

# Xiaomi Redmi Note 6 Pro (LLDM666) Schematic Diagram



Xiaomi  
Smartphone

*Diagram*



*Schematic*



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SDM660 GPIO Configuration For Starlord					
GPIO_0	BLSP_SPI_MOSI_1	GPIO_42	NC	GPIO_84	UIM2_CLK
GPIO_1	BLSP_SPI_MISO_1	GPIO_43	NC	GPIO_85	UIM2_RESET
GPIO_2	BLSP_SPI_CS1_N_1	GPIO_44	NC	GPIO_86	UIM2_PRESENT
GPIO_3	BLSP_SPI_CLK_1	GPIO_45	NC	GPIO_87	UIM1_DATA
GPIO_4	BLSP_UART_TX_2	GPIO_46	CAM0_RST_N	GPIO_88	UIM1_CLK
GPIO_5	BLSP_UART_RX_2	GPIO_47	CAM1_RST_N	GPIO_89	UIM1_RESET
GPIO_6	BLSP_I2C_SDA_2	GPIO_48	CAM2_RST_N	GPIO_90	UIM1_PRESENT
GPIO_7	BLSP_I2C_SCL_2	GPIO_49	NC	GPIO_91	UIM_BATT_ALARM
GPIO_8	BLSP_SPI_MOSI_3	GPIO_50	CAM_AVDD_EN	GPIO_92	GRFC_0
GPIO_9	BLSP_SPI_MISO_3	GPIO_51	CAM_AVDD_EN	GPIO_93	NC
GPIO_10	BLSP_SPI_CS_N_3	GPIO_52	NC	GPIO_94	NC
GPIO_11	BLSP_SPI_CLK_3	GPIO_53	LCD0_RESET_N	GPIO_95	NC
GPIO_12	NC	GPIO_54	SD_CARD_DET_N	GPIO_96	WDOG_DISABLE
GPIO_13	NC	GPIO_55	DP_EN_N	GPIO_97	NC
GPIO_14	BLSP_I2C_SDA_4	GPIO_56	USBC_ORIENTATION	GPIO_98	NC
GPIO_15	BLSP_I2C_SCL_4	GPIO_57	FORCED_USB_BOOT	GPIO_99	QLINK_REQUEST
GPIO_16	BLSP_UART_TX_5	GPIO_58	USB_PHY_PS	GPIO_100	QLINK_ENABLE
GPIO_17	BLSP_UART_RX_5	GPIO_59	MDP_VSYNC_P	GPIO_101	RFFE1_DATA - WTR6955 debug
GPIO_18	BLSP_UART_CTS_N_5	GPIO_60	NC	GPIO_102	RFFE1_CLK - WTR6955 debug
GPIO_19	BLSP_UART_RFR_N_5	GPIO_61	NC	GPIO_103	RFFE2_DATA - (42)QFE2101 ch0, (43)QFE4360
GPIO_20	FP_SUB_RESET	GPIO_62	NC	GPIO_104	RFFE2_CLK - (42)QFE2101 ch0, (43)QFE4360
GPIO_21	SMB_STAT	GPIO_63	NC	GPIO_105	NC
GPIO_22	BLSP_I2C_SDA_6	GPIO_64	NC	GPIO_106	NC
GPIO_23	BLSP_I2C_SCL_6	GPIO_65	NC	GPIO_107	RFFE4_DATA - (53)QAT3514, (53)QAT3550
GPIO_24	NC	GPIO_66	TS_RESET_N	GPIO_108	RFFE4_CLK - (53)QAT3514, (53)QAT3550
GPIO_25	NC	GPIO_67	TS_INT_N	GPIO_109	RFFE5_DATA
GPIO_26	WSA_SPKR_SD_N_1	GPIO_68	ACC_GYRO_DATA_AVA_INT_N	GPIO_110	RFFE5_CLK
GPIO_27	WSA_SPKR_SD_N_2	GPIO_69	ACC_GYRO_MOT_INT_N	GPIO_111	RFFE6_DATA
GPIO_28	NFC_IRQ	GPIO_70	MAG_INT_N	GPIO_112	RFFE6_CLK
GPIO_29	NFC_EN	GPIO_71	ALSP_INT_N	GPIO_113	NC
GPIO_30	NFC_DWL_REQ	GPIO_72	FP_INT_N_1	SSC_0	LPL_SPL_1_CS1_N
GPIO_31	NFC_ESE_PWR_REQ	GPIO_73	NC	SSC_1	LPL_PWR_EN
GPIO_32	CAM_MCLK0	GPIO_74	NC	SSC_2	LPL_I2C_3_SDA
GPIO_33	CAM_MCLK1	GPIO_75	NC	SSC_3	LPL_I2C_3_SCL
GPIO_34	CAM_MCLK2	GPIO_76	NC	SSC_4	LPL_SPL_2_CS_N
GPIO_35		GPIO_77	AUDIO_USBC_EN2_N	SSC_5	LPL_SPL_2_CLK
GPIO_36	CCI_I2C_SDA0	GPIO_78	WMSS_RESETN	SSC_6	LPL_SPL_2_MOSI
GPIO_37	CCI_I2C_SCL0	GPIO_79	PWM_CNTRL	SSC_7	LPL_SPL_2_MISO
GPIO_38	CCI_I2C_SDA1	GPIO_80	AUDIO_USBC_EN1	SSC_8	LPL_SPL_1_CS_N
GPIO_39	CCI_I2C_SCL1	GPIO_81	MSS_LTE_COXM_TXD	SSC_9	LPL_SPL_1_CS_N
GPIO_40	NC	GPIO_82	MSS_LTE_COXM_RXD	SSC_10	LPL_SPL_1_MOSI
GPIO_41	FL_STROBE_TRIG	GPIO_83	UIM2_DATA	SSC_11	LPL_SPL_1_MISO

SSC_12	LPL_UART_1_TX
SSC_13	LPL_UART_1_RX
SSC_14	NC
SSC_15	NC
SSC_16	NC
SSC_17	NC
SSC_18	WCD_SDM_MCLK
SSC_19	LPL_AUD_SB_CLK
SSC_20	LPL_AUD_SB_DATA0
SSC_21	LPL_AUD_SB_DATA1
SSC_22	LPL_AUD_CDC_INT1
SSC_23	LPL_AUD_CDC_INT2
SSC_24	LPL_AUD_CDC_RSTN
SSC_25	NC
SSC_26	NC
SSC_27	NC
SSC_29	NC
SSC_30	LPL_QCA_SB_CLK
SSC_31	LPL_QCA_SB_DATA0

GROOT GPIO Configuration For Starlord			
GPIO_1	OPTION1	GPIO_8	SLB
GPIO_2	DIV_CLK2	GPIO_9	uUSB_TYPEC
GPIO_3	DIV_CLK1	GPIO_10	WCSS_VCTRL
GPIO_4	NFC_CLK_REQ	GPIO_11	HOMEKEY_FP_PM_INT
GPIO_5	WLAN_SW_CTRL	GPIO_12	WIPWR_MODE
GPIO_6	SLP_CLK	GPIO_13	PM_A_GPIO_13
GPIO_7	UIM_BATT_ALARM		

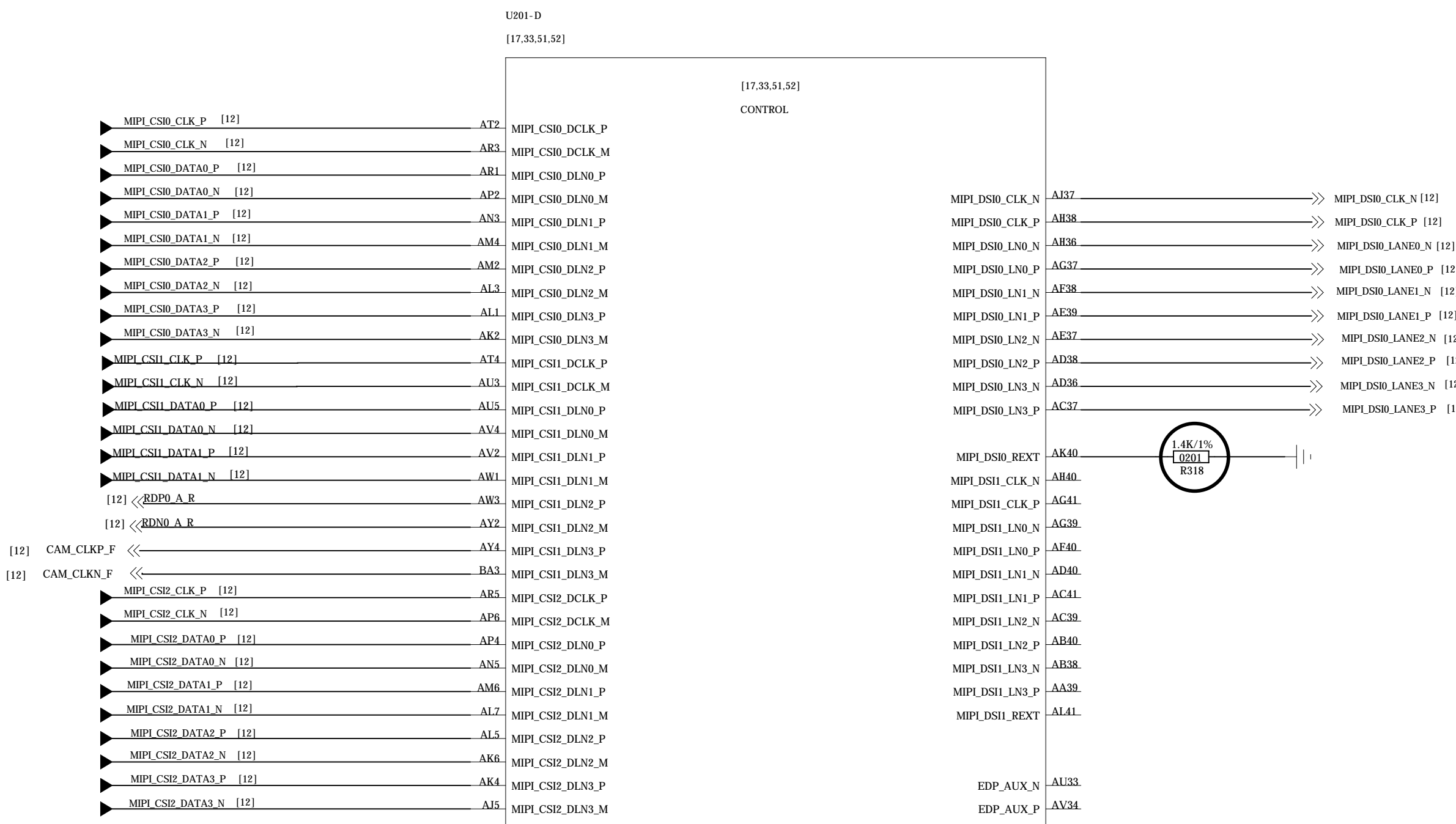
DRAX GPIO Configuration For Starlord			
GPIO_1	OPTION2	GPIO_8	SD_CARD_DET_N
GPIO_2	LPL_PWR_EN	GPIO_9	WCSS_VCTRL
GPIO_3	FRONT_CAM_DVDD_EN	GPIO_10	SLB
GPIO_4	REAR_CAM_DVDD_EN	GPIO_11	LP4x_CTRL
GPIO_5	NC	GPIO_12	LP4x_MODE
GPIO_6	FP_VDD_EN		
GPIO_7	KEY_VOL_UP_N		

