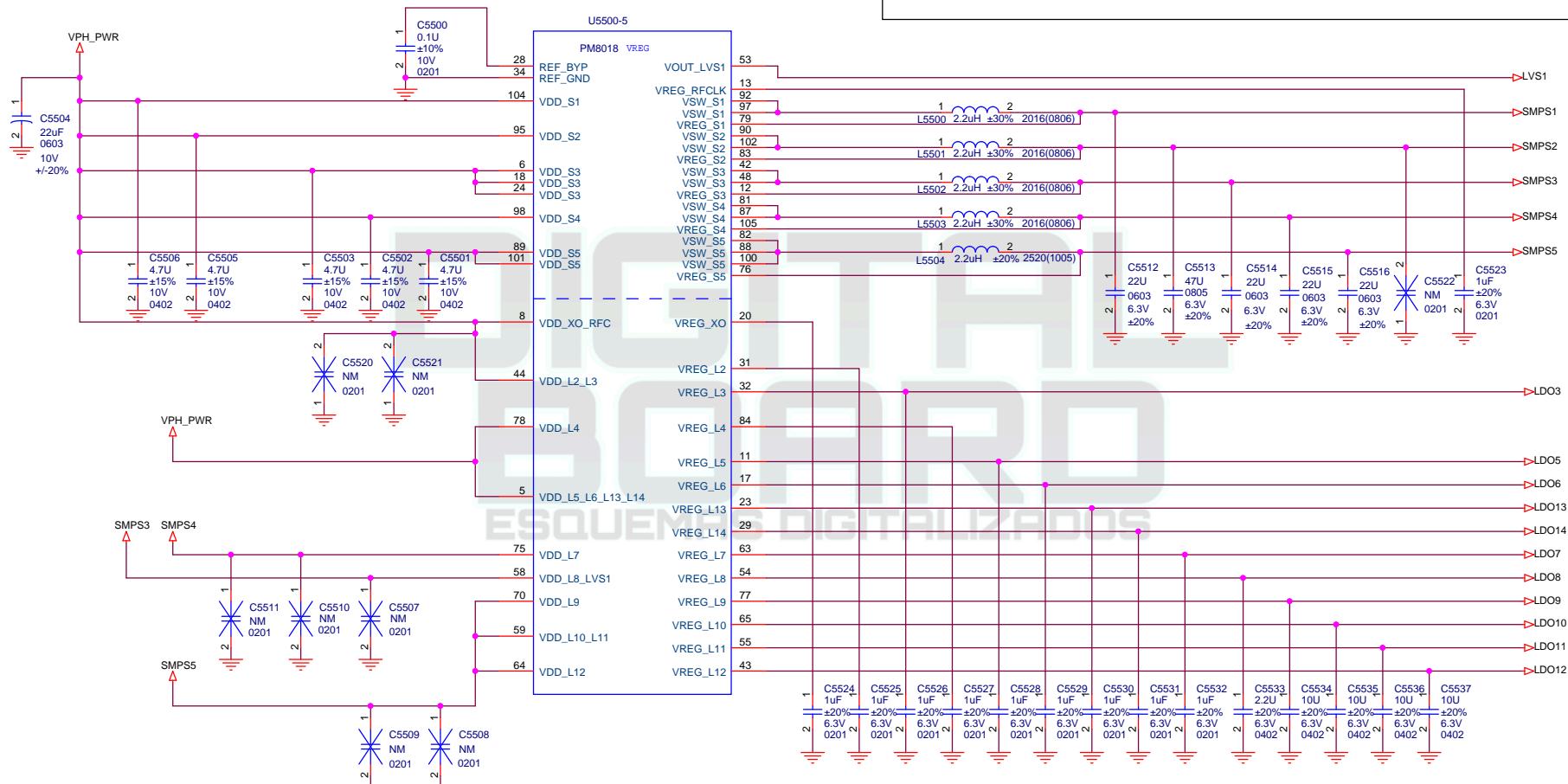
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PM8018 REGULATORS

