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## Revision History

SCHEMATIC MCN	HW VERSION	VERSION	DESCRIPTION OF CHANGE
	PRE_EVT	A	PRE_EVT Initial release

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### MSM8909 GPIO Configuration For QRD8909

GPIO_0	BLC_EN	GPIO_41	WCSS_WLAN_DATA_1	GPIO_82	DRX_B7_B41_B38_SWITCH_SEL
GPIO_1	NC	GPIO_42	WCSS_WLAN_DATA_0	GPIO_83	ANTENA_TUNER_CTRL2
GPIO_2	NC	GPIO_43	WCSS_WLAN_SET	GPIO_84	EXT_GPS_INA_EN
GPIO_3	NC	GPIO_44	WCSS_WLAN_CLK	GPIO_85	CH0_GSM_TX_PHASE_D0
GPIO_4	UART_MSM_TX	GPIO_45	WCSS_FM_SSB1	GPIO_86	RFFE5_CLK
GPIO_5	UART_MSM_RX	GPIO_46	WCSS_FM_SDI	GPIO_87	RFFE5_DATA
GPIO_6	SENSOR_I2C_SDA	GPIO_47	WCSS_BT_CTRL	GPIO_88	DRX_B20_LNA_EN
GPIO_7	SENSOR_I2C_SCL	GPIO_48	WCSS_BT_DAT_STB	GPIO_89	NC
GPIO_8	LCD_ID0	GPIO_49	WGR_GPS_SSB1	GPIO_90	KEY_VOL_UP_N
GPIO_9	NC	GPIO_50	SIM_EINT	GPIO_91	LIGHT_SENSOR_INT
GPIO_10	NC	GPIO_51	NC	GPIO_92	CAPSENSOR_EINT
GPIO_11	LCM_DCDC_EN	GPIO_52	NC	GPIO_93	RGB_SEL
GPIO_12	TP_RST_N	GPIO_53	UIM1_DATA	GPIO_94	MAG_RST
GPIO_13	TP_INT_N	GPIO_54	UIM1_CLK	GPIO_95	CAMHALL_INT
GPIO_14	BUCK_SMB_I2C_SDA	GPIO_55	UIM1_RESET	GPIO_96	ACCL_INT1_N
GPIO_15	BUCK_SMB_I2C_SCL	GPIO_56	NC	GPIO_97	HPDET_EINT
GPIO_16	AUDIO_PA_EN_L	GPIO_57	UIM_BATT_ALM	GPIO_98	NC
GPIO_17	AUDIO_PA_EN_R	GPIO_58	SMB_INT	GPIO_99	SWITCH_EN
GPIO_18	TP_I2C_SDA	GPIO_59	CDC_PDM_CLK	GPIO_100	SDC1_CLK
GPIO_19	TP_I2C_SCL	GPIO_60	CDC_PDM_SYNC	GPIO_101	SDC1_DATA7
GPIO_20	HALL_INT1	GPIO_61	CDC_PDM_TX	GPIO_102	SDC1_DATA6
GPIO_21	HALL_INT2	GPIO_62	CDC_PDM_RX0	GPIO_103	SDC1_DATA5
GPIO_22	NC	GPIO_63	CDC_PDM_RX1	GPIO_104	SDC1_DATA4
GPIO_23	USB_OTG_SELECT	GPIO_64	CDC_PDM_RX2	GPIO_105	SDC1_DATA3
GPIO_24	NC	GPIO_65	ACCL_INT2_N	GPIO_106	SDC1_DATA2
GPIO_25	LCD_RST_N	GPIO_66	RFFE1_CLK	GPIO_107	SDC1_DATA1
GPIO_26	CAM_MCLK	GPIO_67	RFFE1_DATA	GPIO_108	SDC1_DATA0
GPIO_27	CAM_DET1	GPIO_68	NC	GPIO_109	SDC1_CMD
GPIO_28	CAM_DET2	GPIO_69	NC	GPIO_110	NC
GPIO_29	CAM_I2C_SDA	GPIO_70	PRX_B34_B39_SEL	GPIO_111	NC
GPIO_30	CAM_I2C_SCL	GPIO_71	PRX_B38_B41_B7_SEL	GPIO_112	NC
GPIO_31	CAM_DVDD_EN	GPIO_72	PRX_B1_B3_SEL		
GPIO_32	CAM_AVDD_EN	GPIO_73	PRX_B2_B4_SEL		
GPIO_33	CAM_VCM_EN	GPIO_74	TX_B4_B34_B39_SEL		
GPIO_34	MCAM_PWDN	GPIO_75	TX_B20_B5_B19_SEL		
GPIO_35	MCAM_RST_N	GPIO_76	TX_DA1_V1		
GPIO_36	HALL_INT_N	GPIO_77	TX_DA1_V2		
GPIO_37	FORCED_USB_BOOT	GPIO_78	TX_DA2_V1		
GPIO_38	SD_CARD_DET	GPIO_79	TX_DA2_V2		
GPIO_39	WCSS_BT_SSB1	GPIO_80	DRX_B39_B3_SWITCH_SEL		
GPIO_40	WCSS_WLAN_DATA_2	GPIO_81	DRX_B7_B41_B38_SWITCH_SEL		

### PM8909 GPIO/MPP Configuration For QRD8909

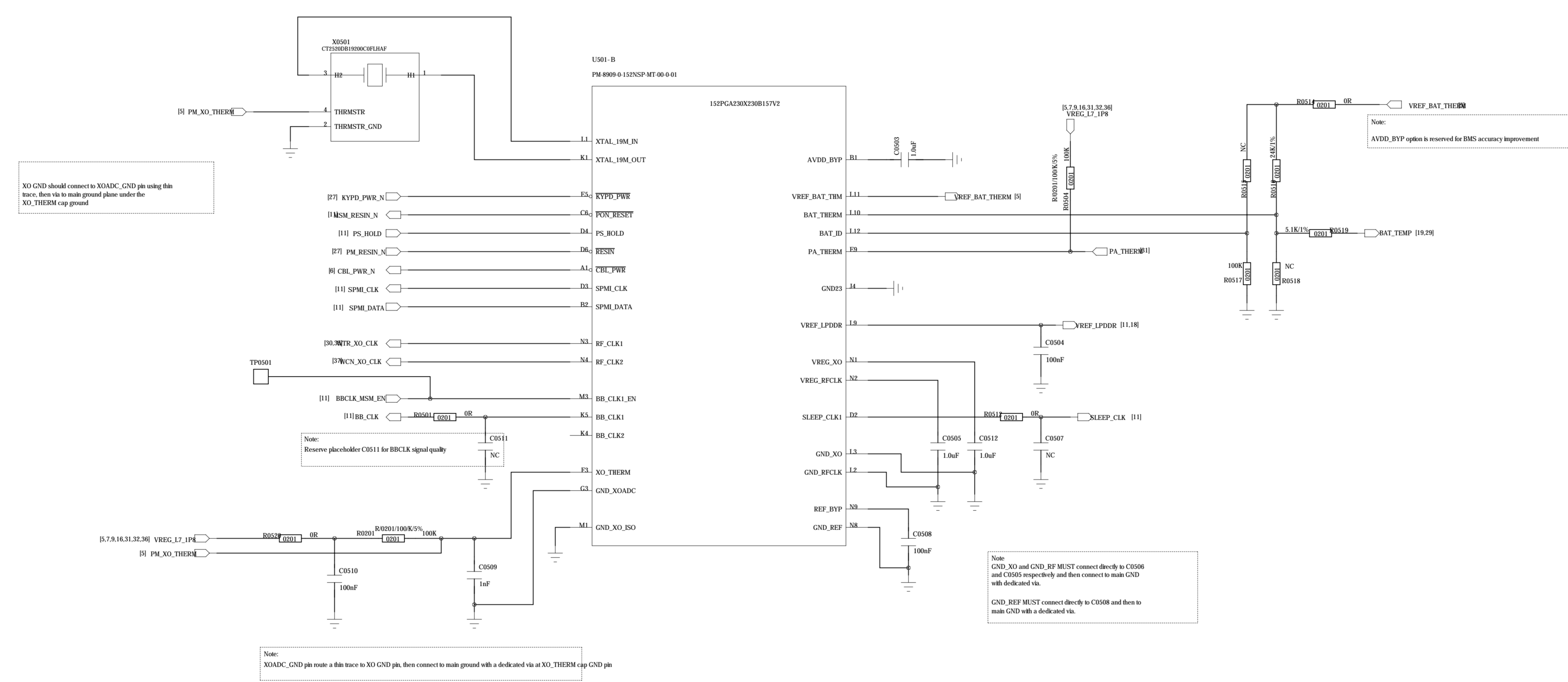
GPIO_1	NC	MPP_1	VDD_PX_BIAS_MPP
GPIO_2	NC	MPP_2	PWM_OUT
GPIO_3	UIM_BATT_ALM	MPP_3	VREF_DAC_MPP
GPIO_4	NC	MPP_4	NC