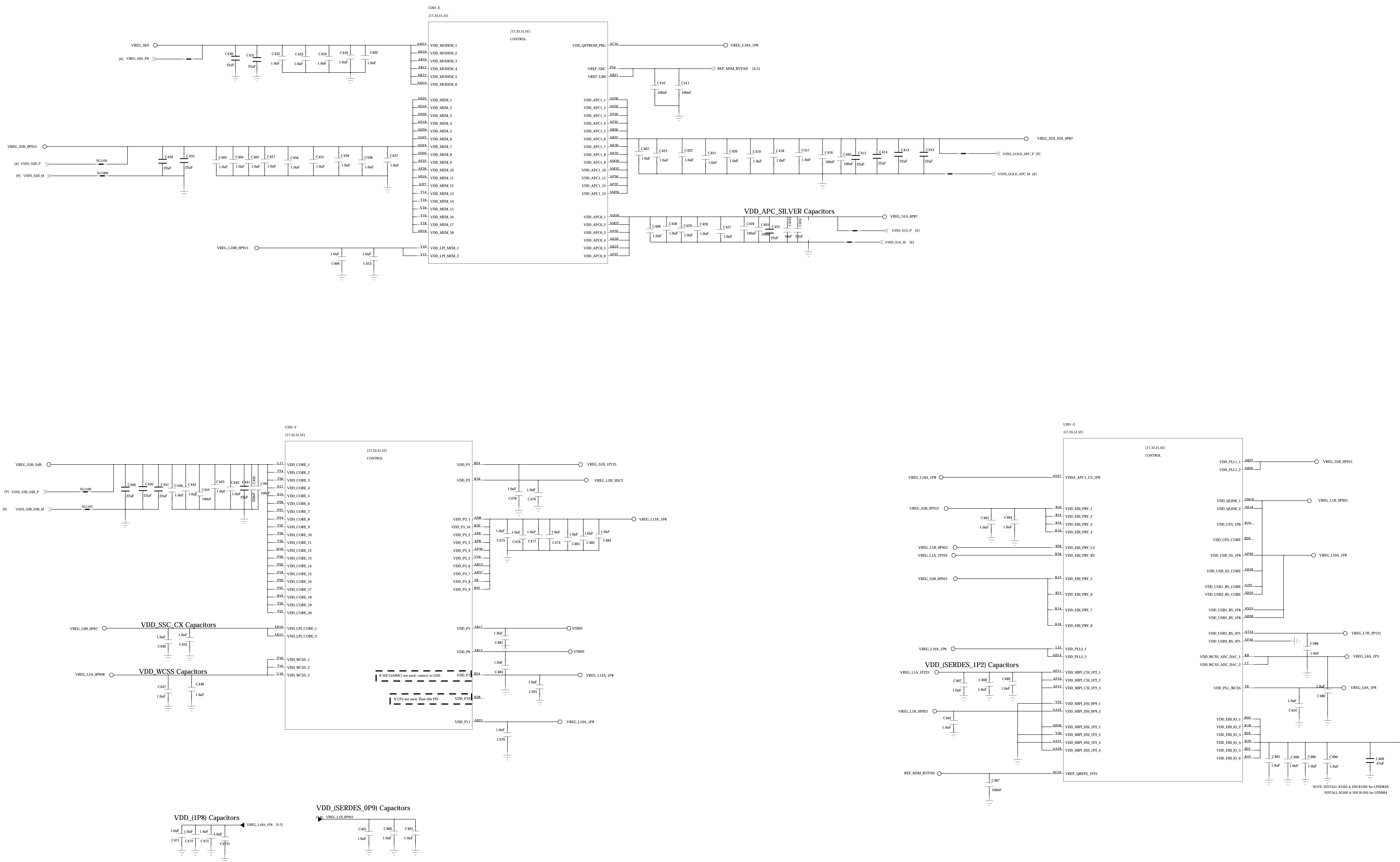


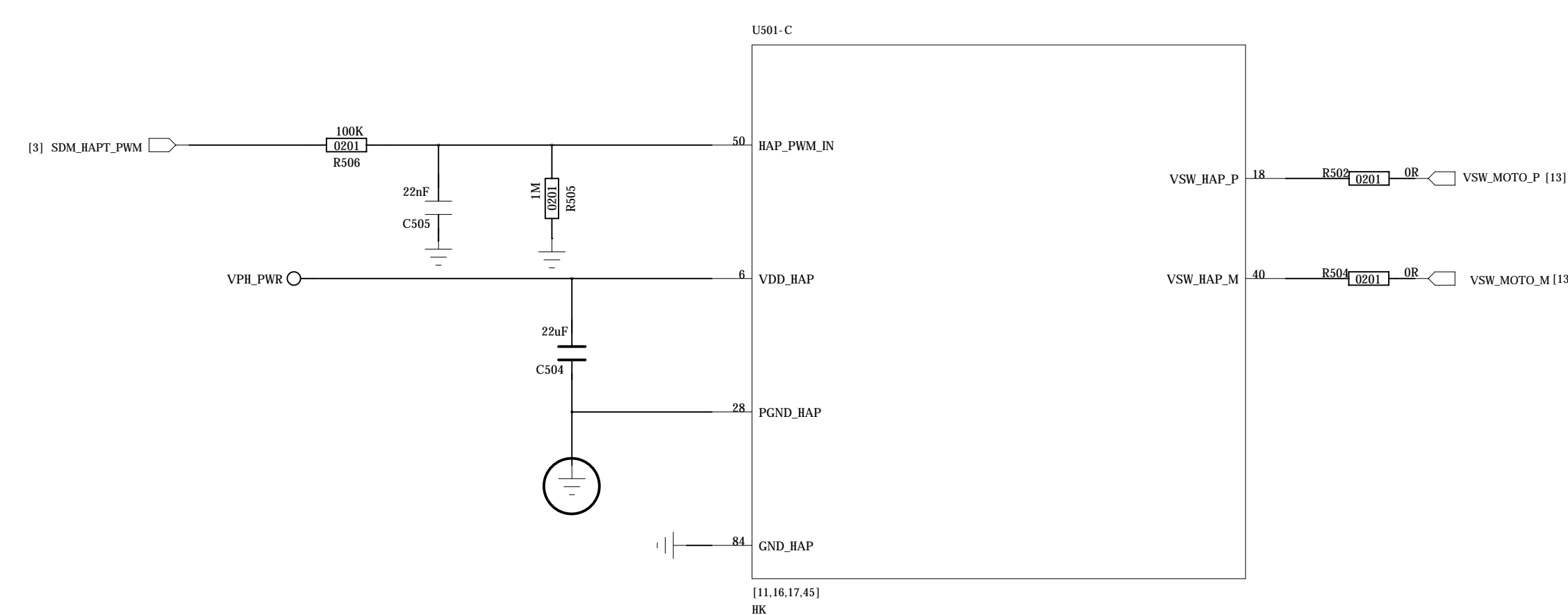
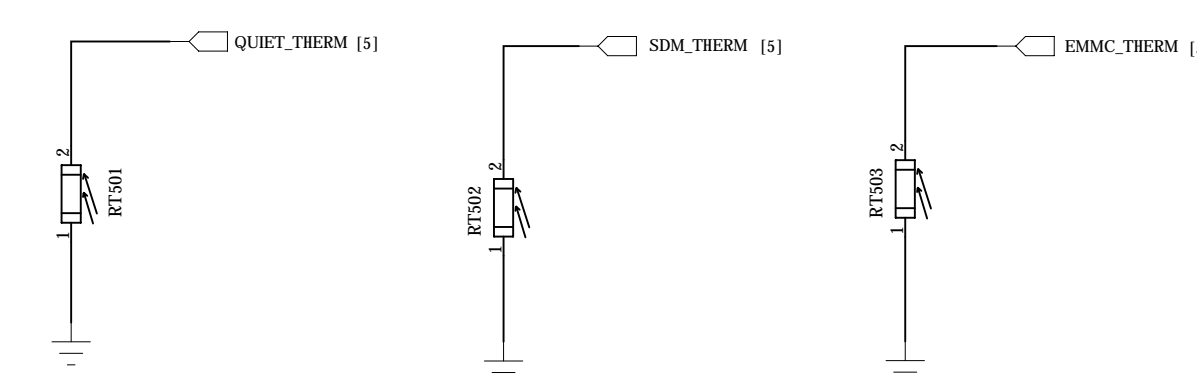
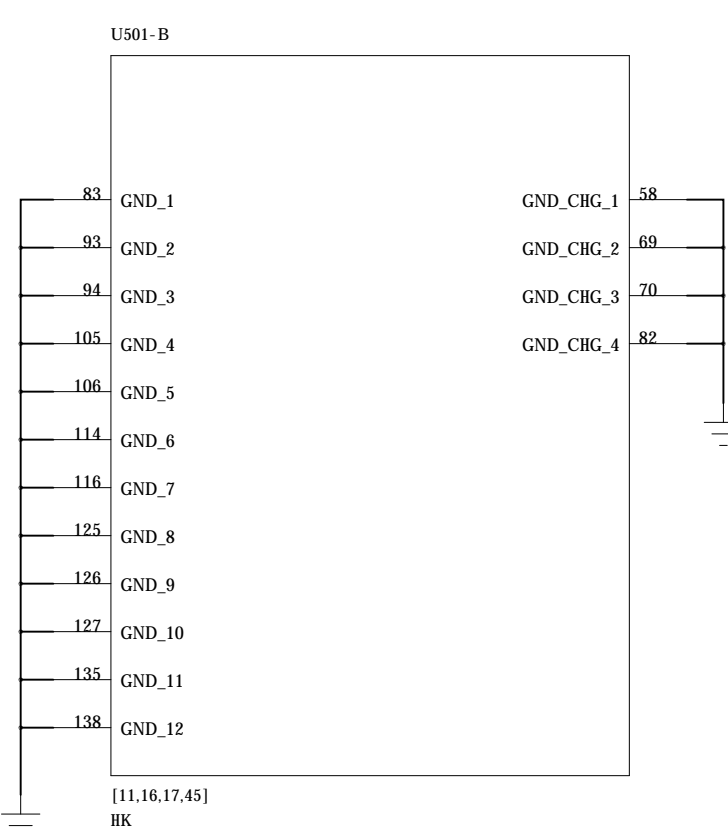
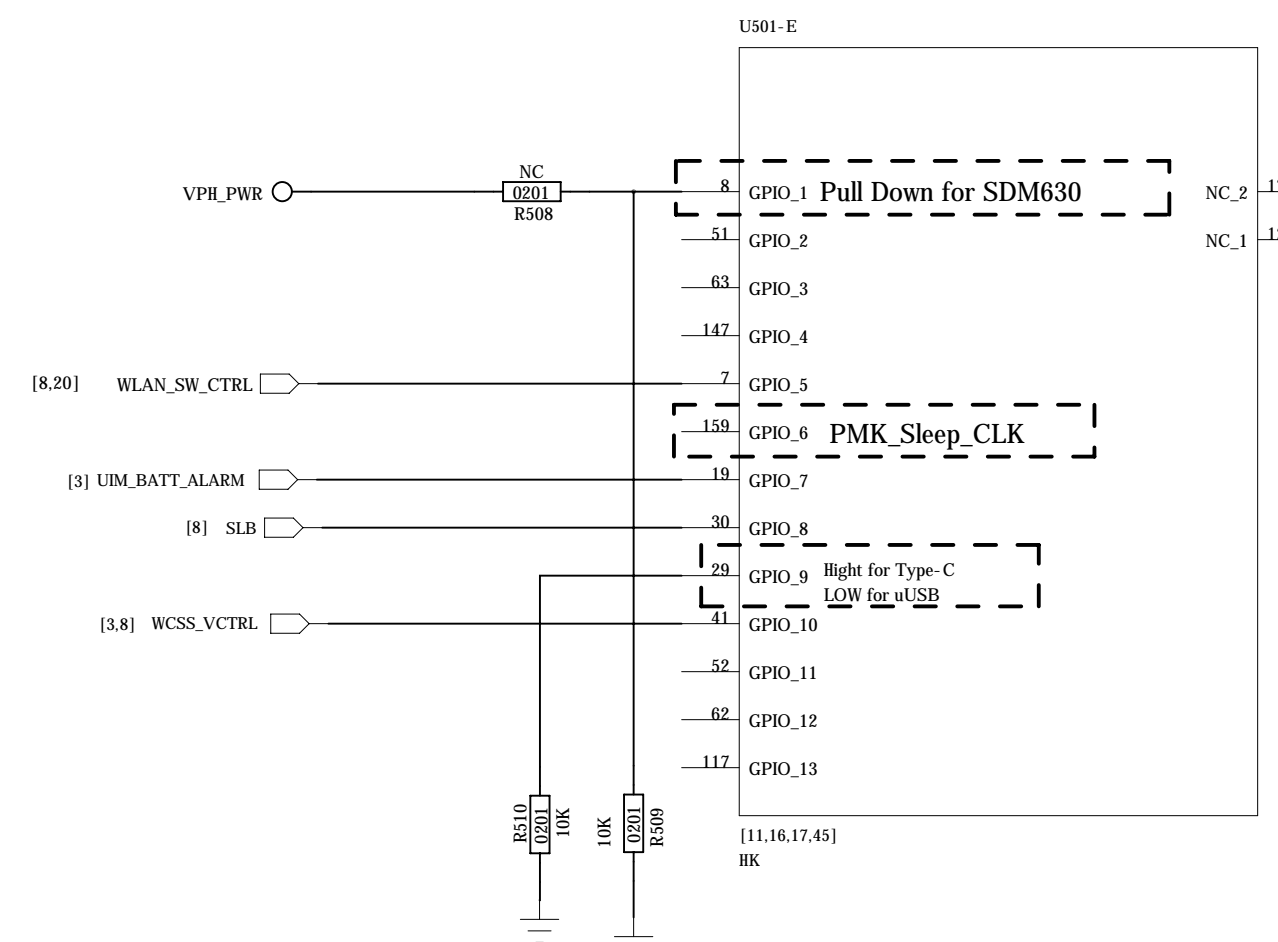
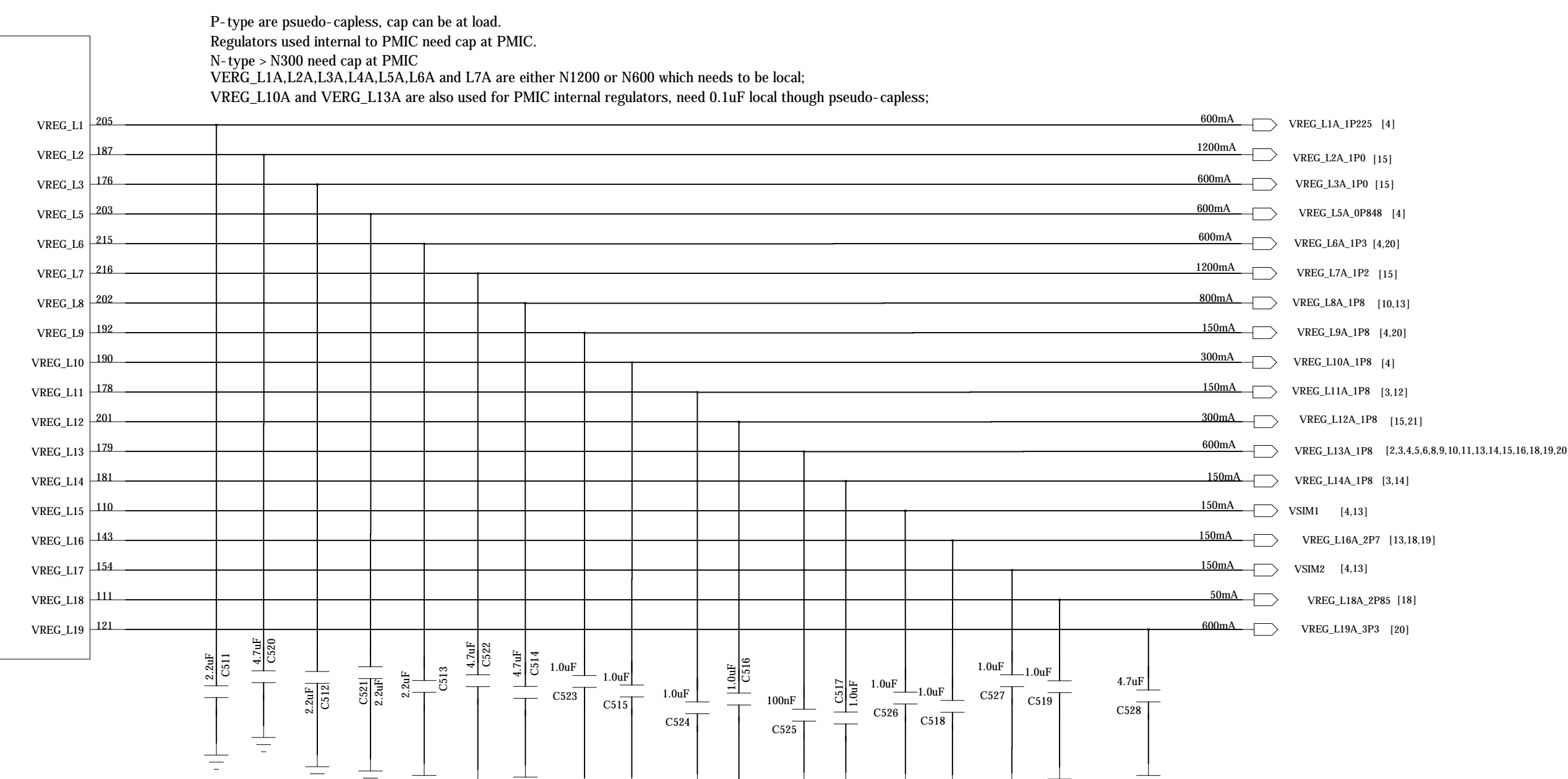
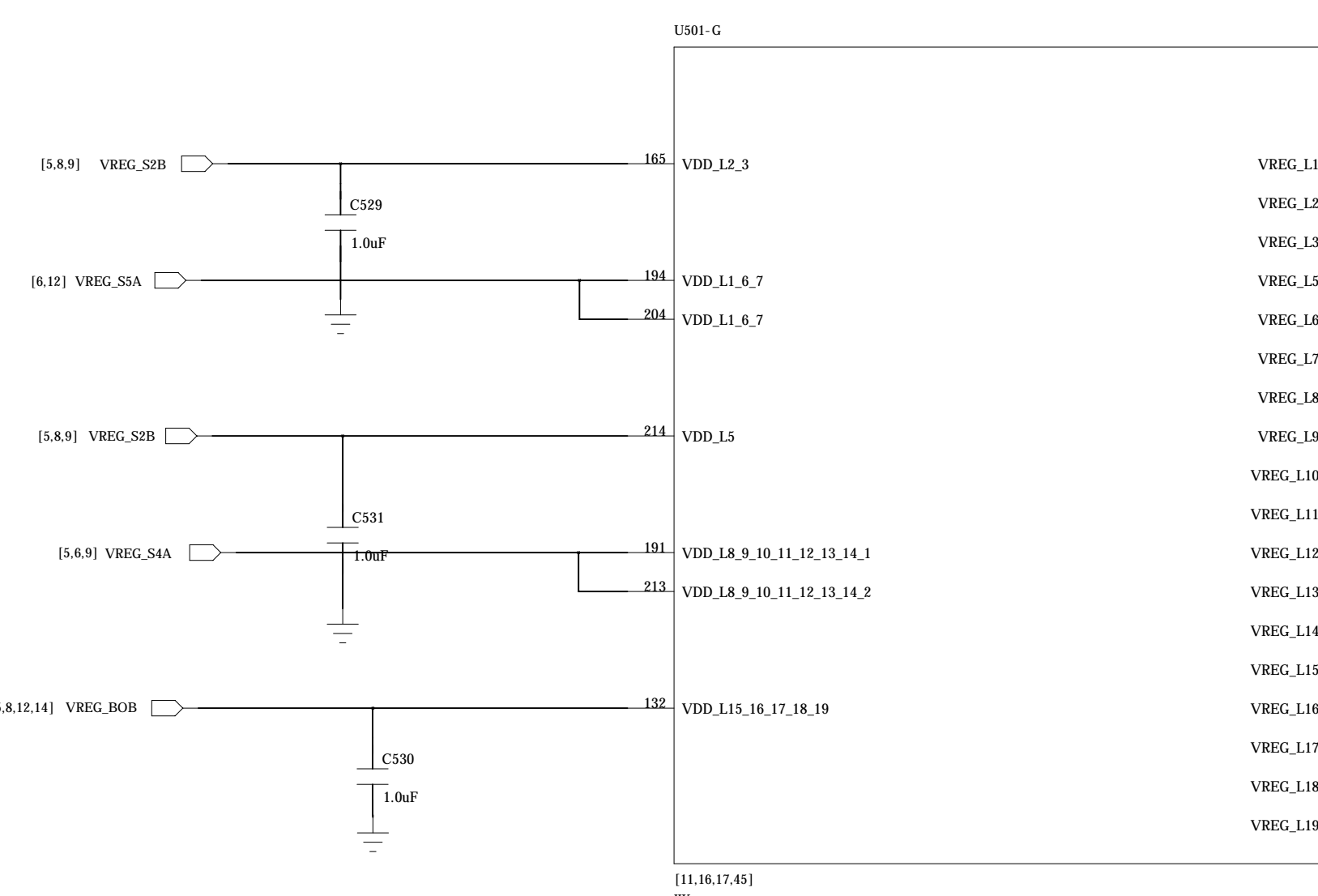
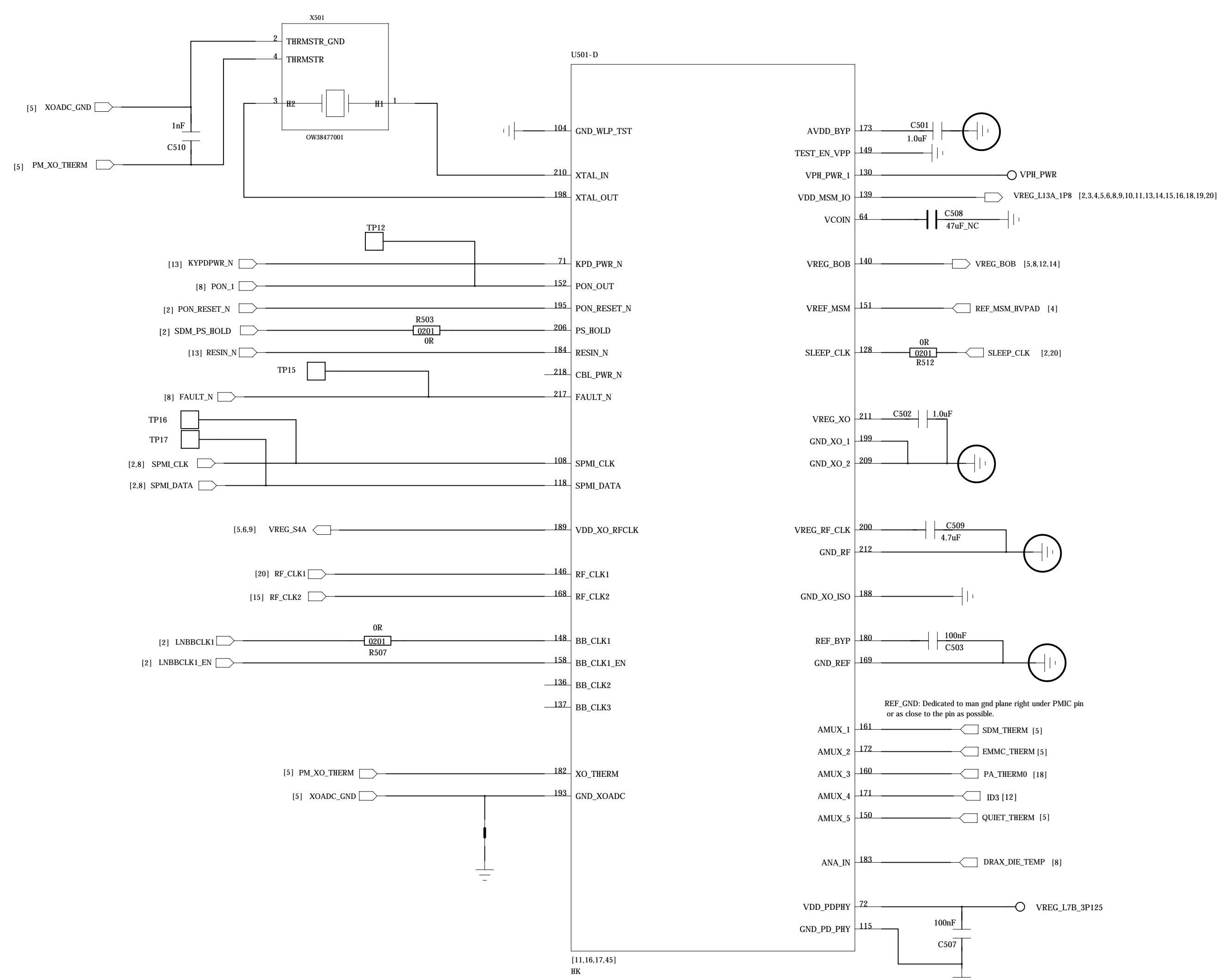