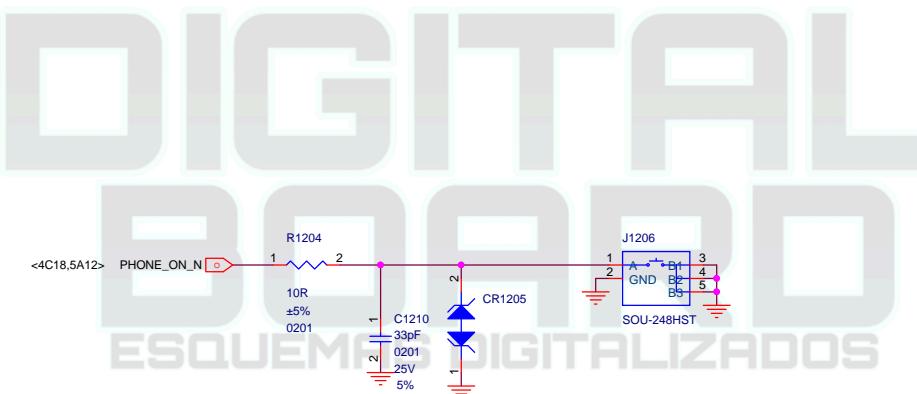
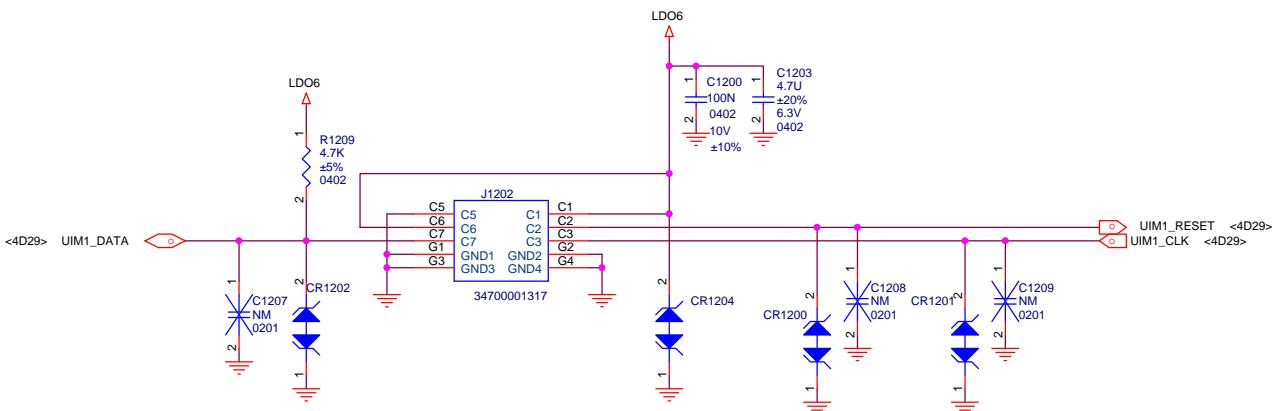
For S1-S4:
Primary SMPS Inductor: Cyntec 2016 1.0mm height 2.2uH
Alternative SMPS Inductor: TOKO 2016 1.2mm height 2.2uH

For S5:
TDK 2520 1.0mm. 2.2uH, TFM252010A or equivalent.