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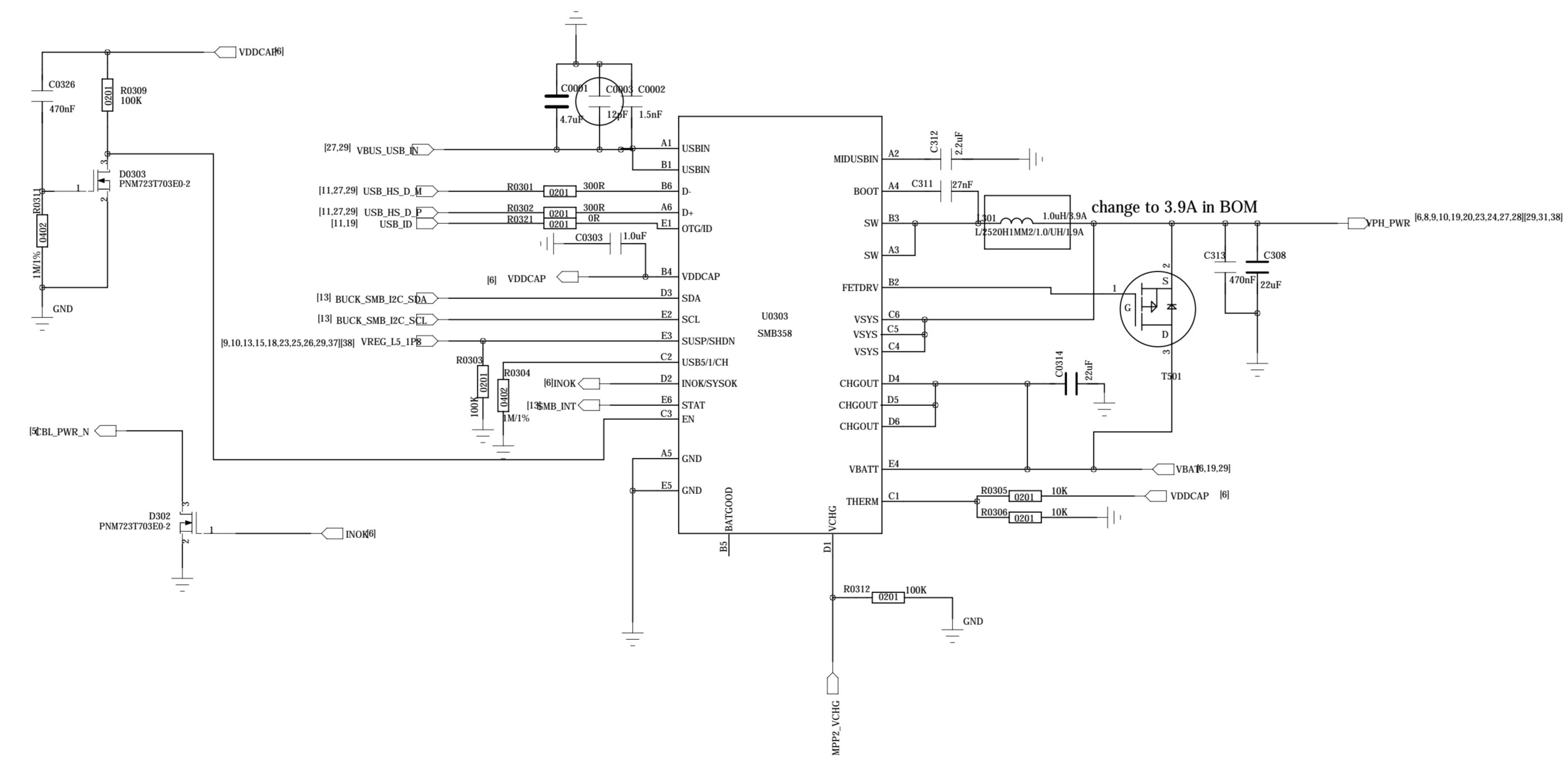
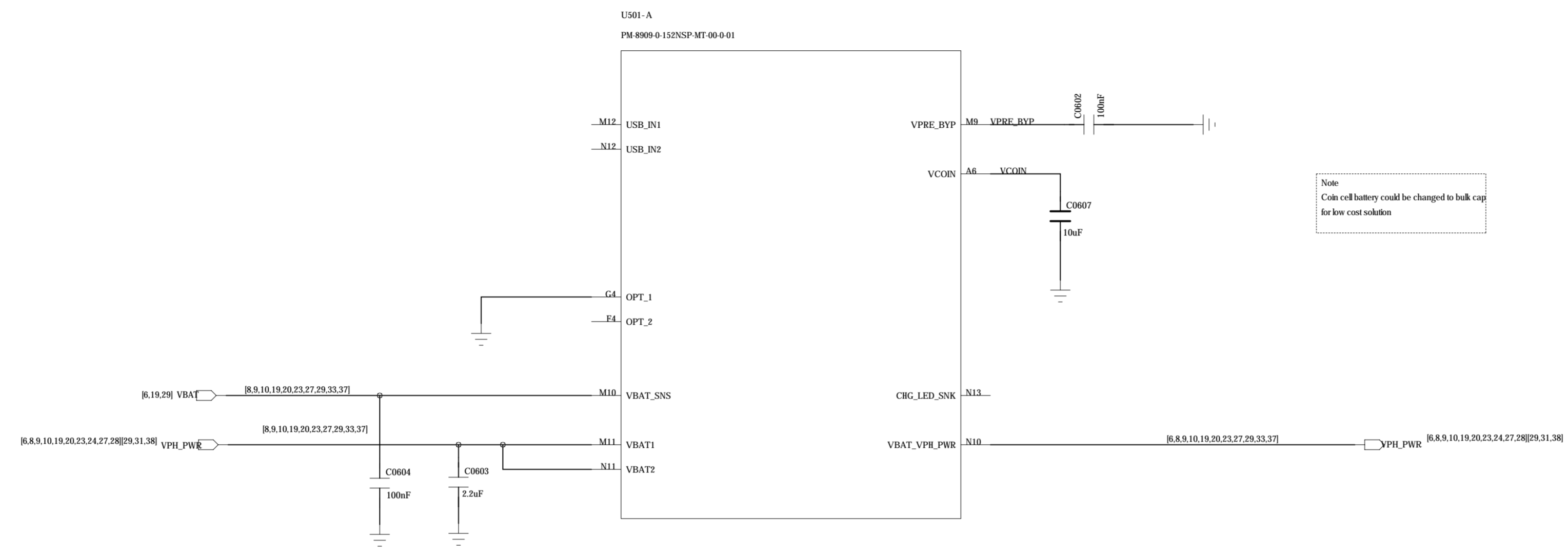
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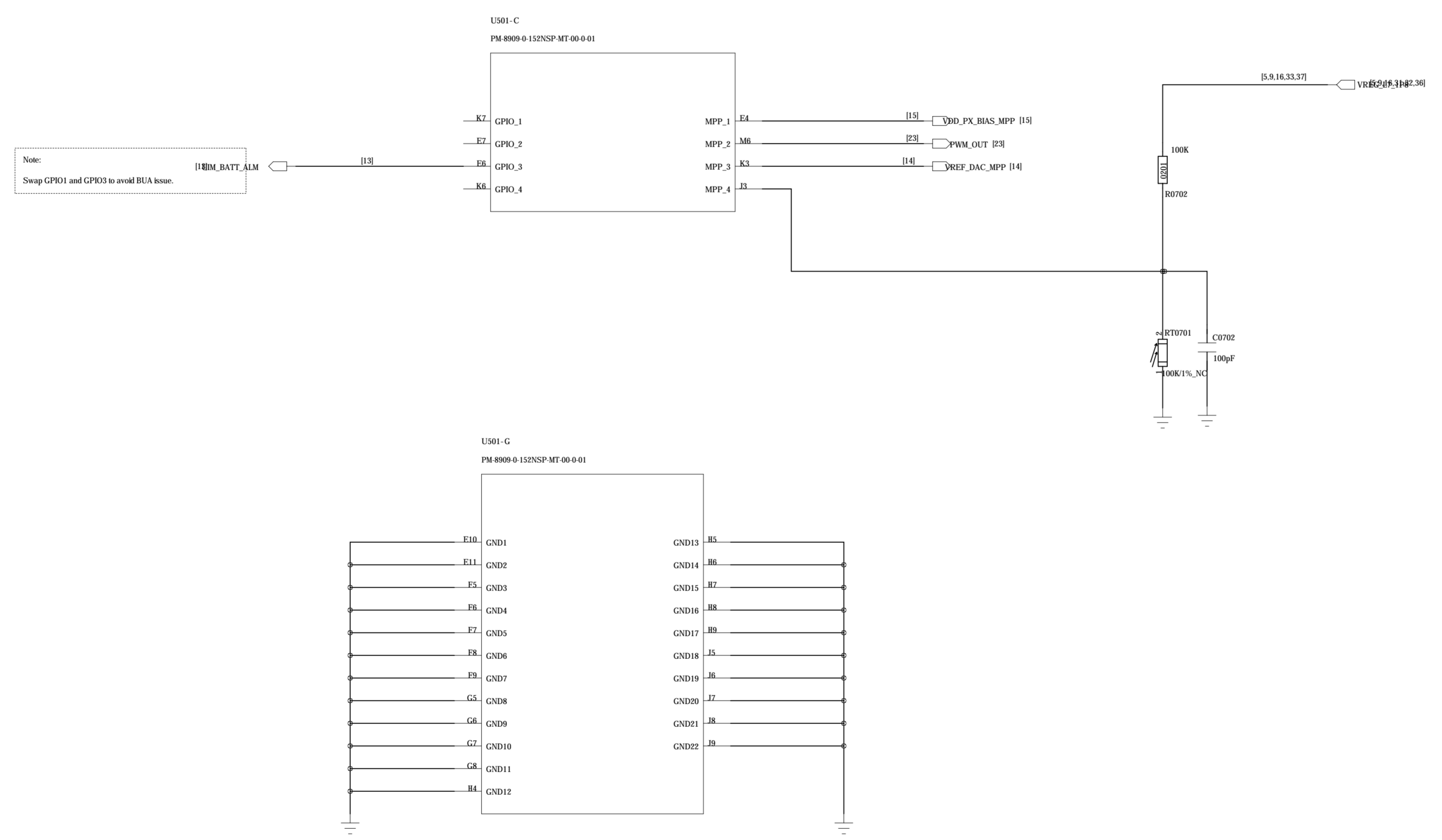