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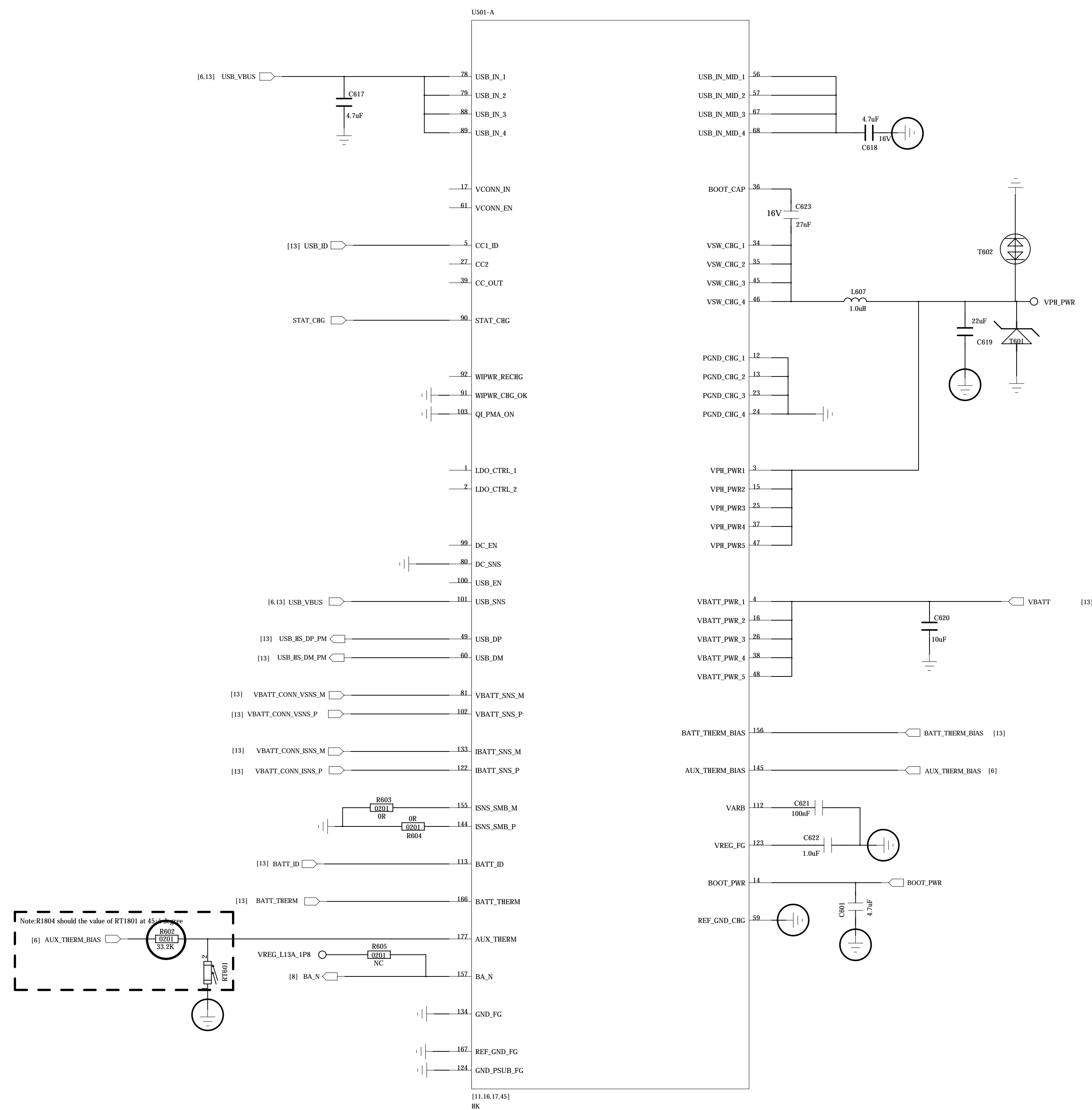
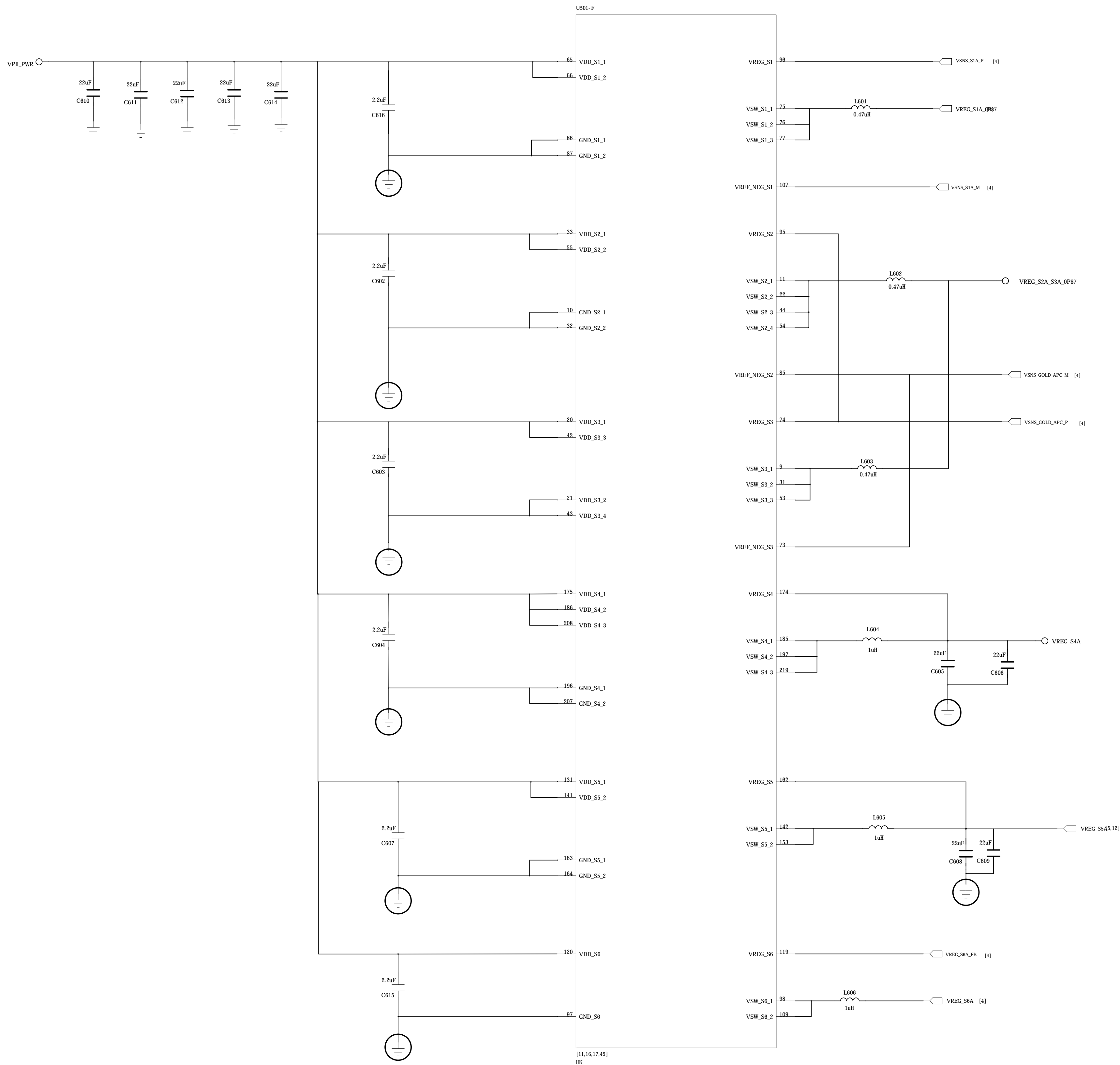








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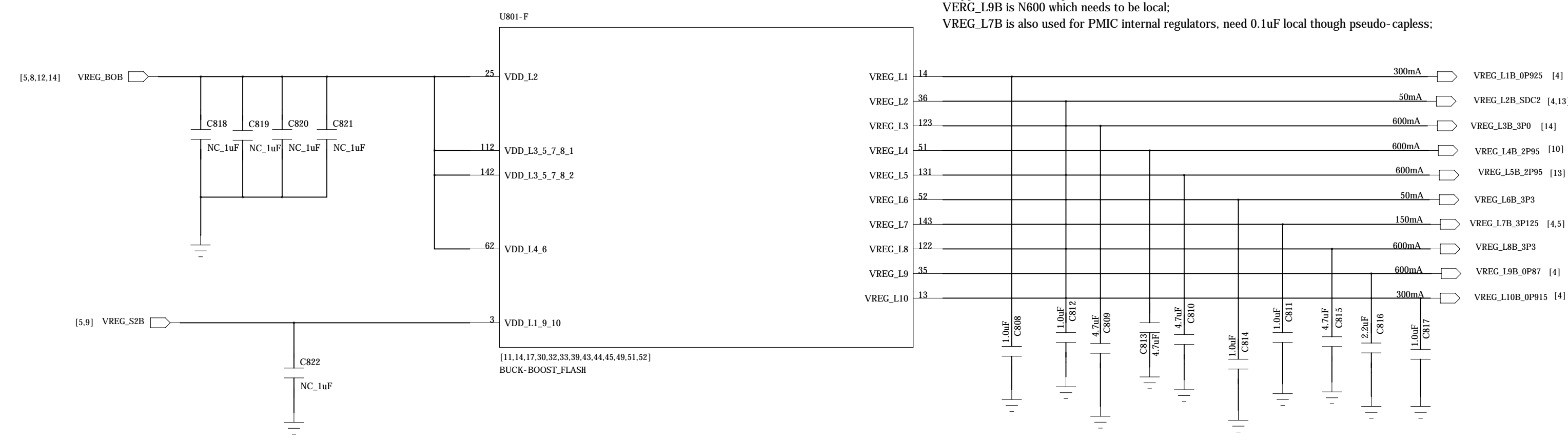
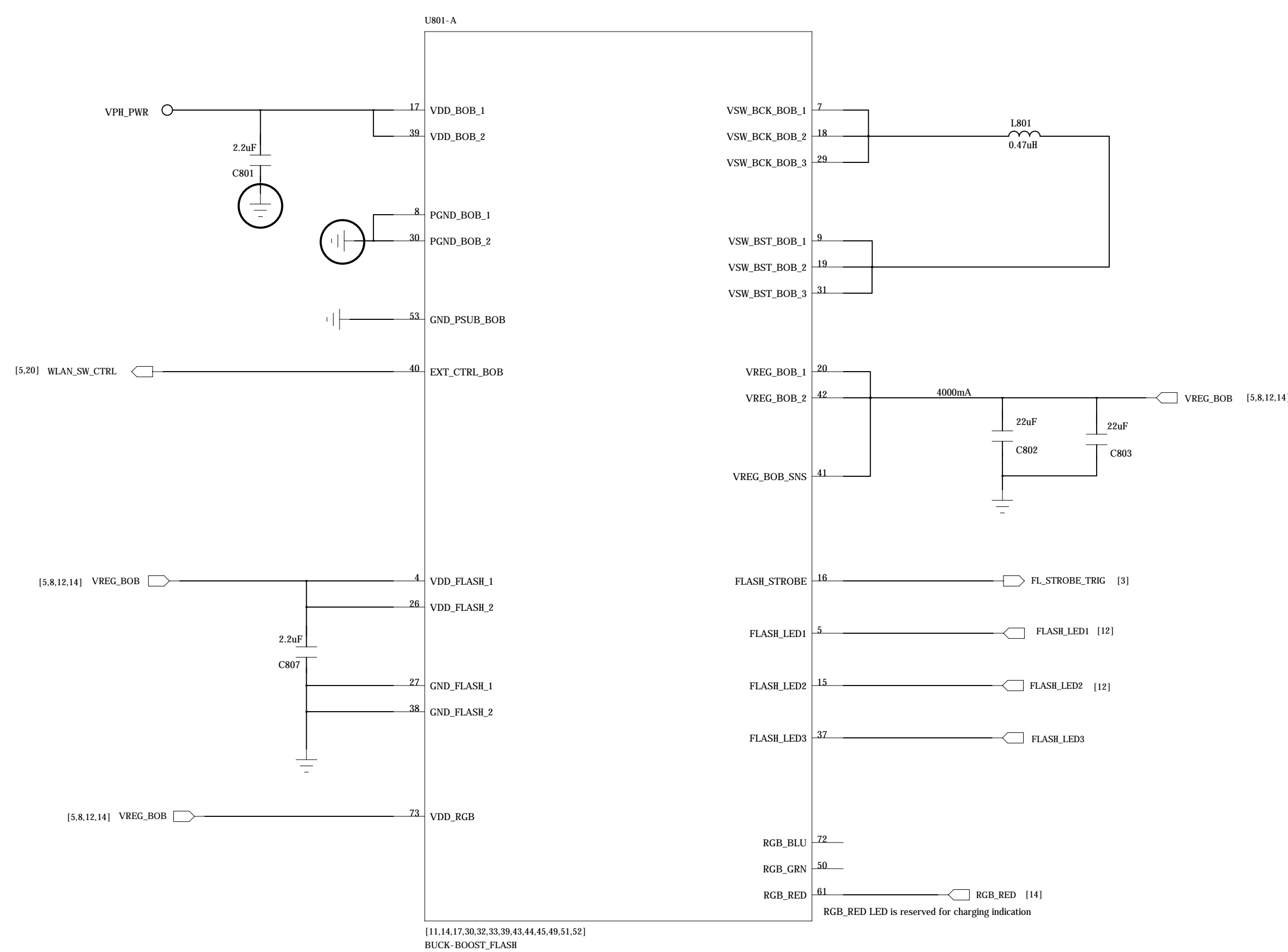
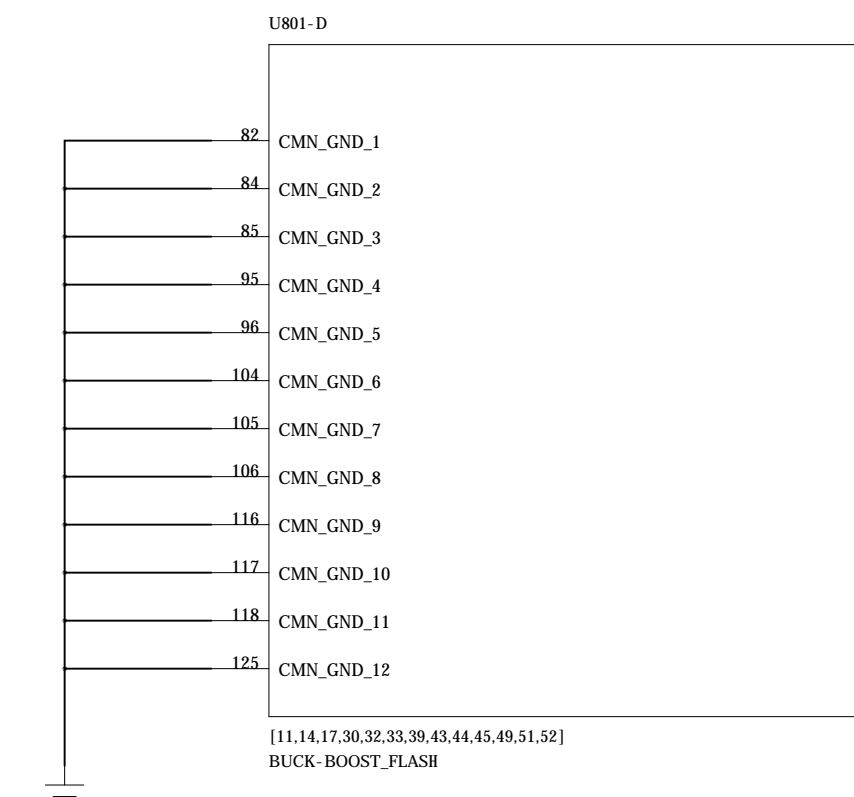
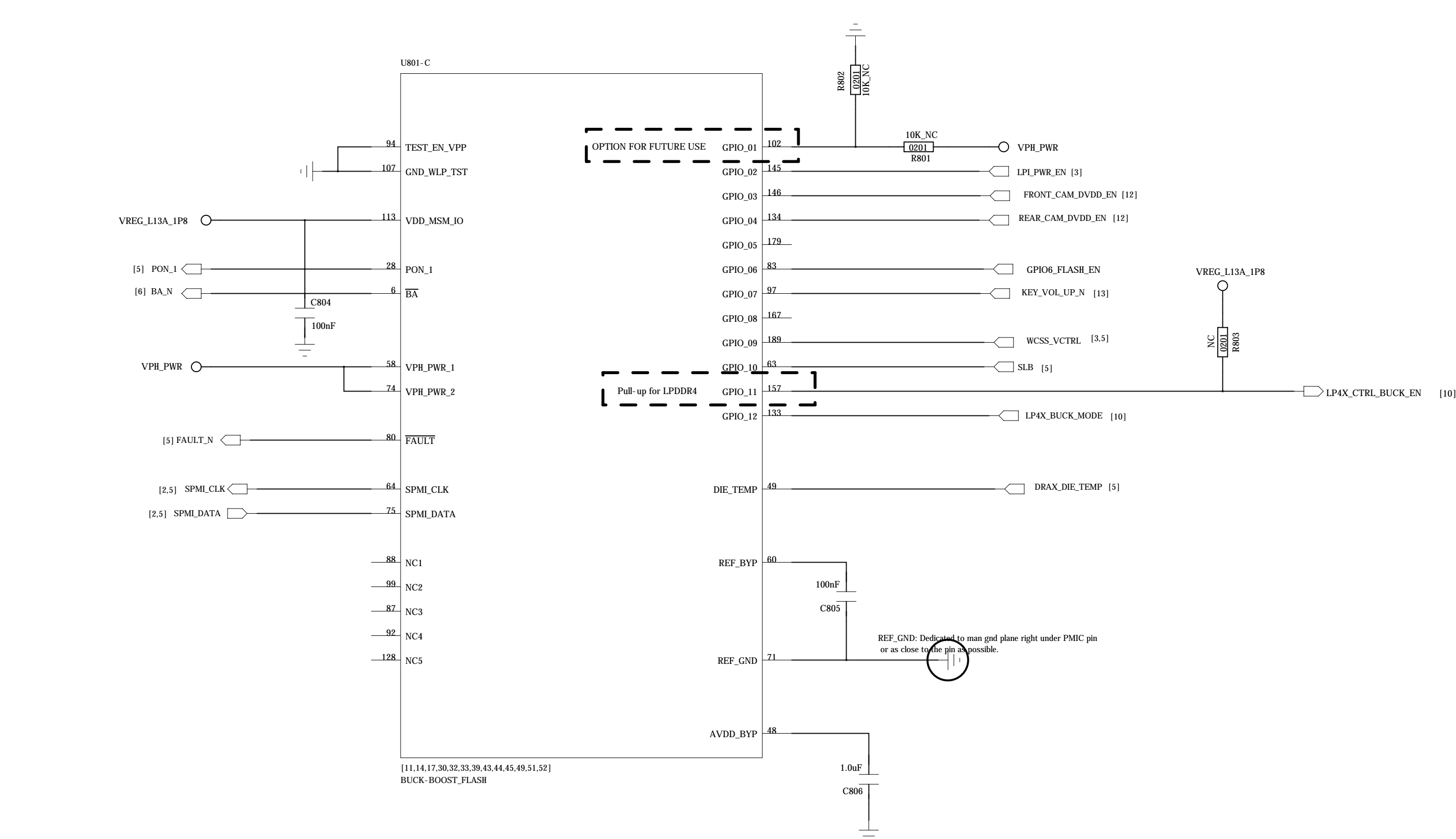