PM8018 : VREGS

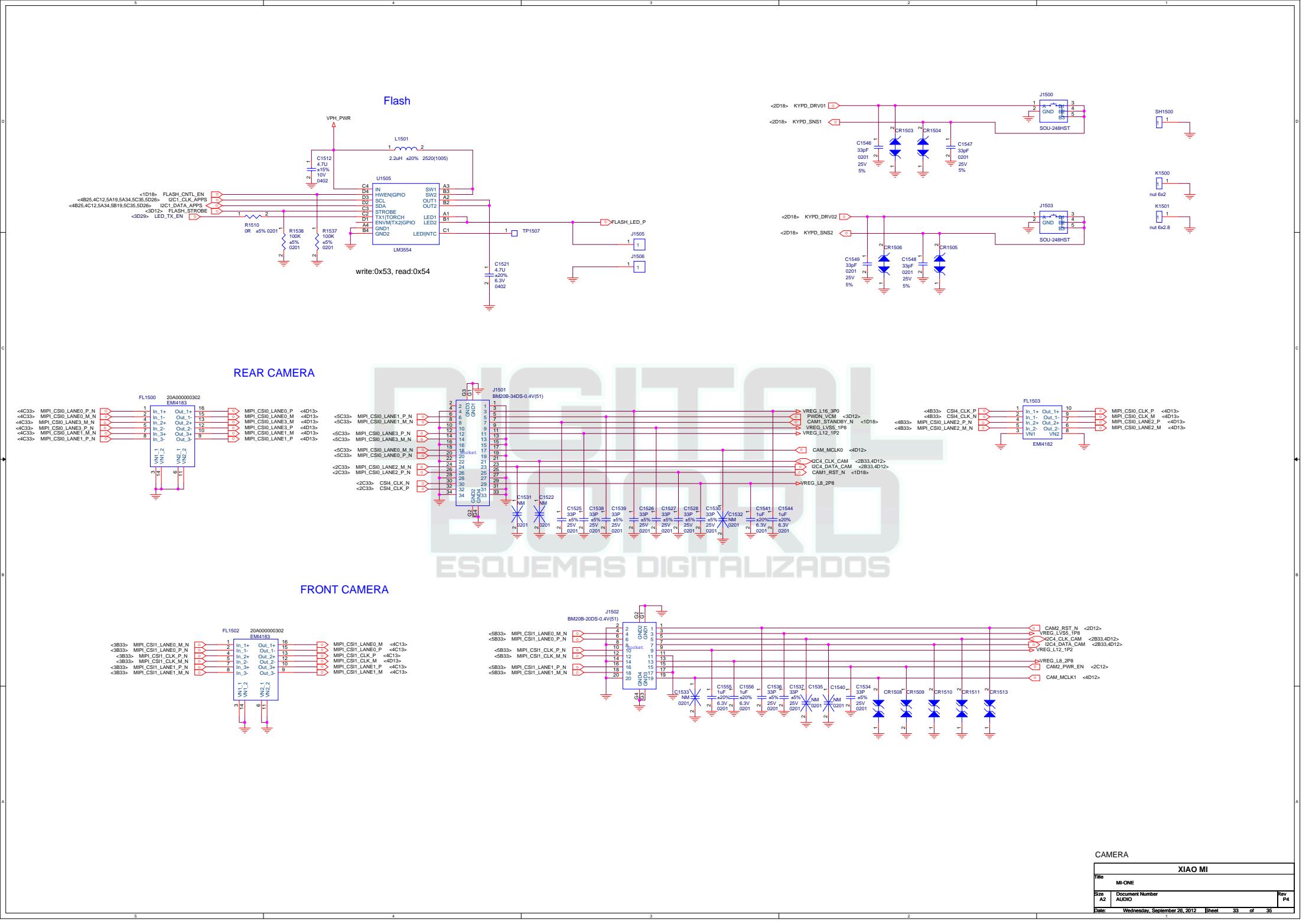
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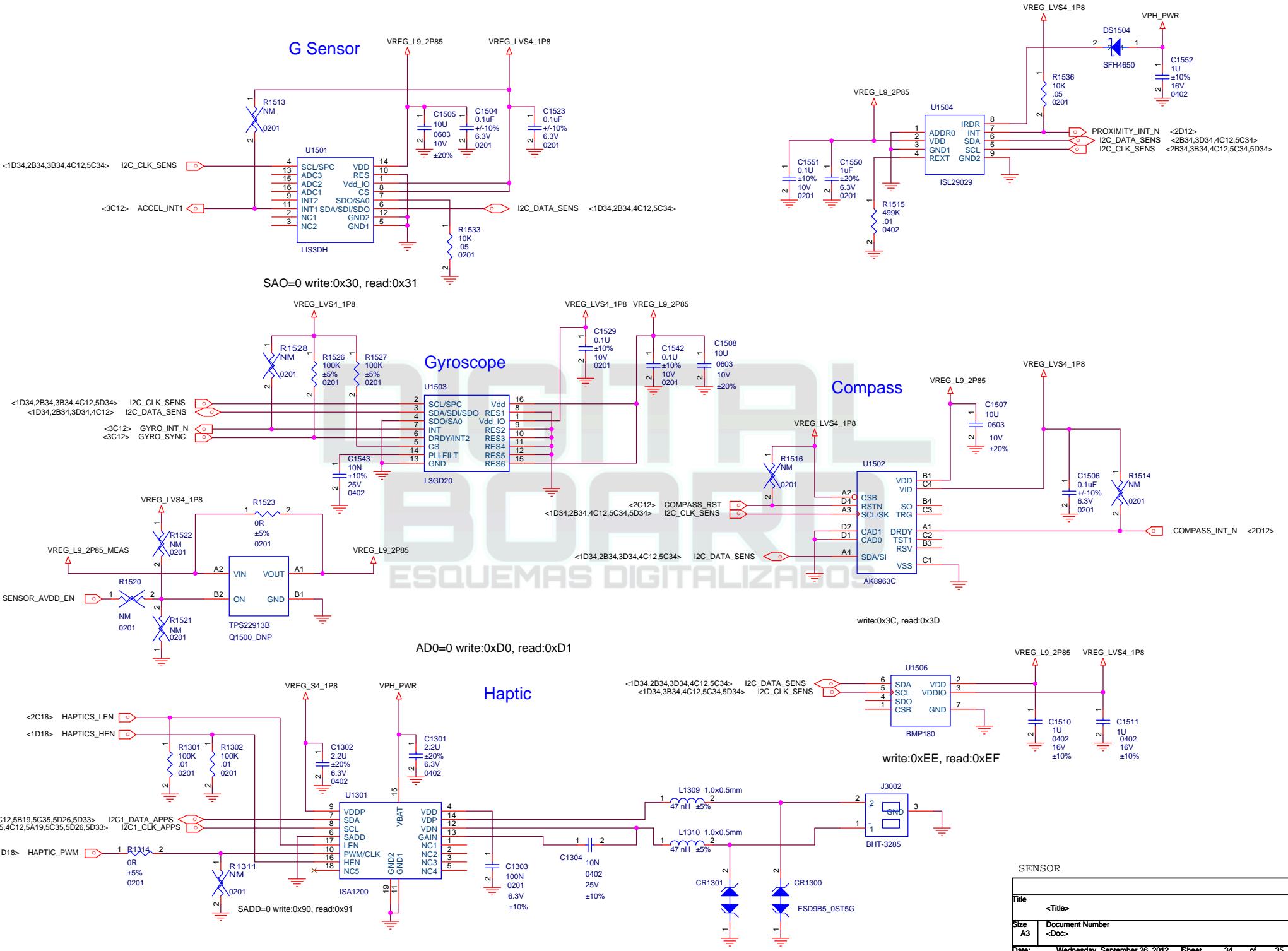


SD&SIM CONNECTOR

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SENSOR		
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