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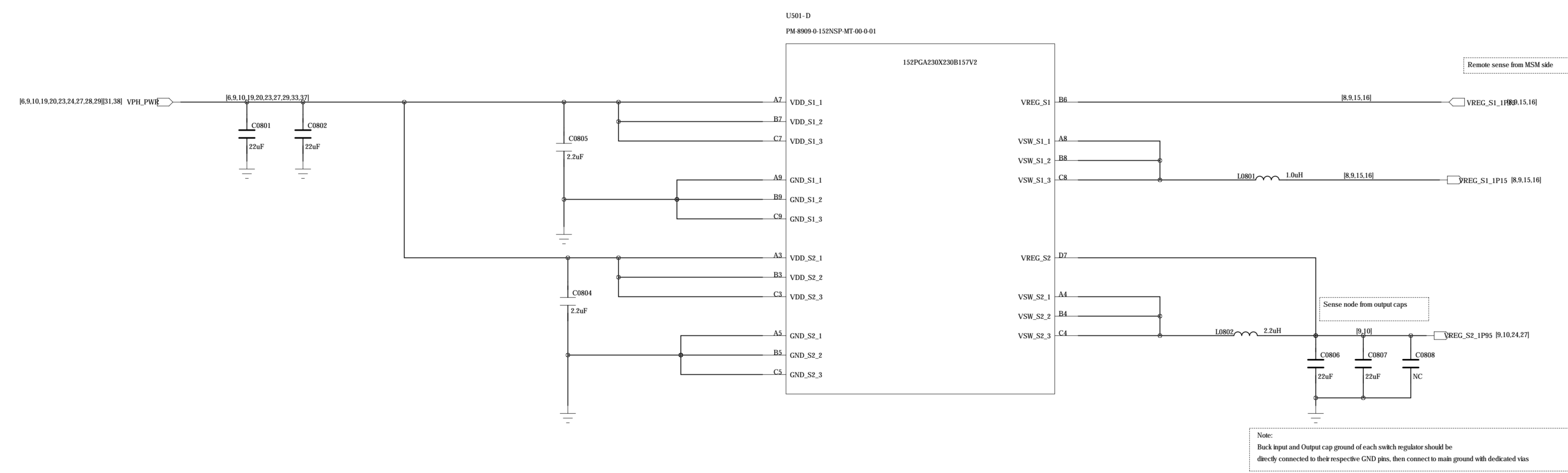
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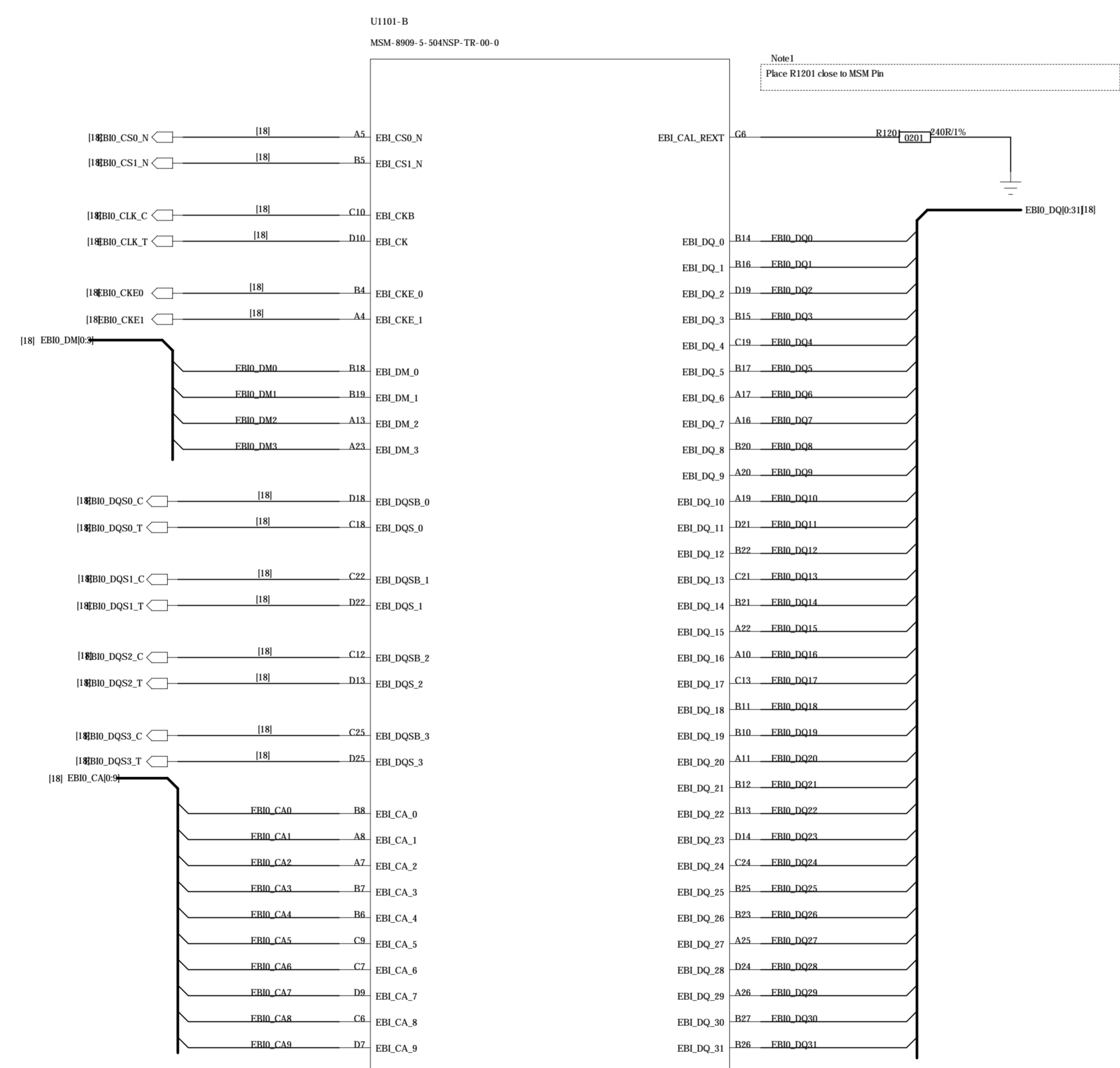
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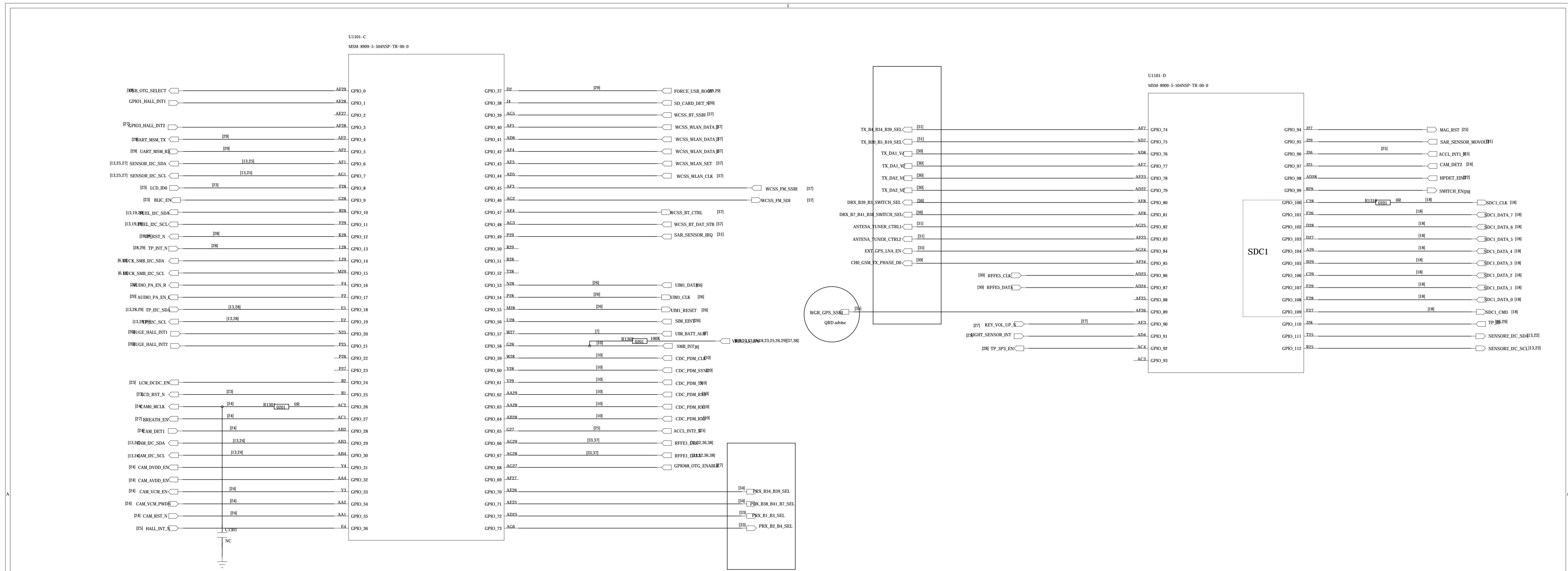