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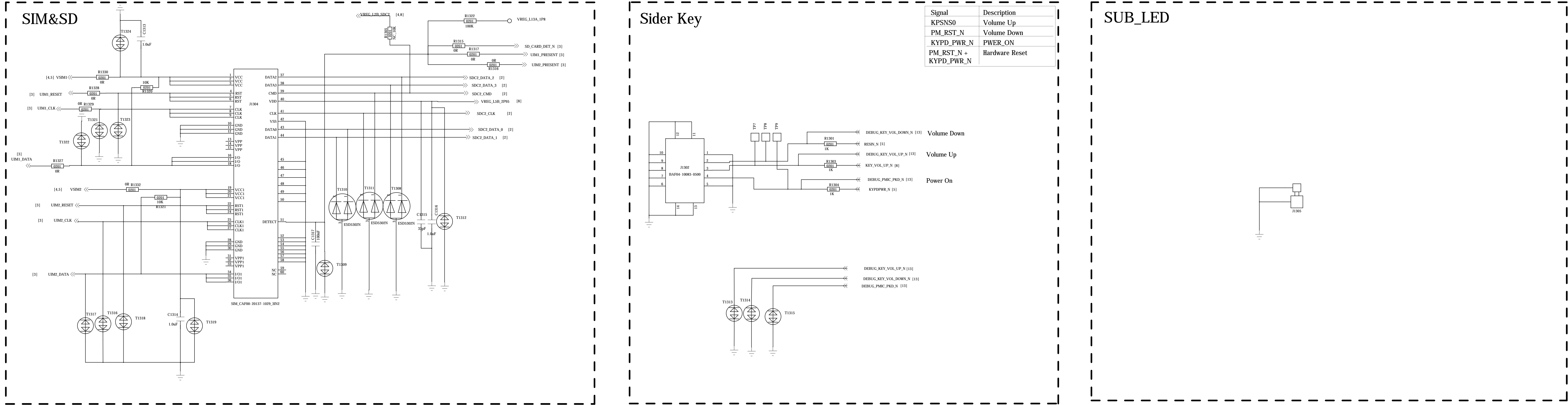
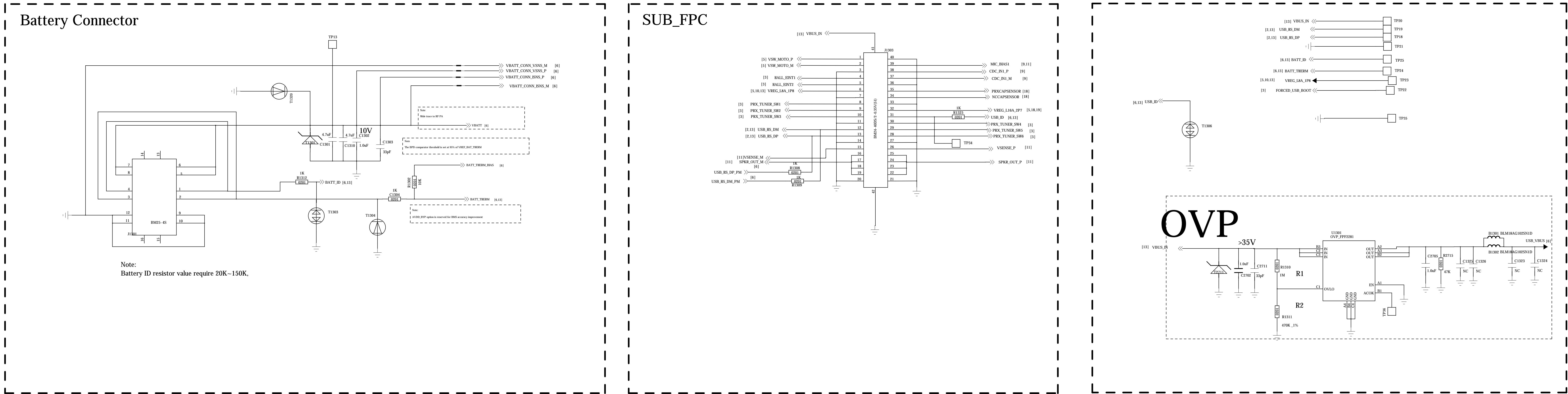








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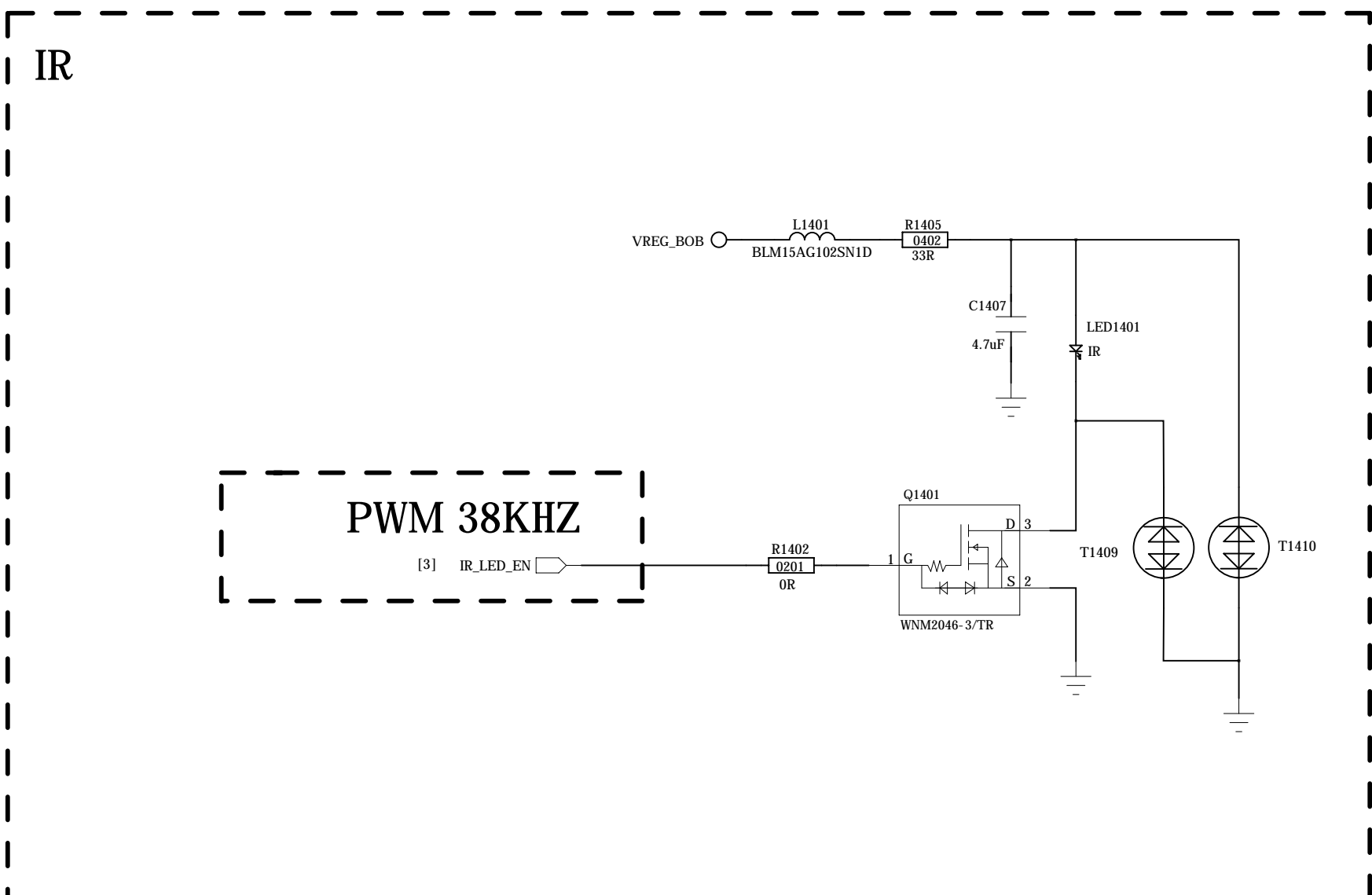
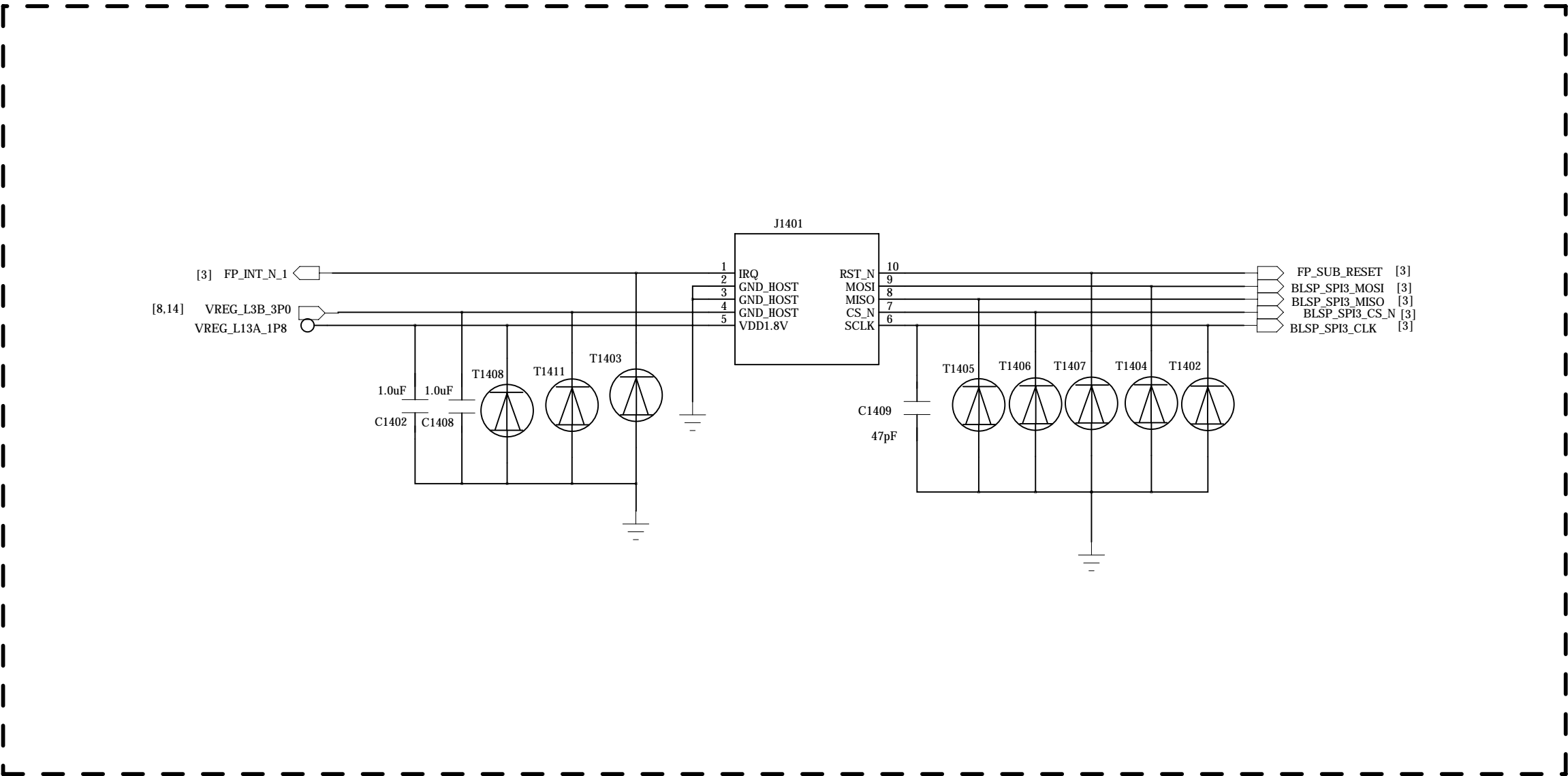
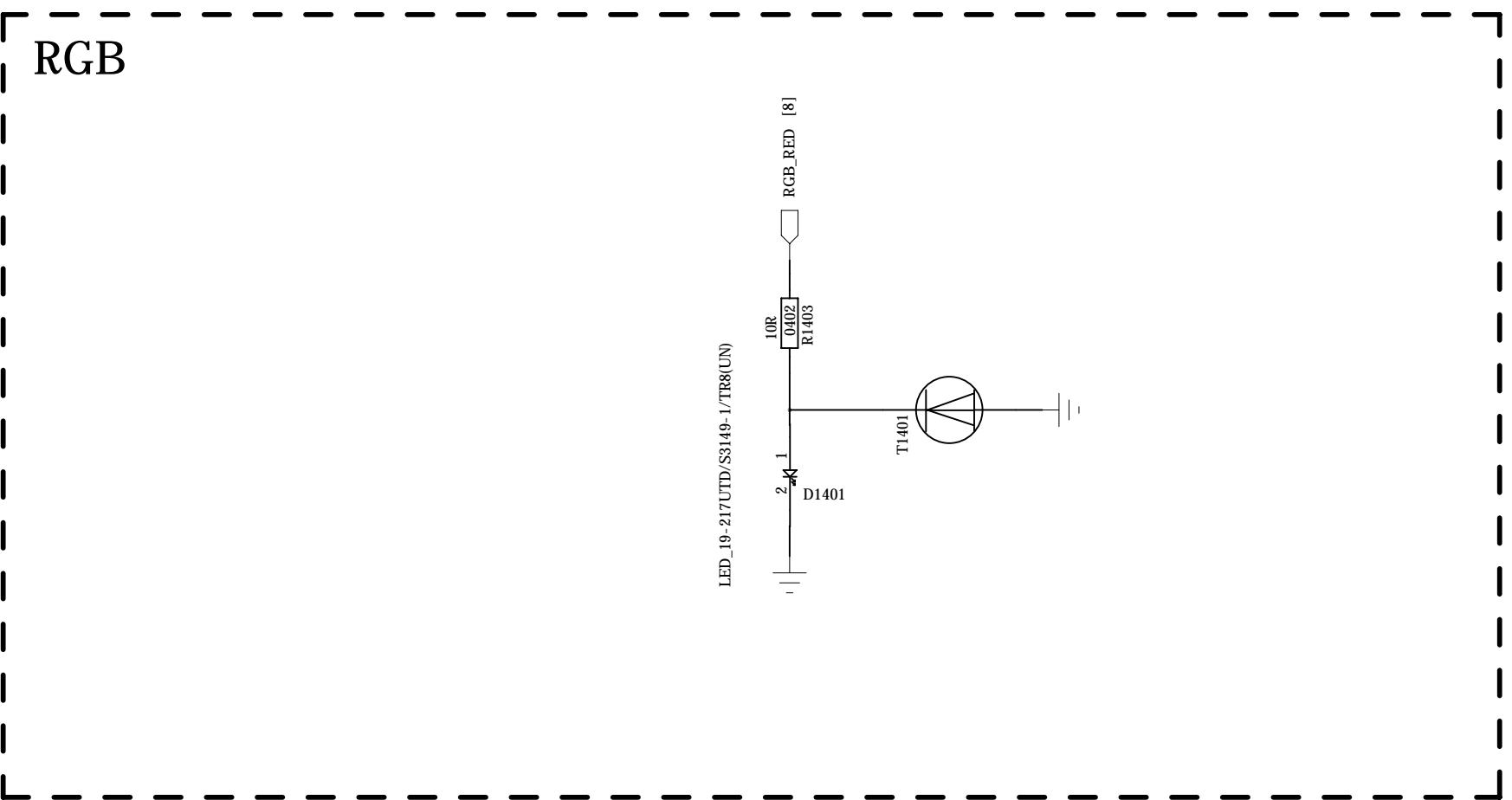
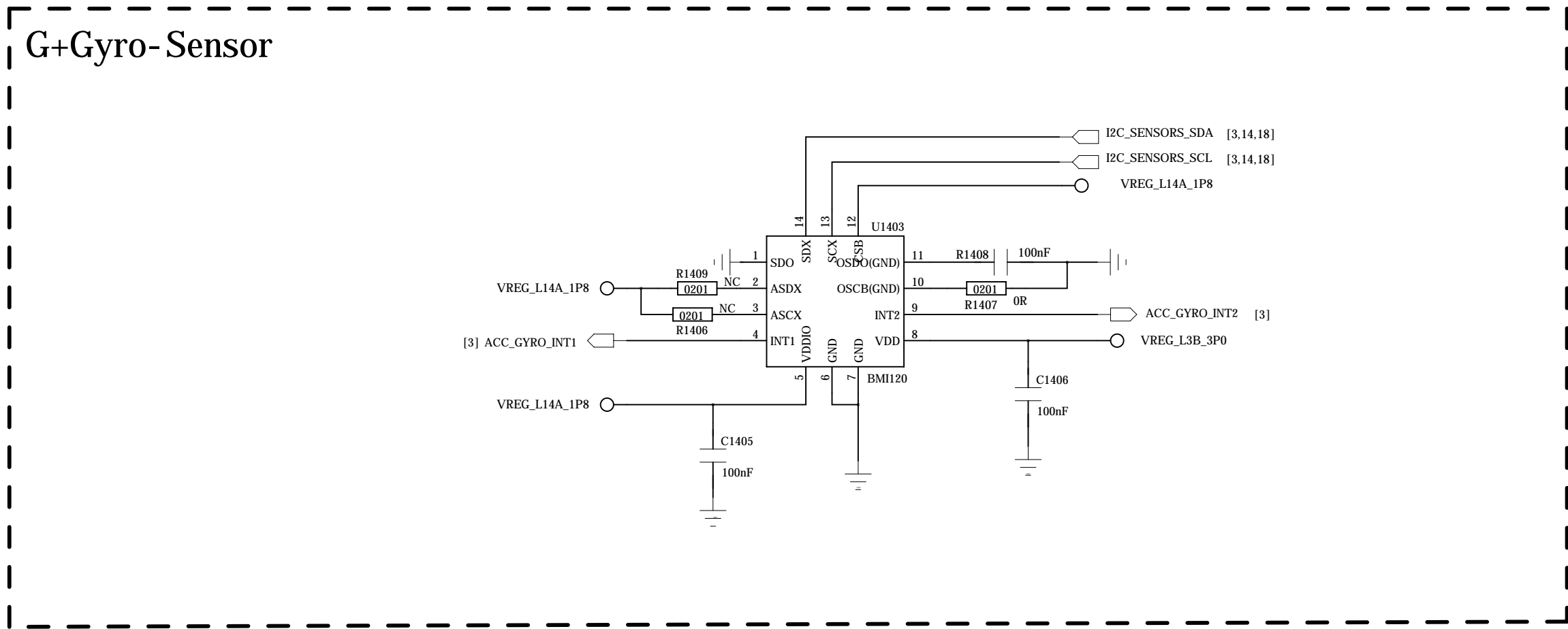
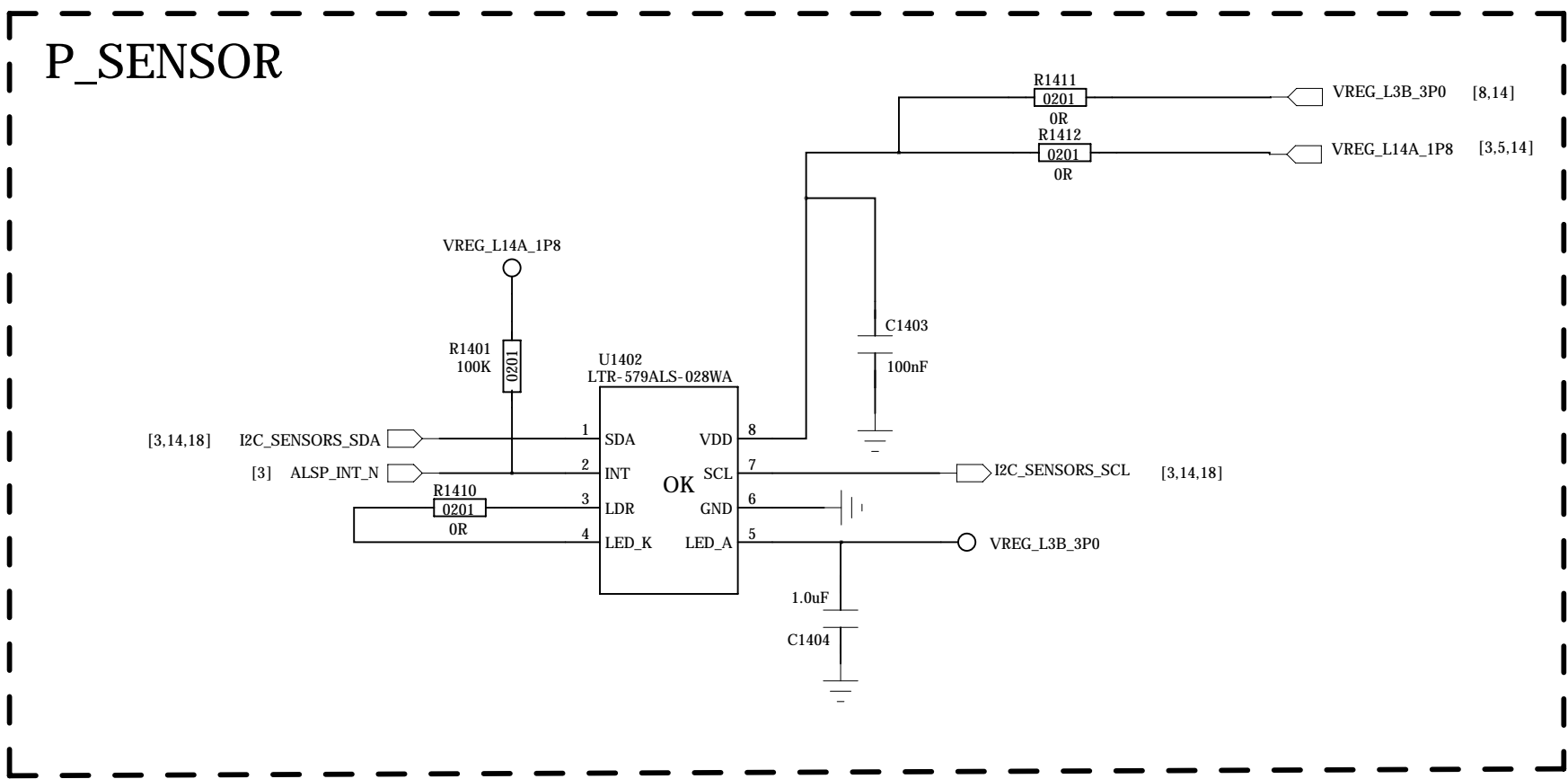
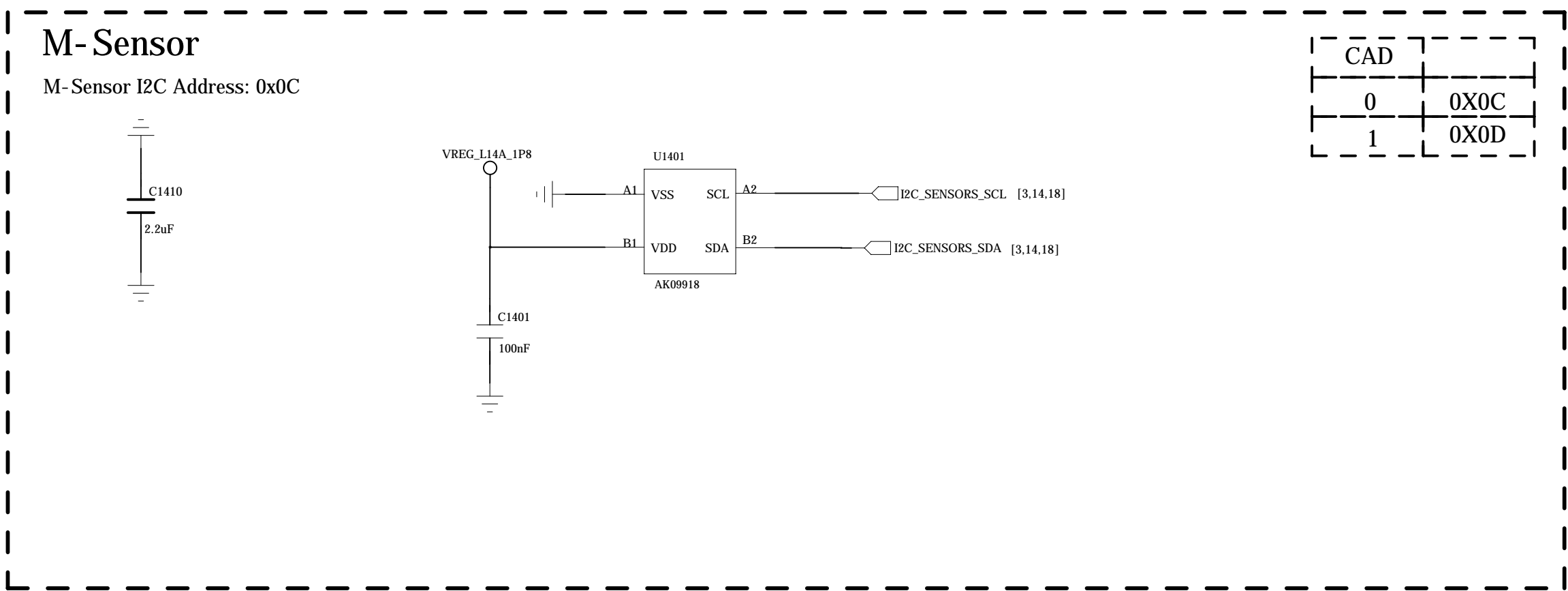
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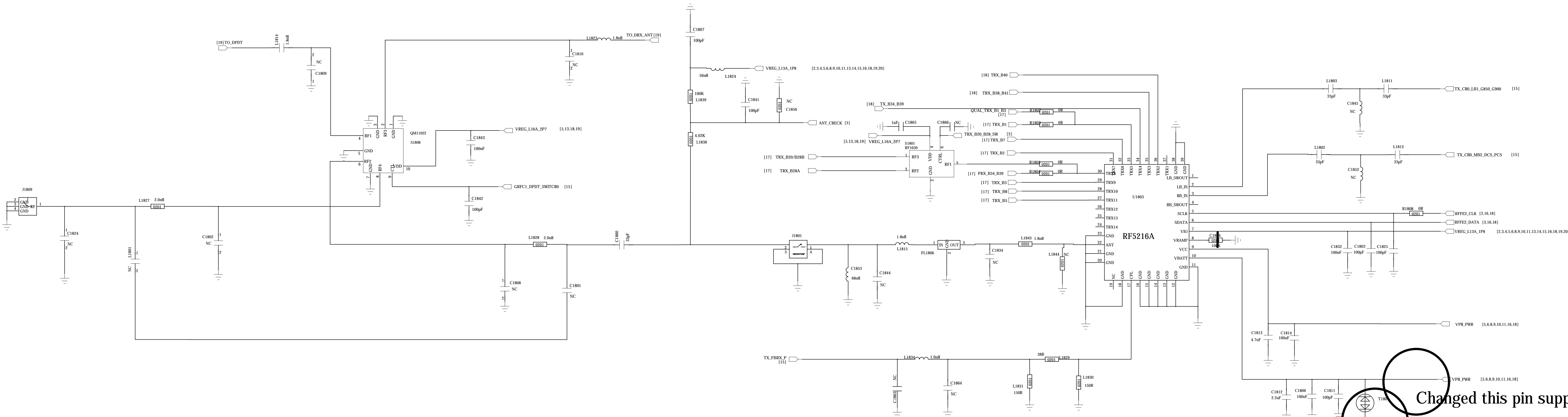