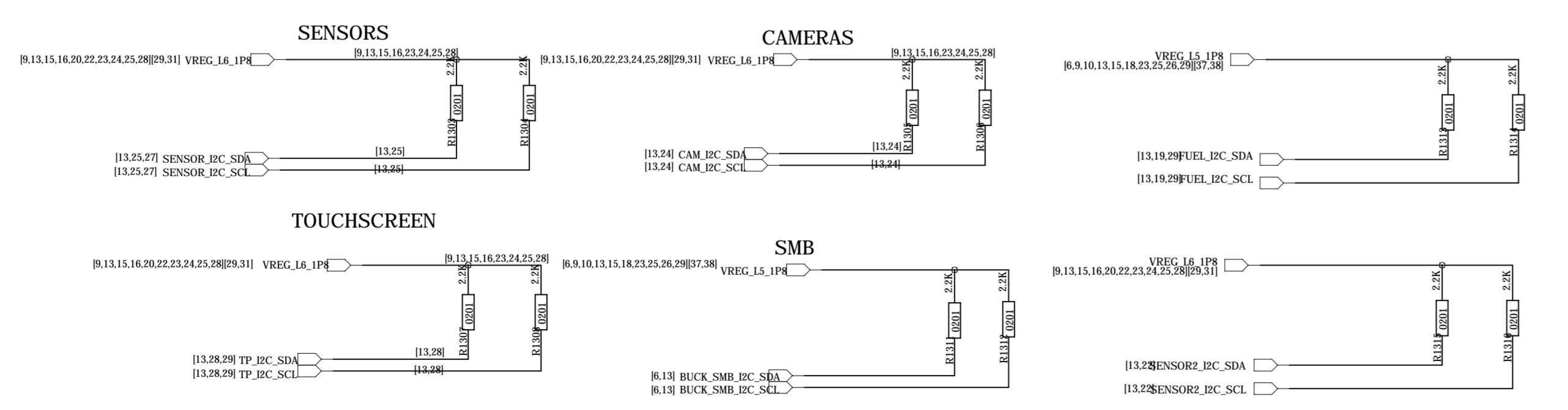
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**I2C PULL-UP RESISTORS**