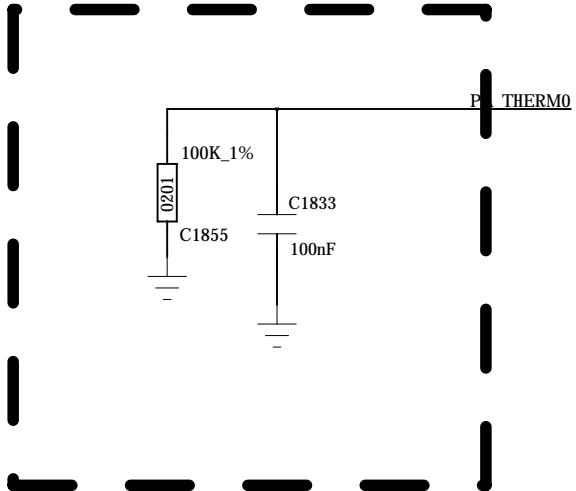
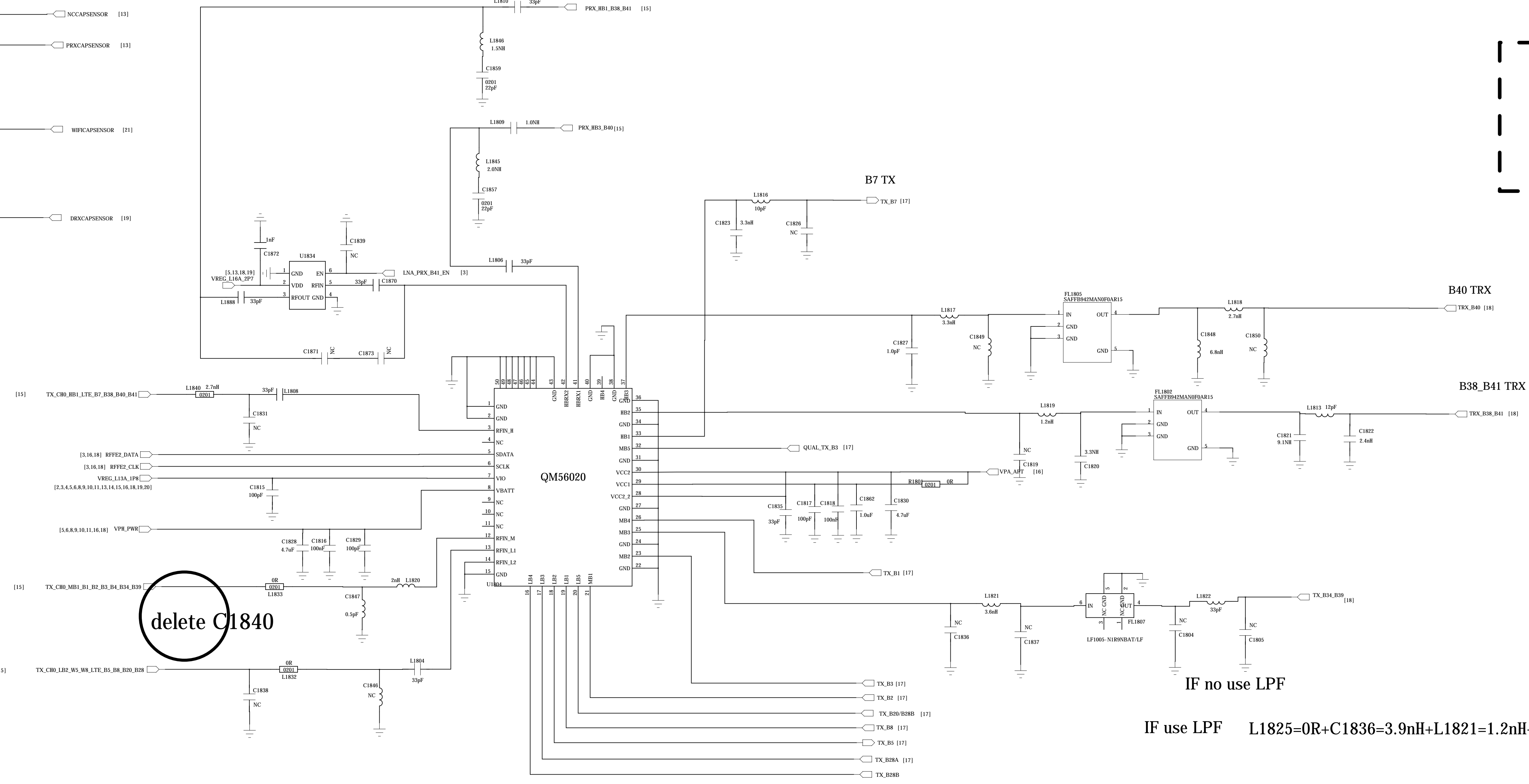
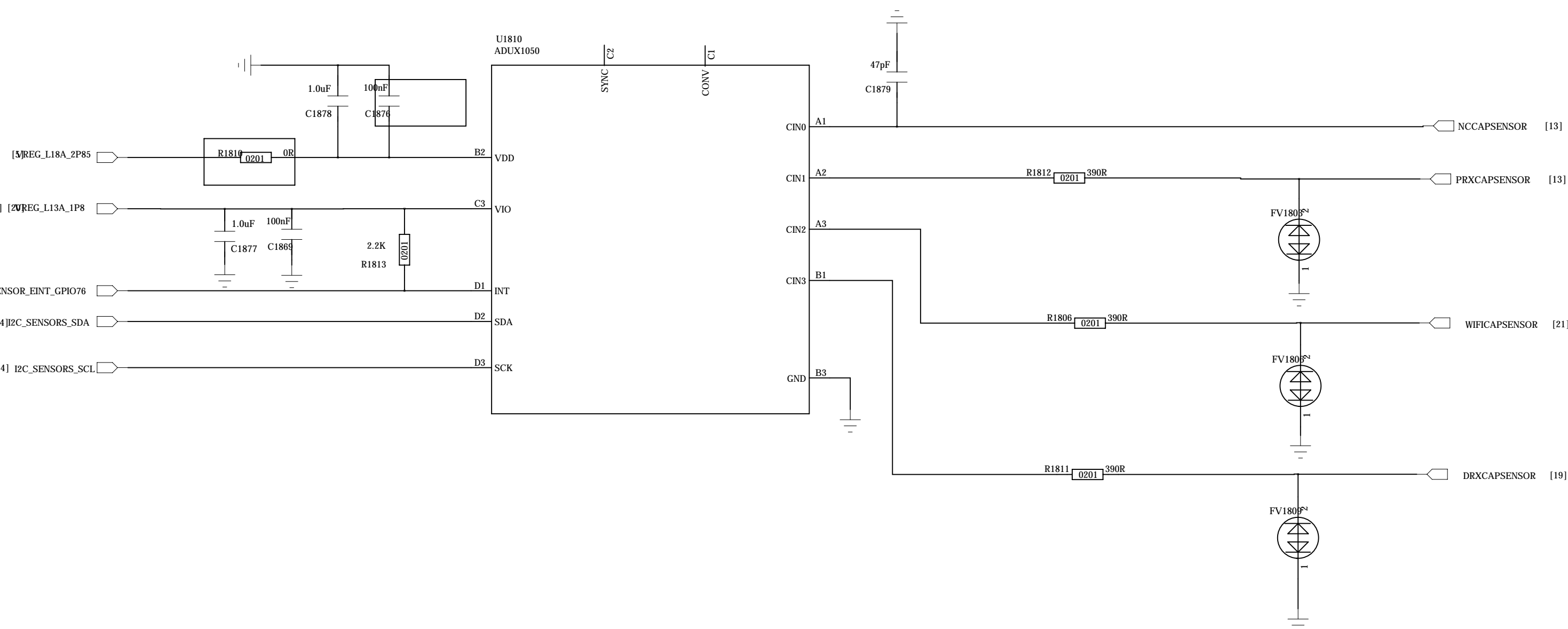
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SAR Sensor

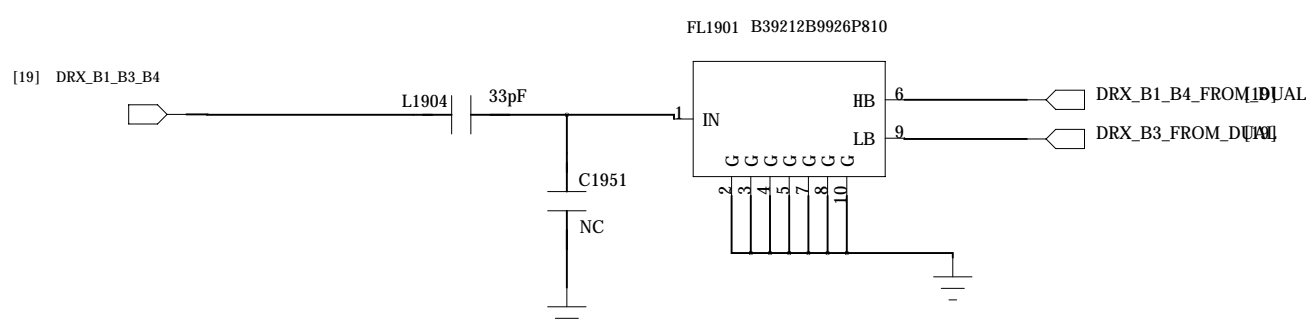


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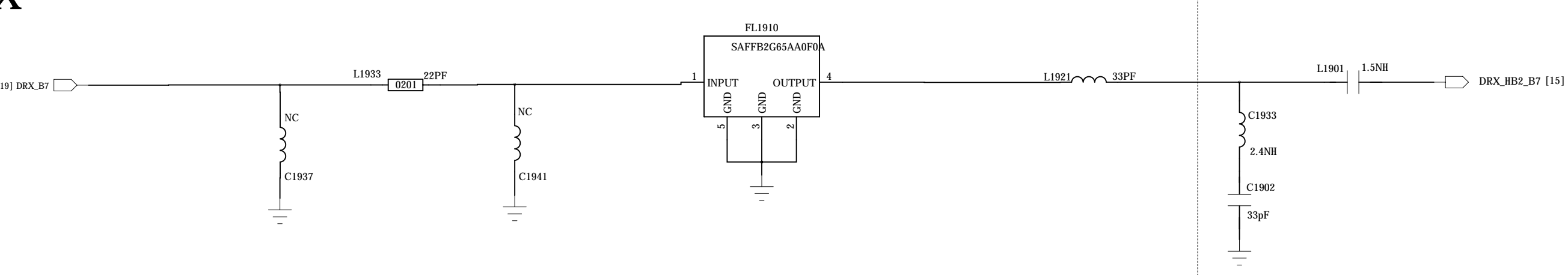