GPIO	BOOT_CONFIG
GPIO_76	BOOT_CONFIG[BOOTCFG]
GPIO_77	BOOT_CONFIG[BOOTCFG]
GPIO_78	BOOT_CONFIG[BOOTCFG]
GPIO_79	BOOT_CONFIG[BOOTCFG]

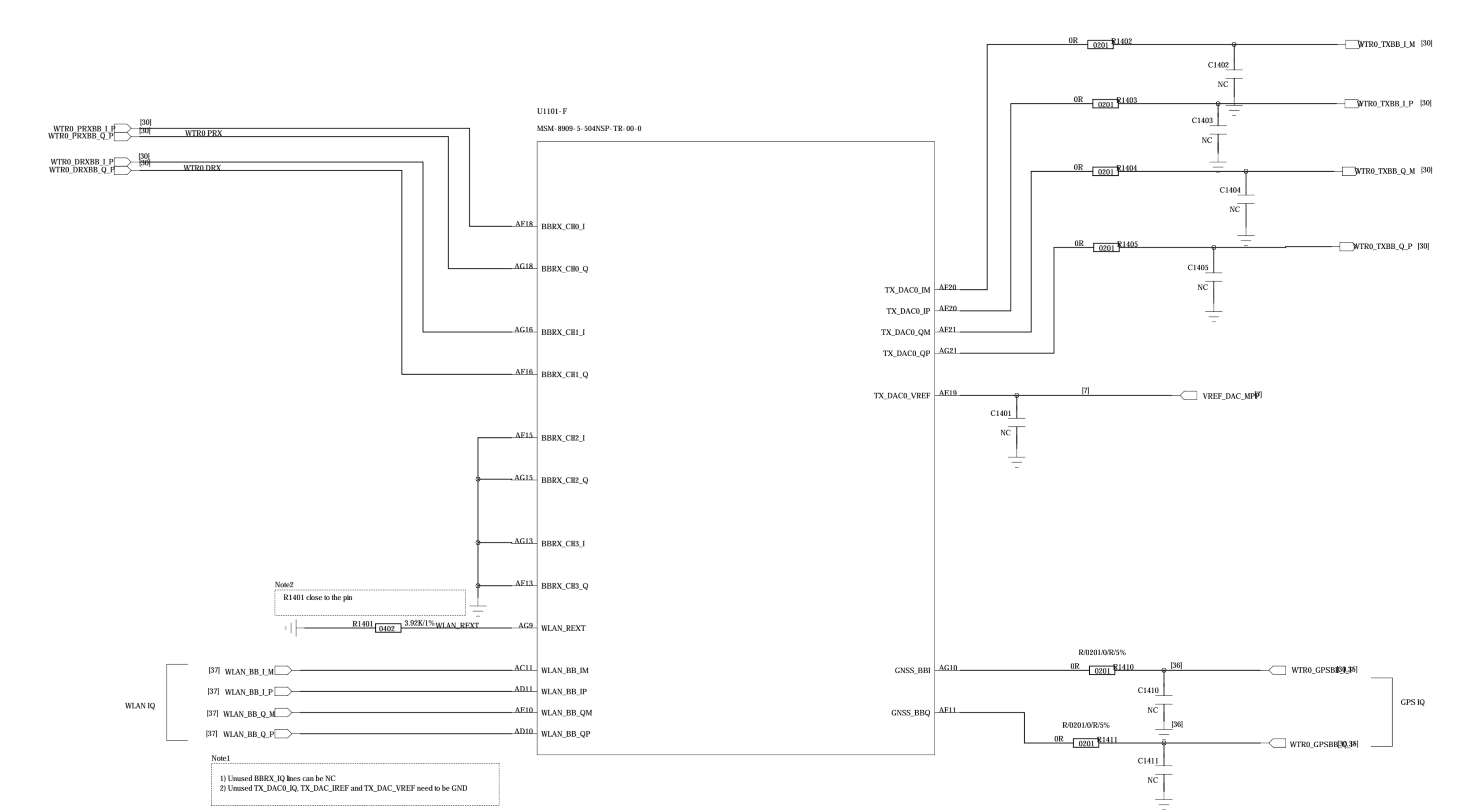
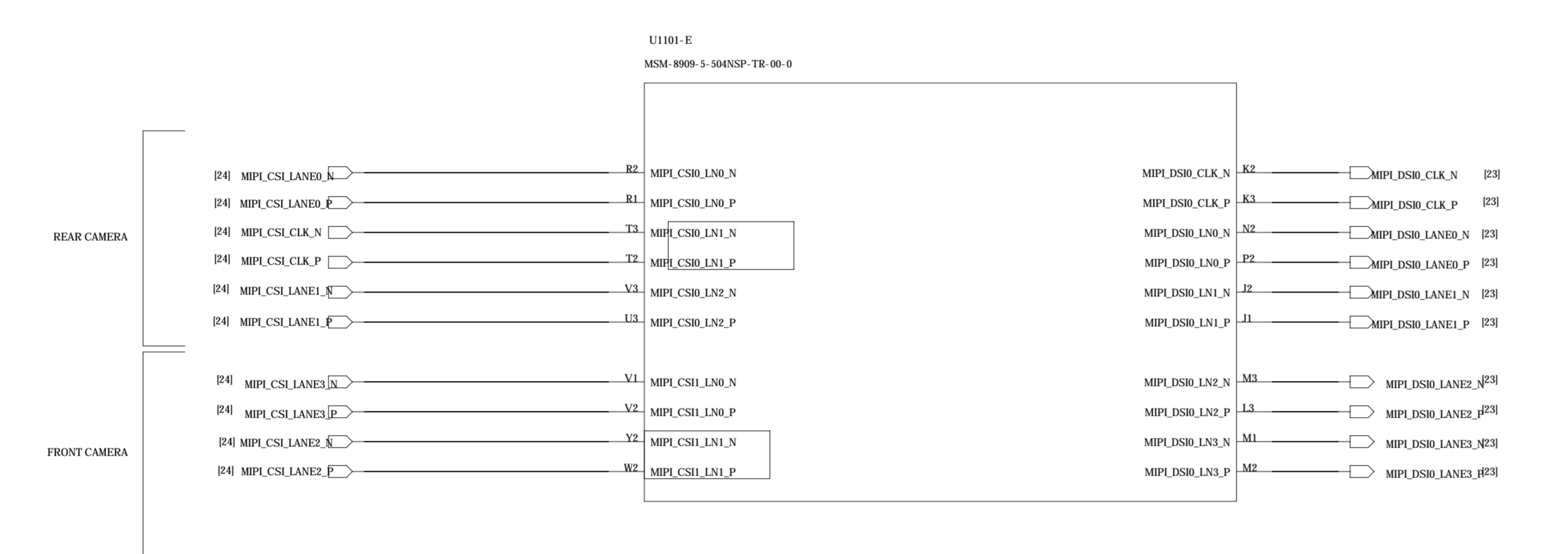
BOOT_CONFIG[11]	BOOT_CONFIG
0000	None - SD @ SD2 - USB0.0
0001	SD @ SD2 - USB0.0
0010	EMMC
0011	USB0.0

Default Boot Config (0010) is eMMC

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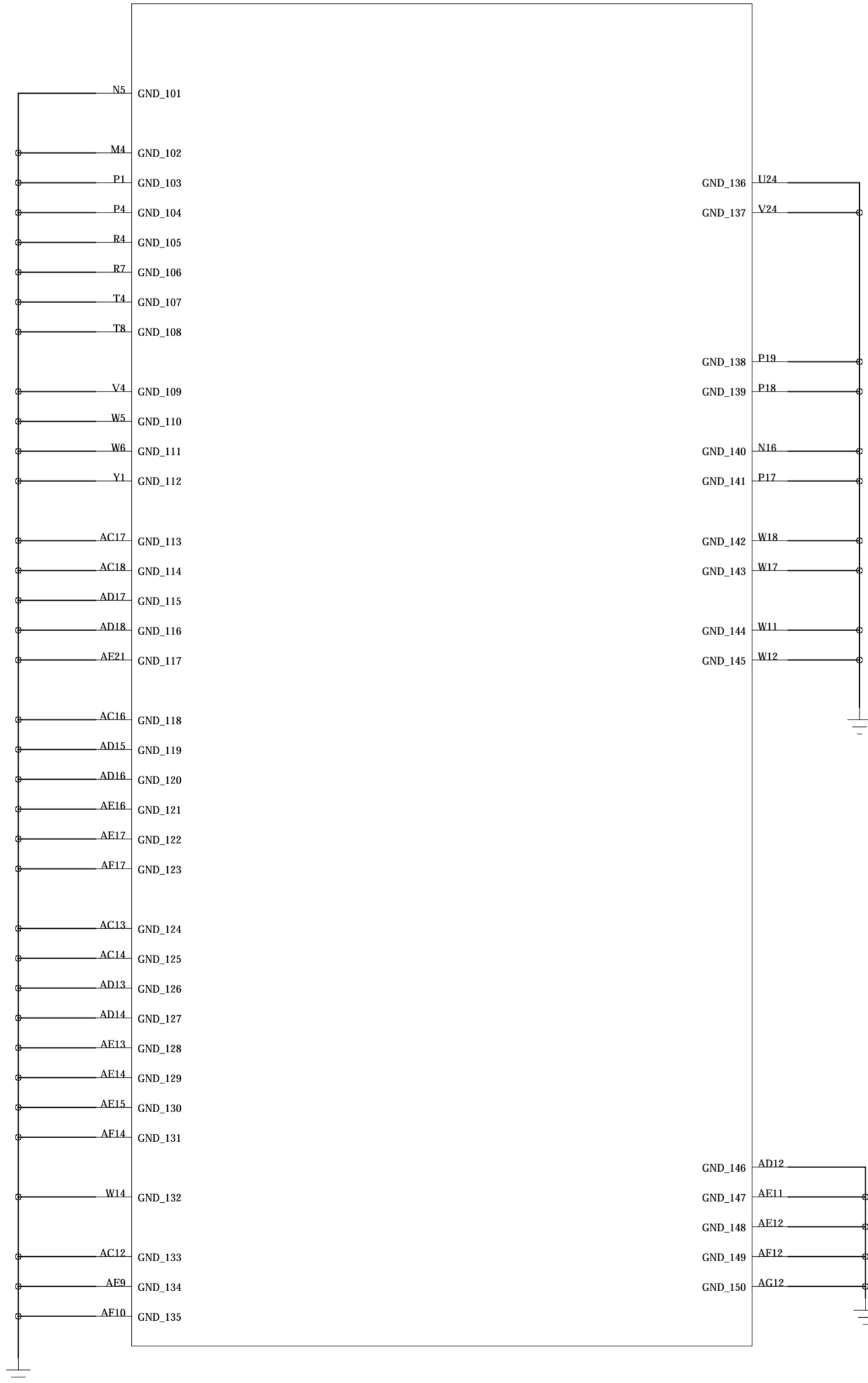
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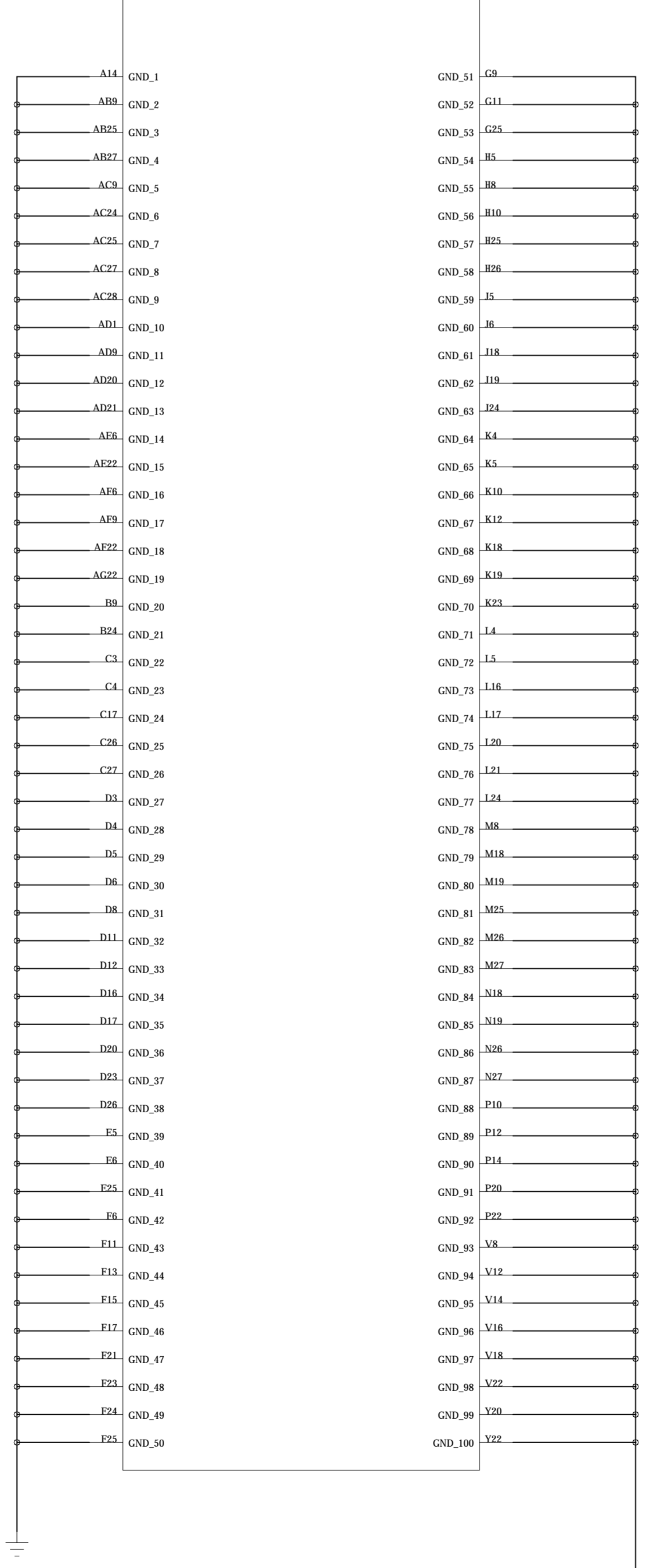