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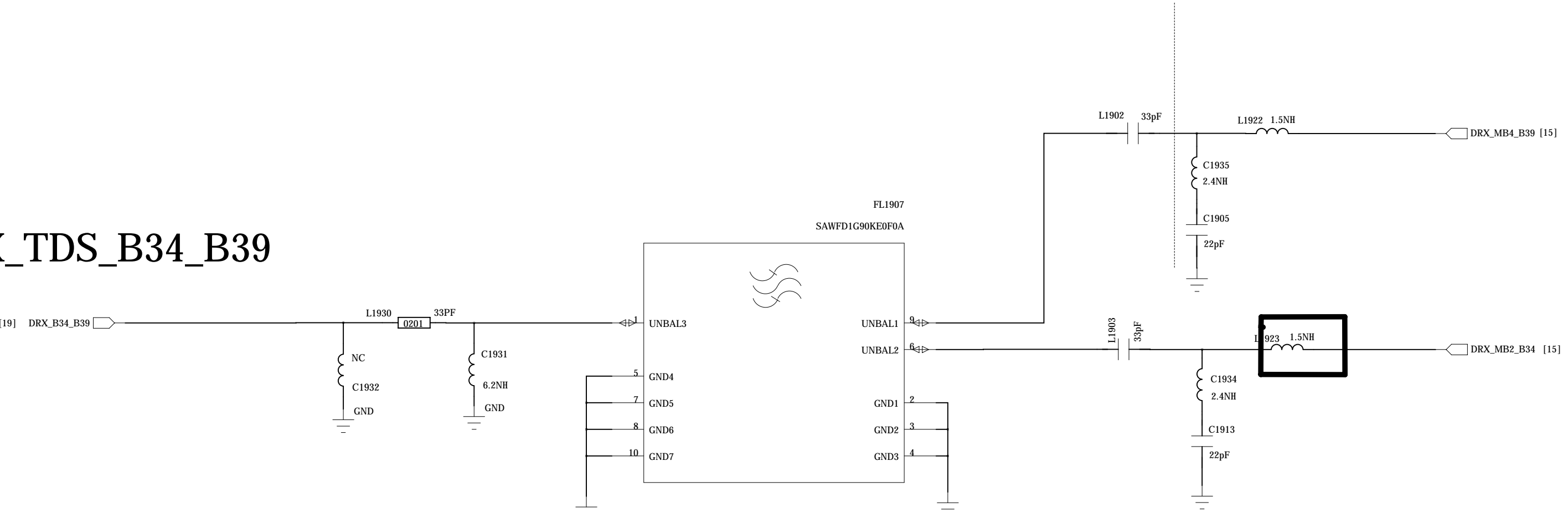
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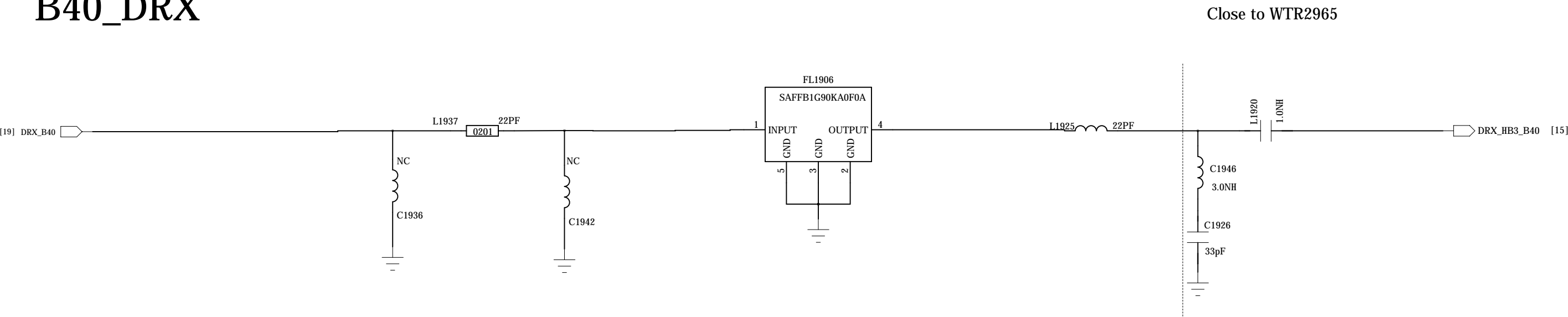
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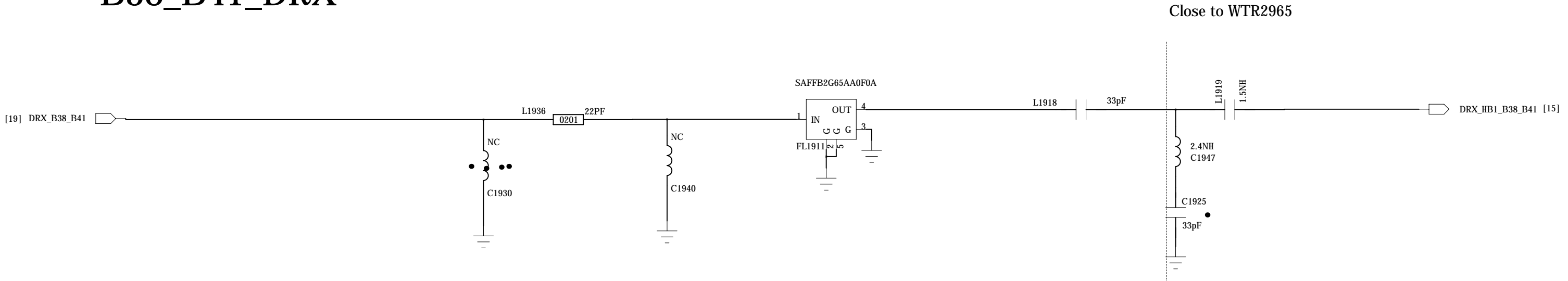
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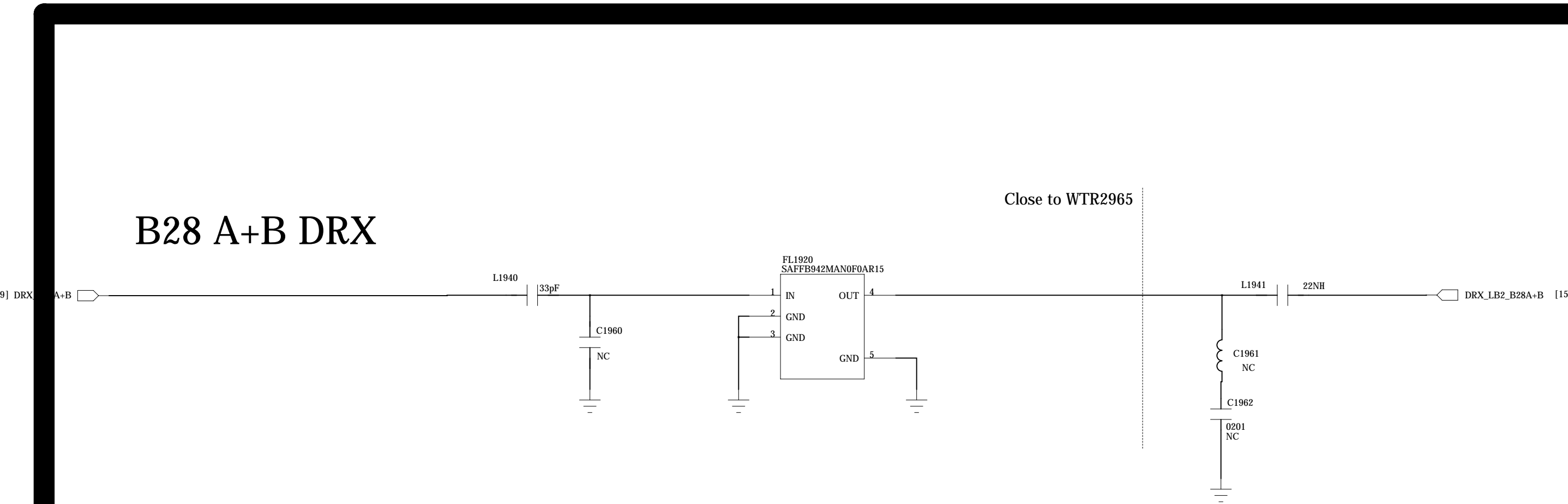
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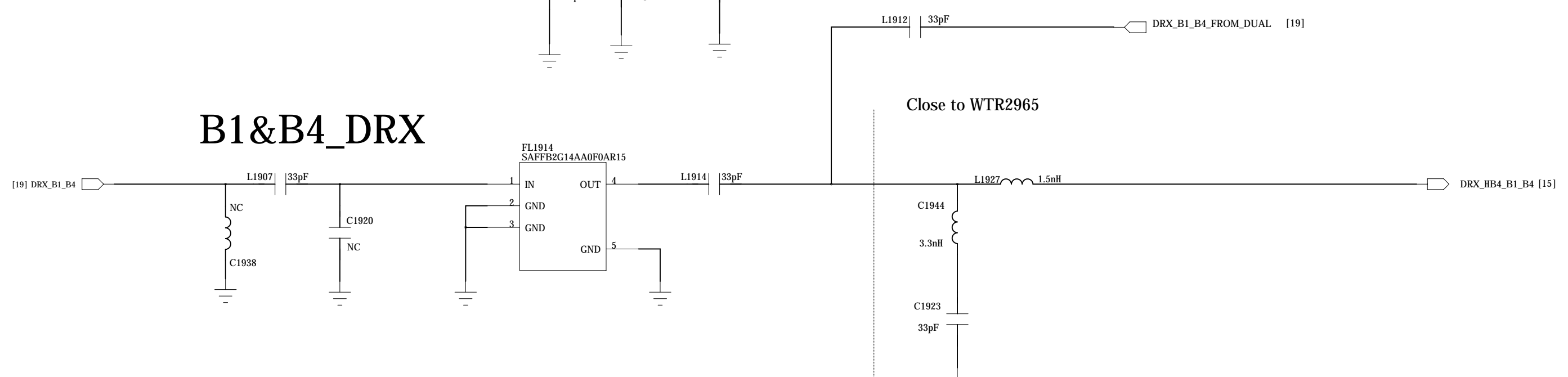
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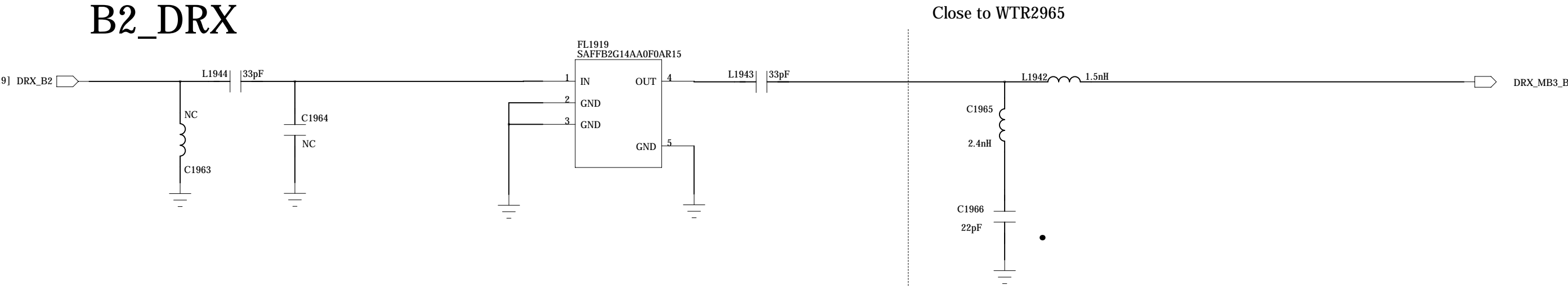
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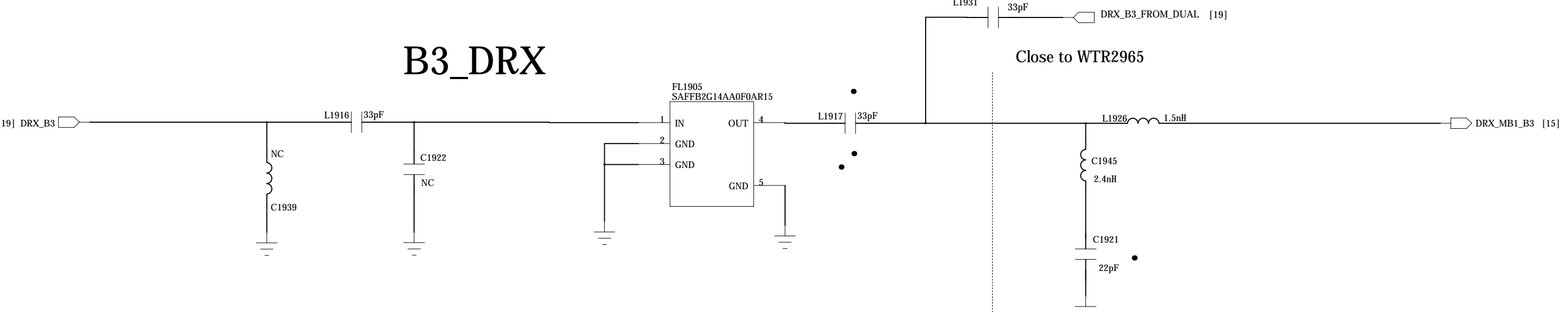
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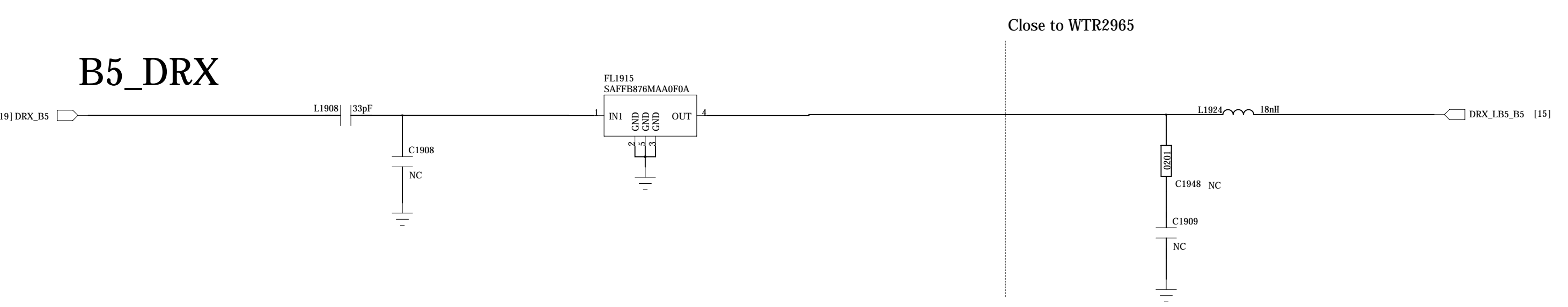
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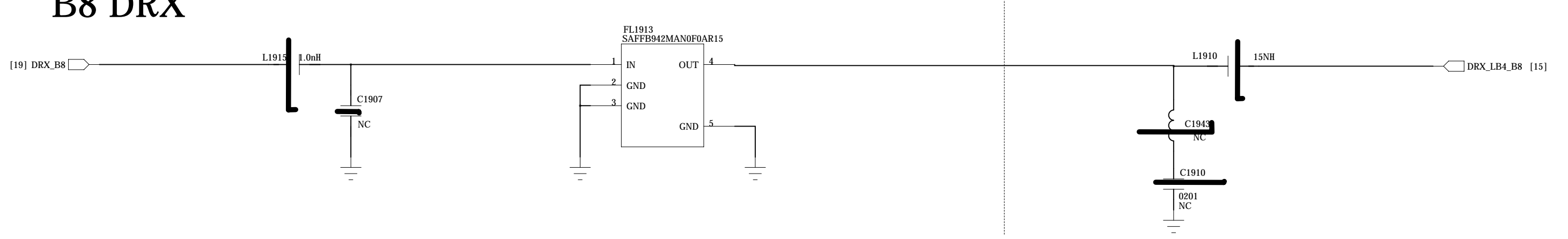
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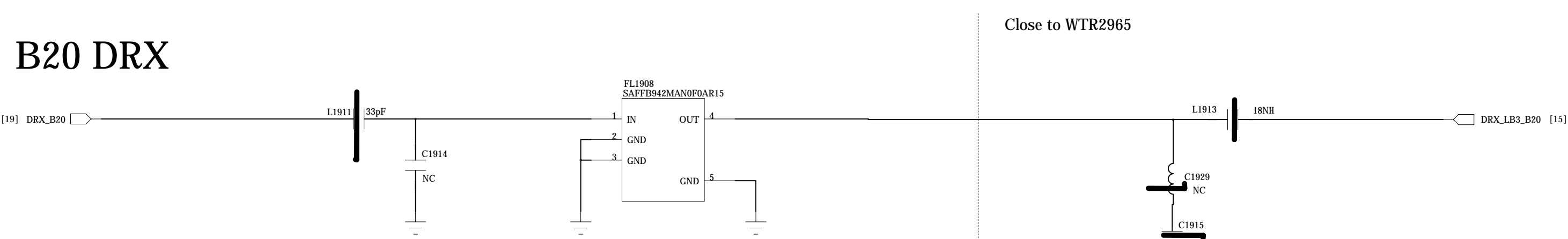
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B8 DRX