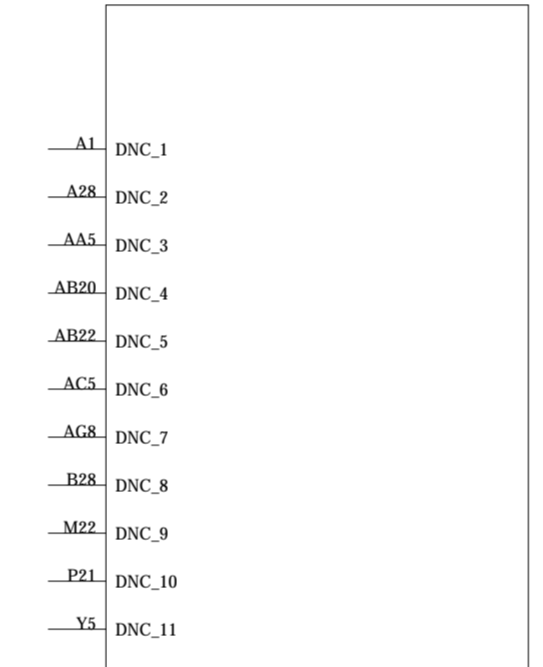
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U1001-F  
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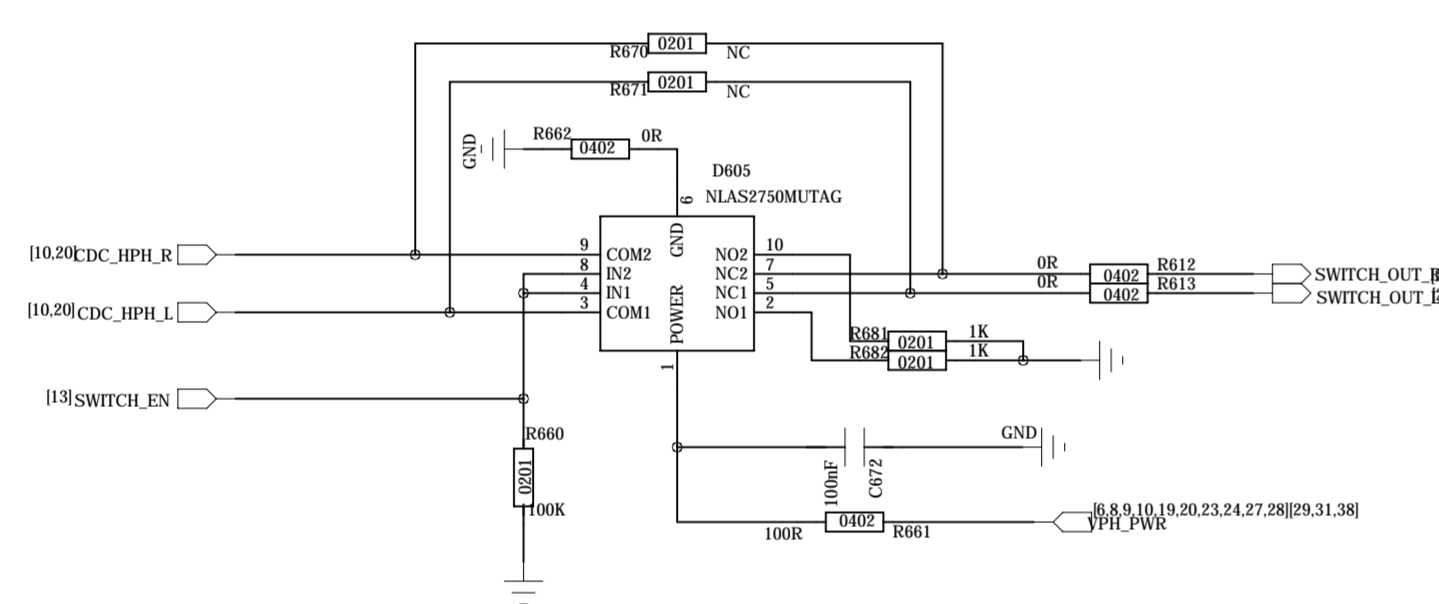
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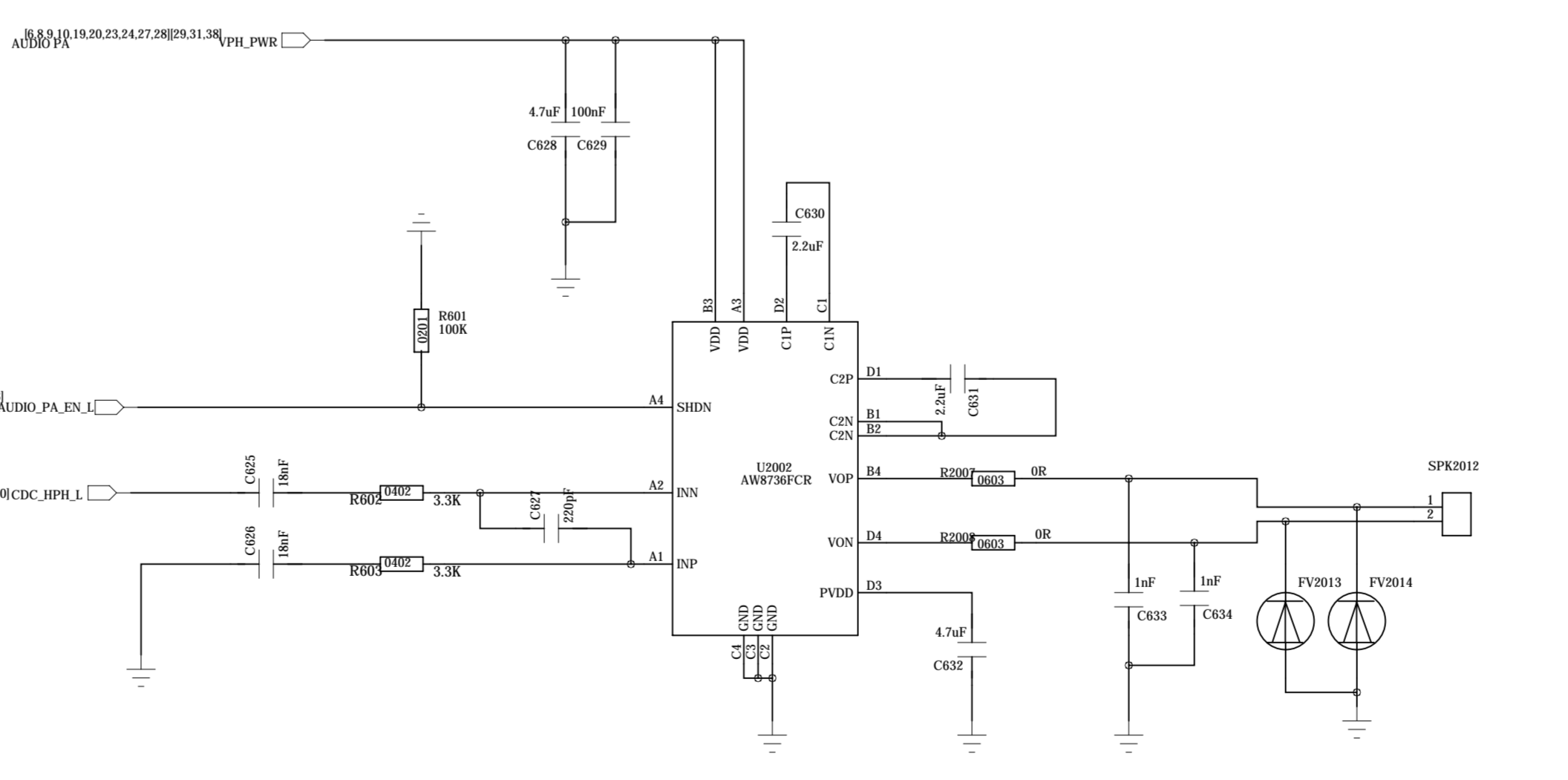
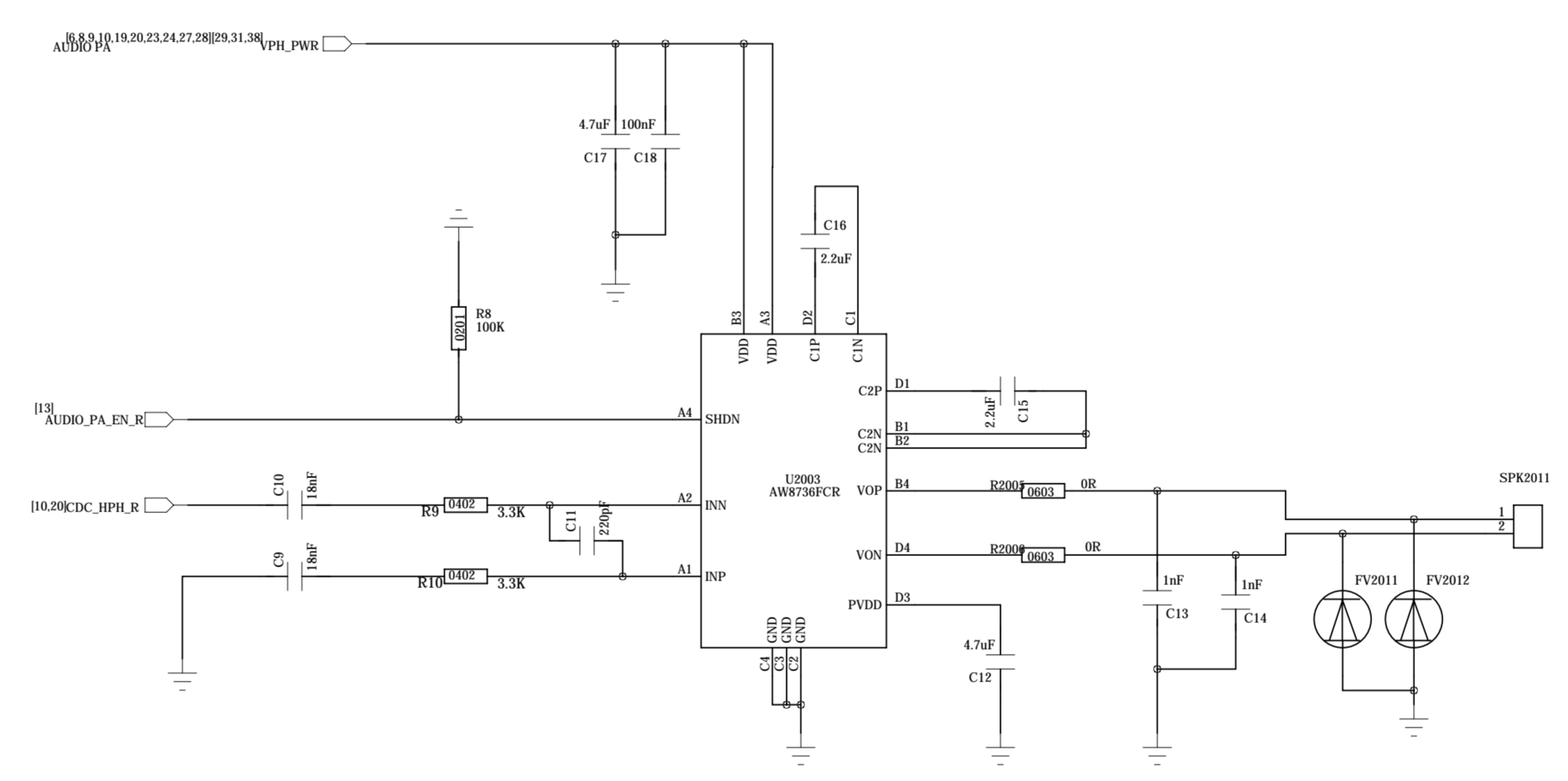
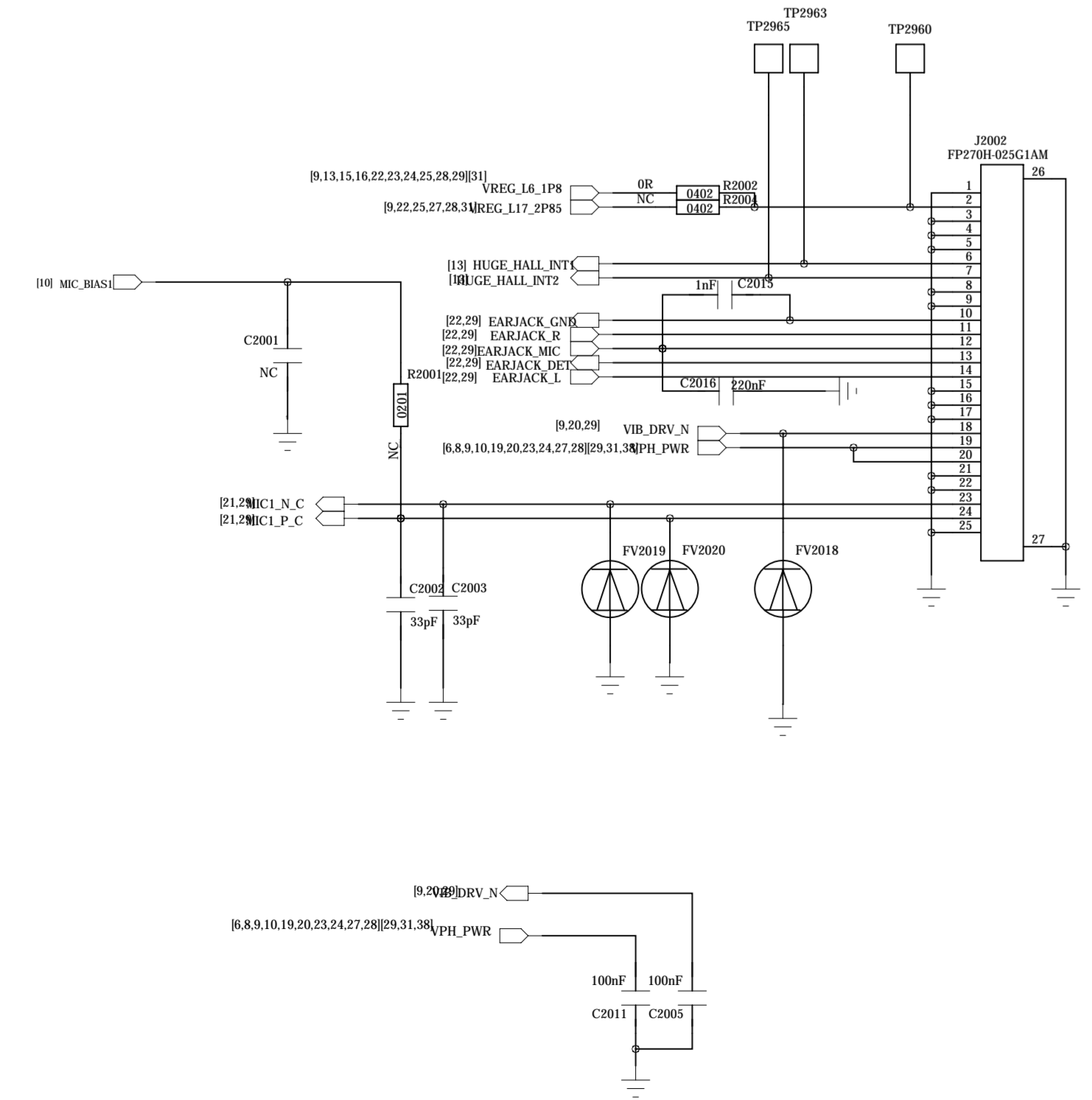
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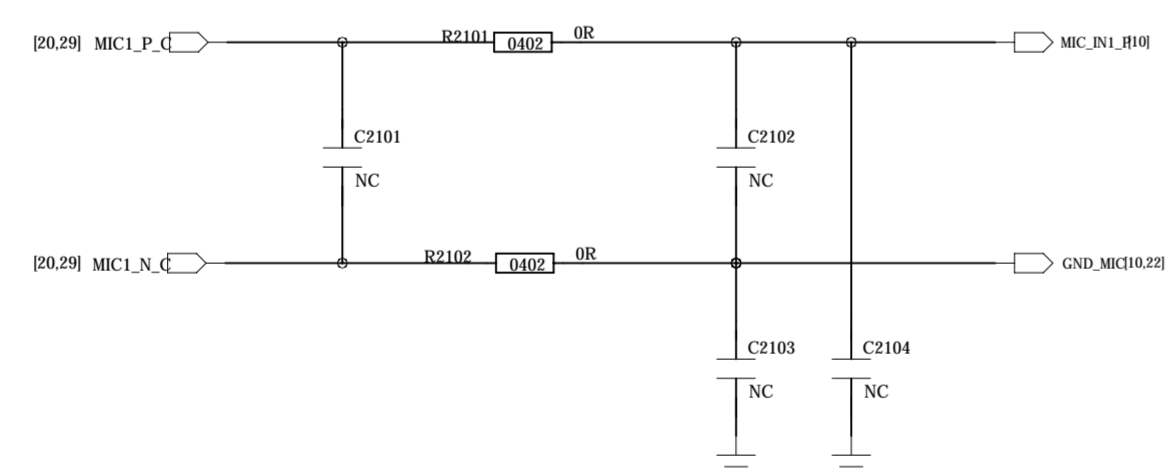