B20 DRX

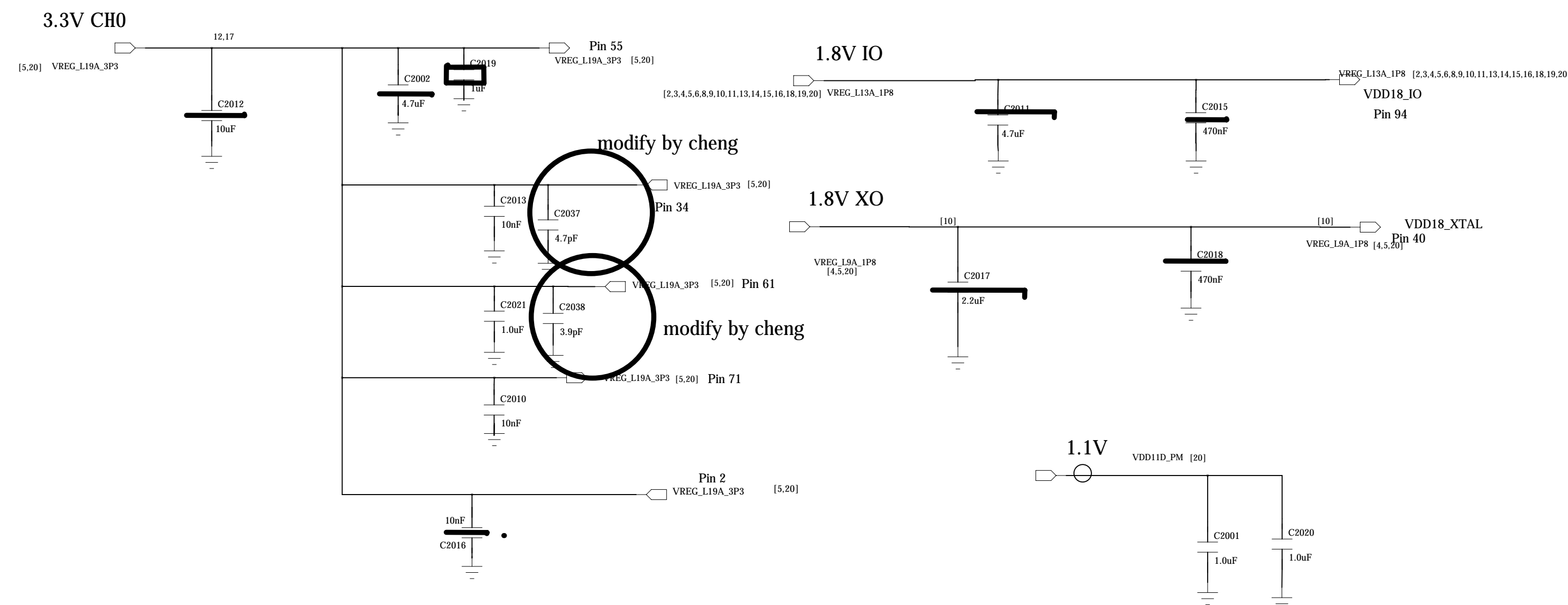
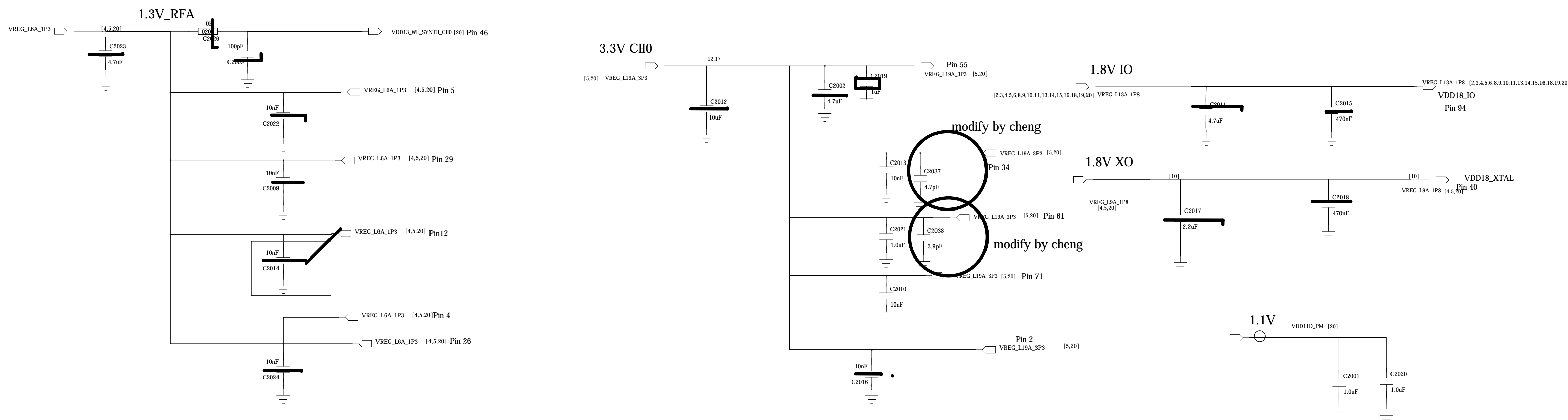
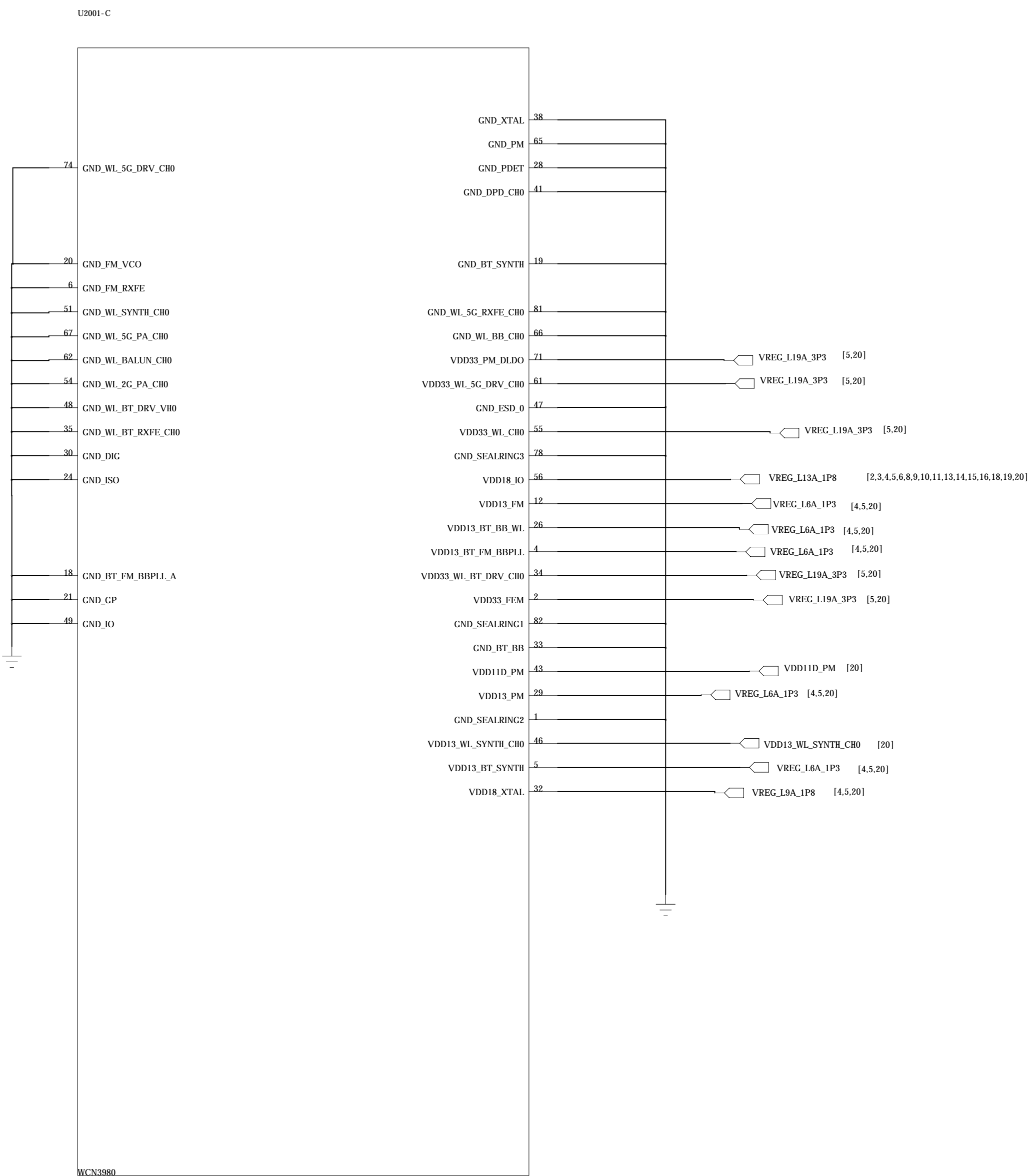
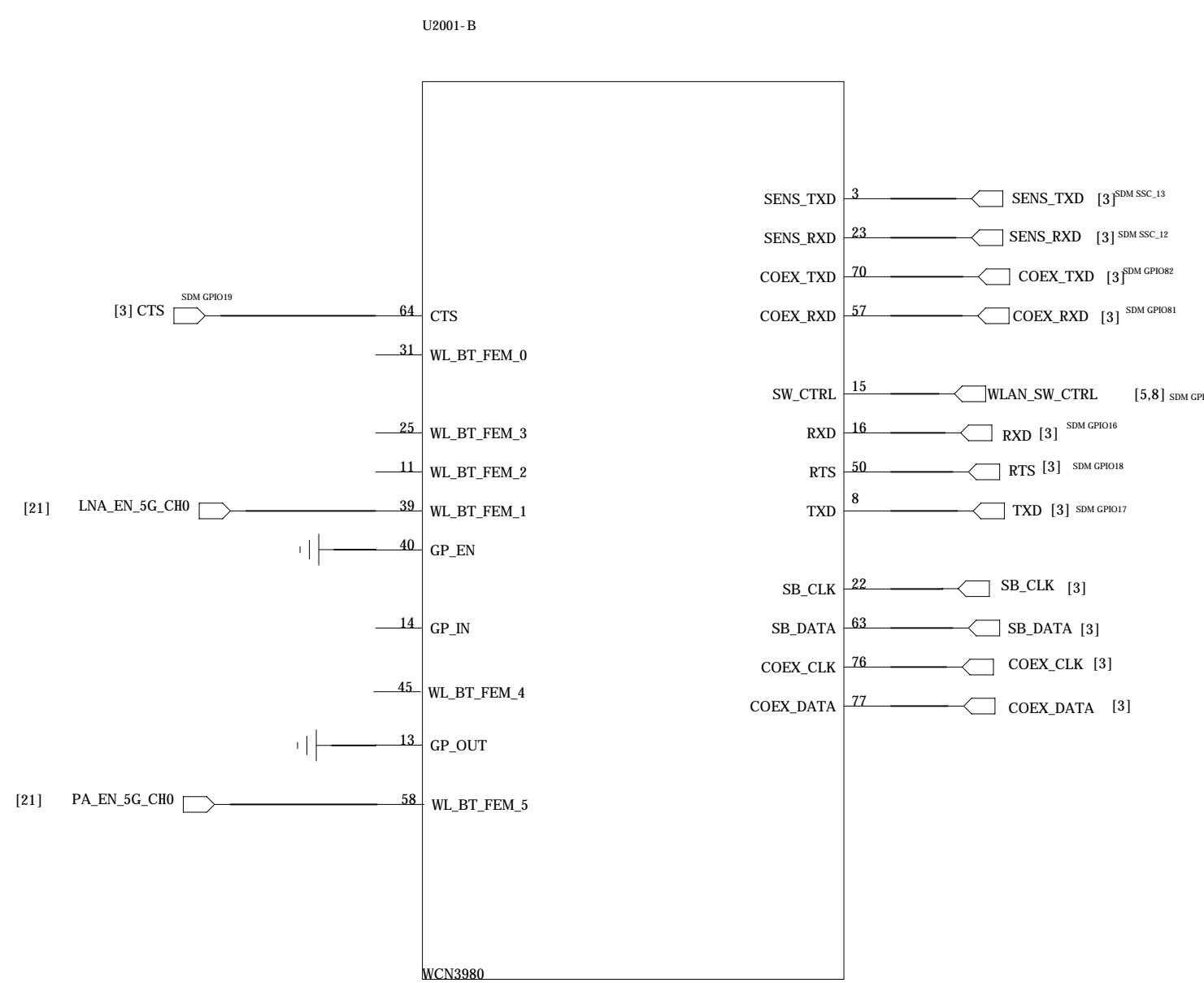
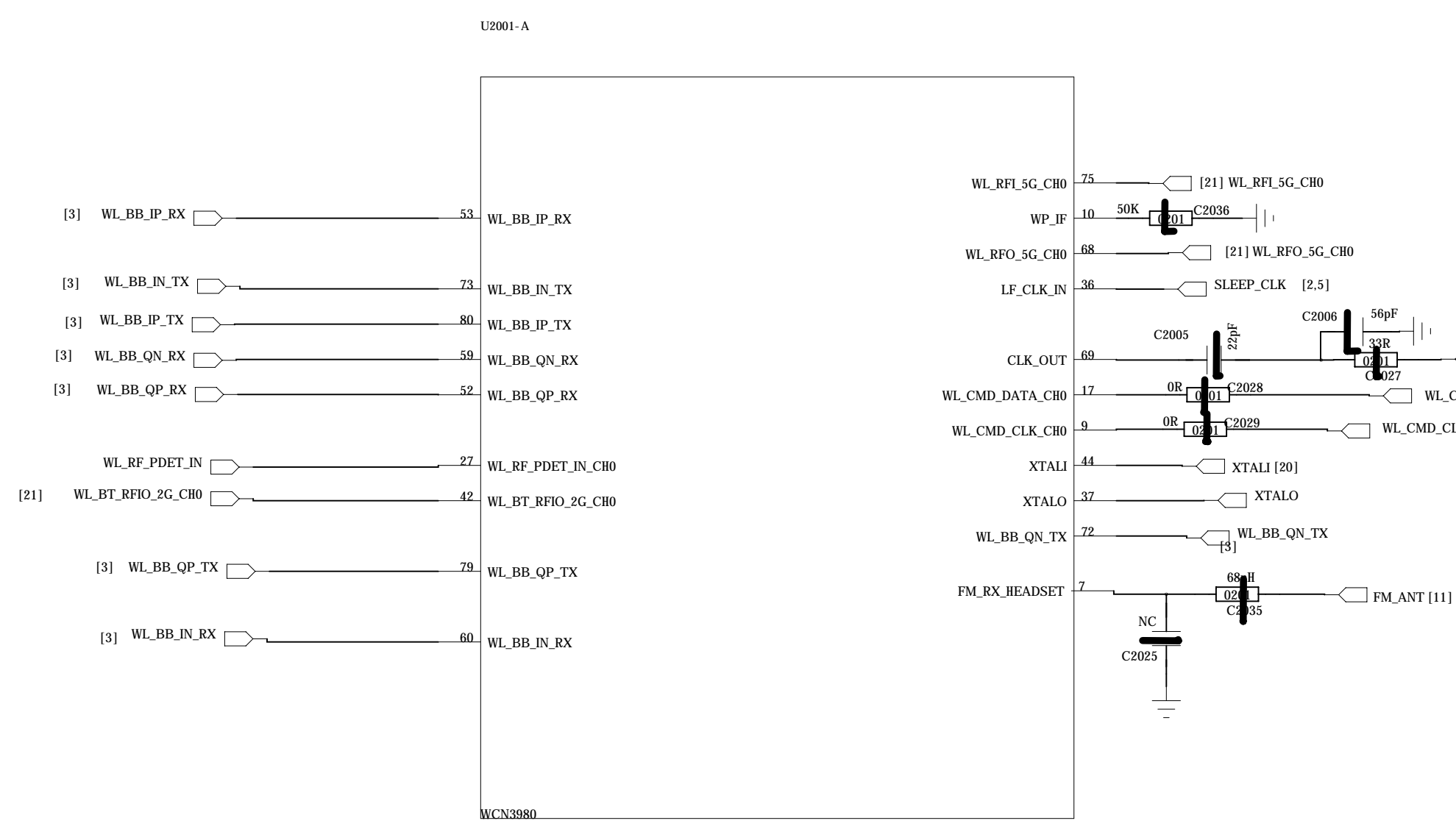


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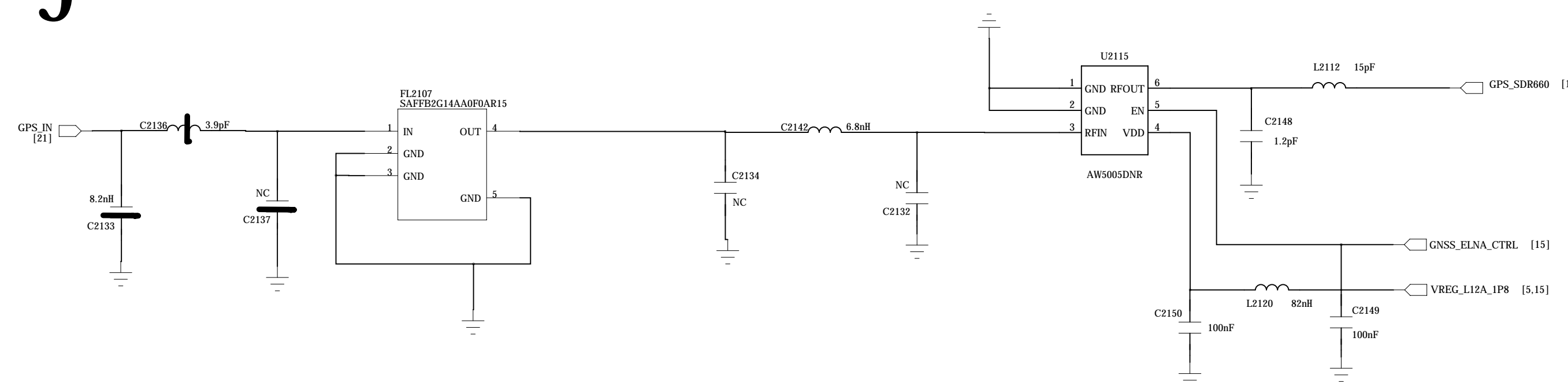


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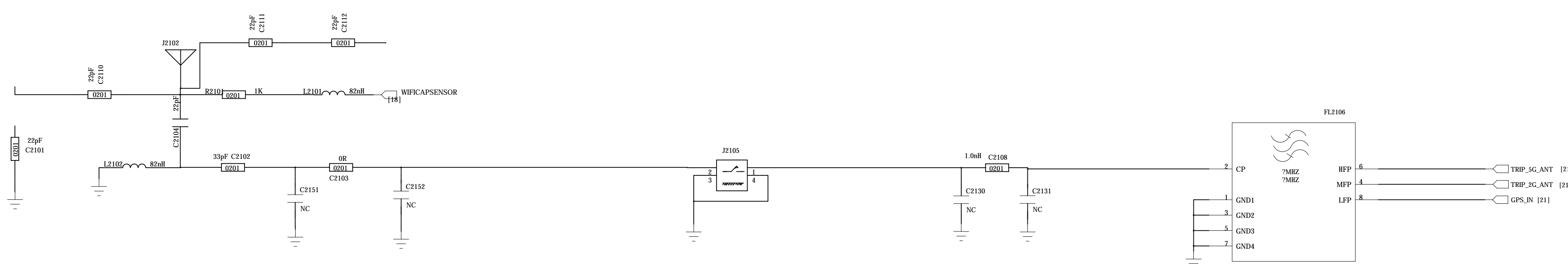
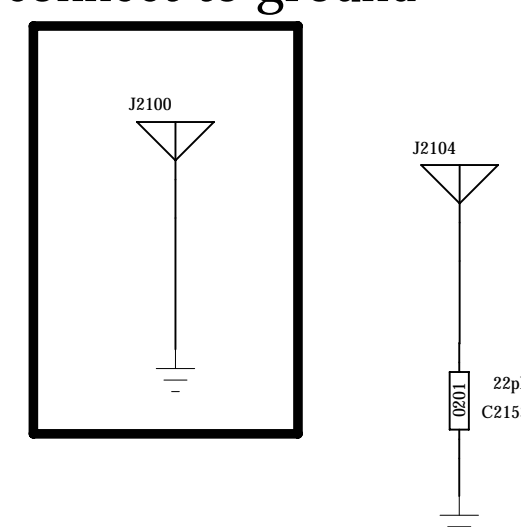
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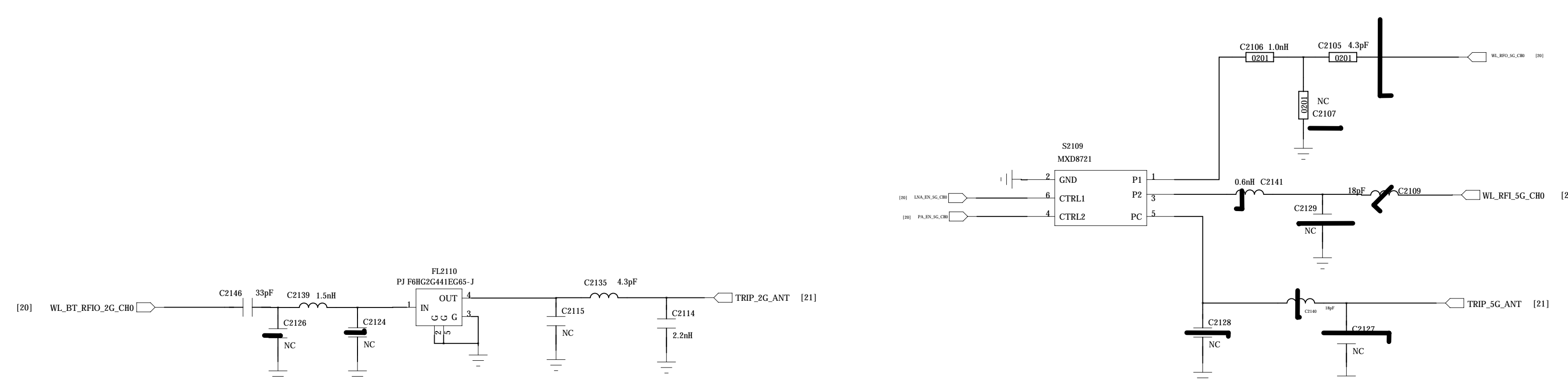


## GPS\_2G\_5G\_ANT

used for connect to ground



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