**Mic & LED**



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PRIMARY MIC



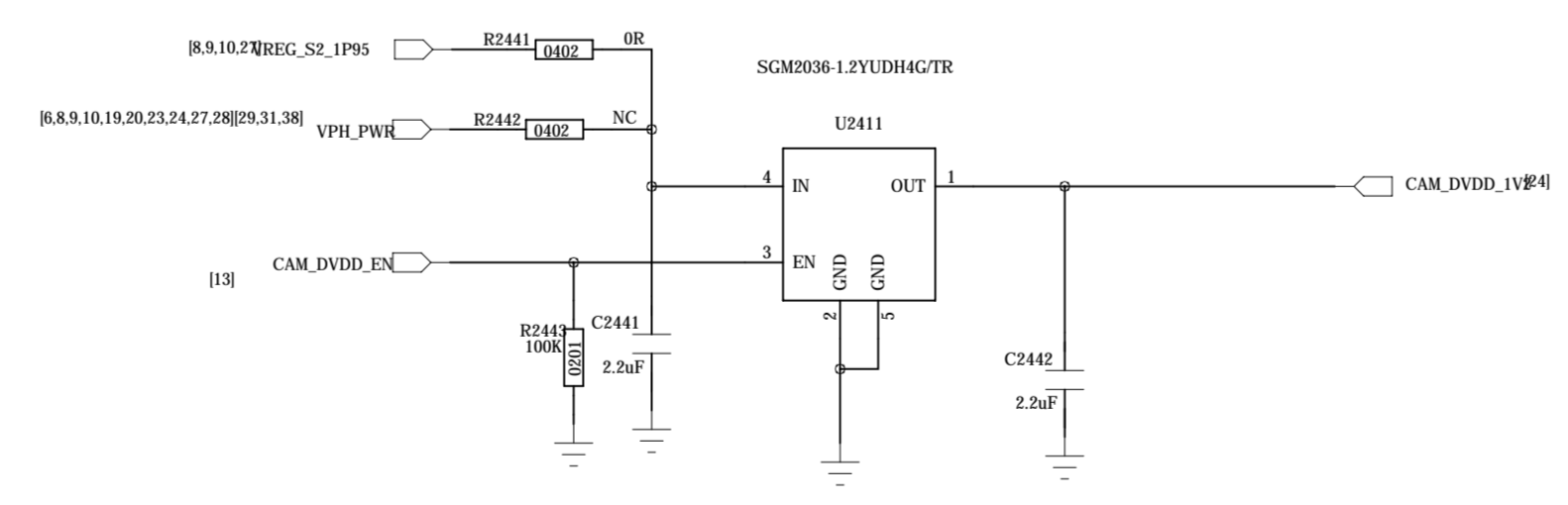
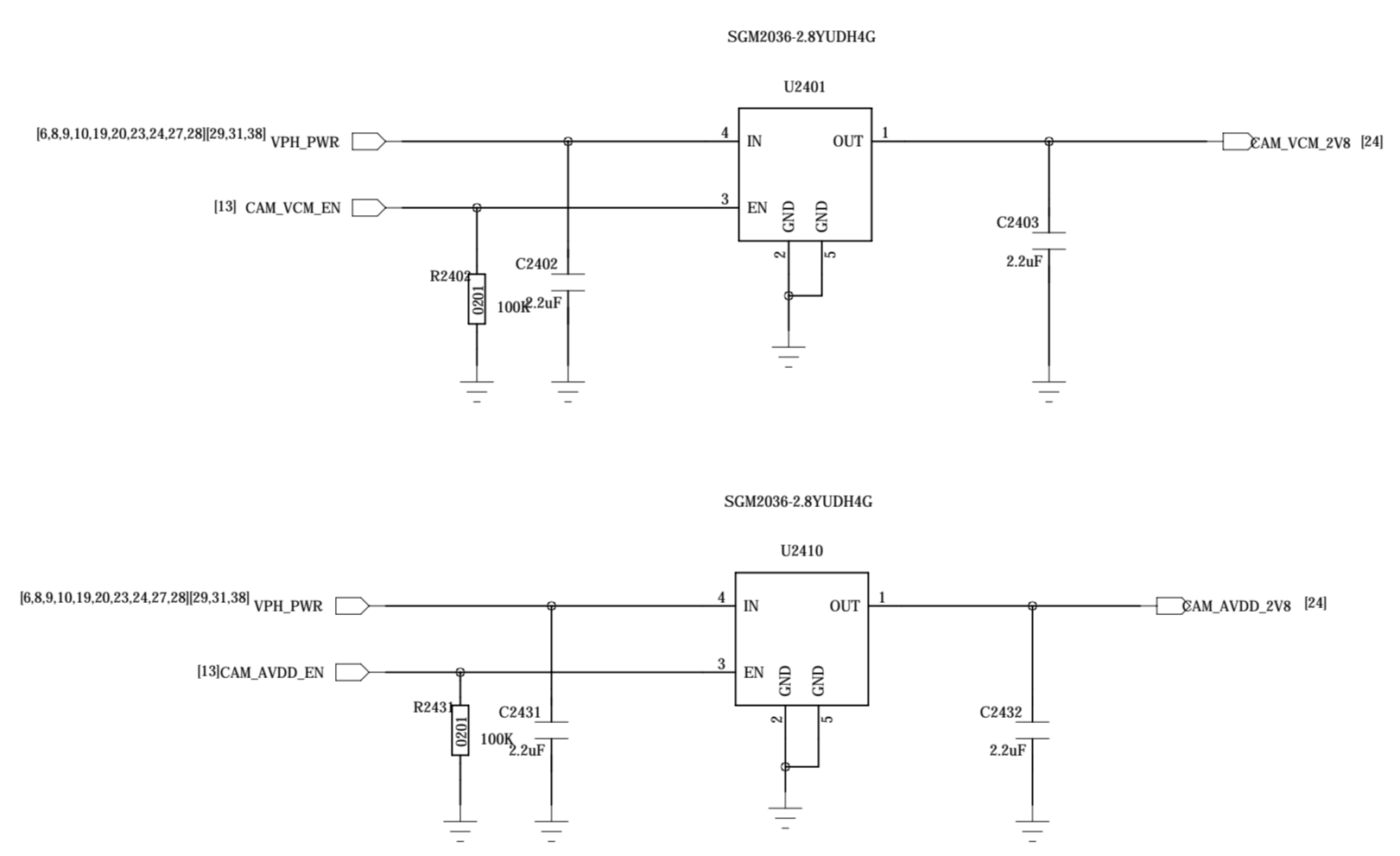
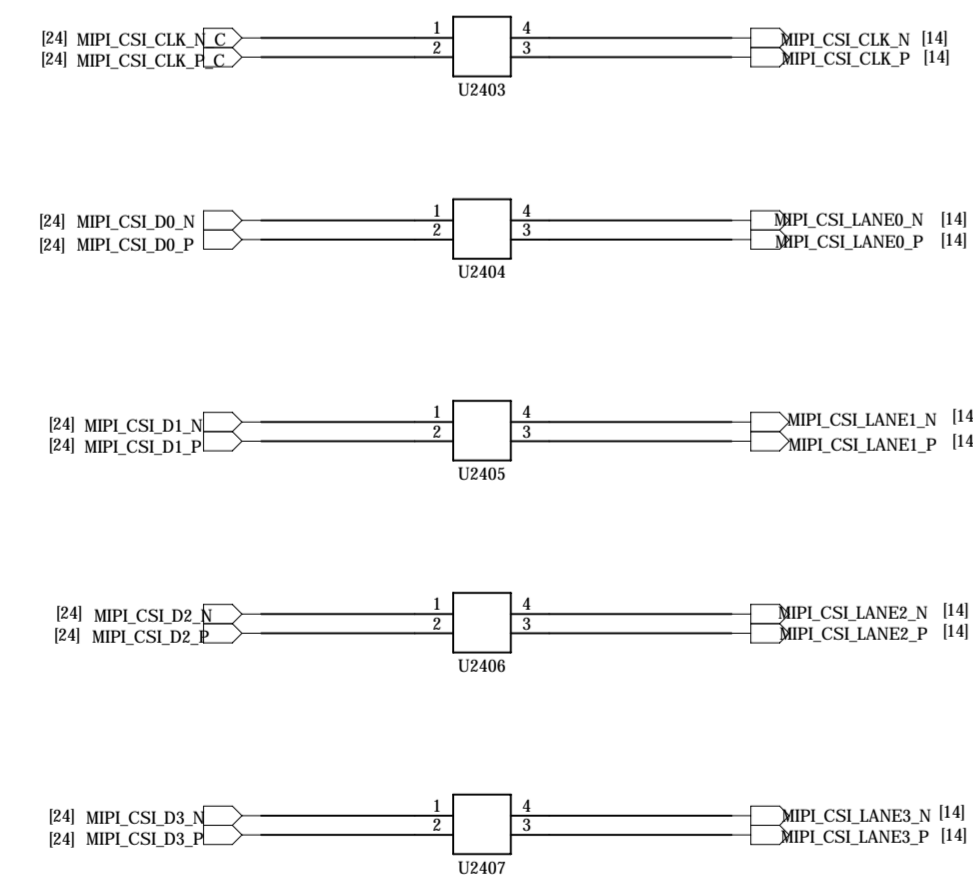
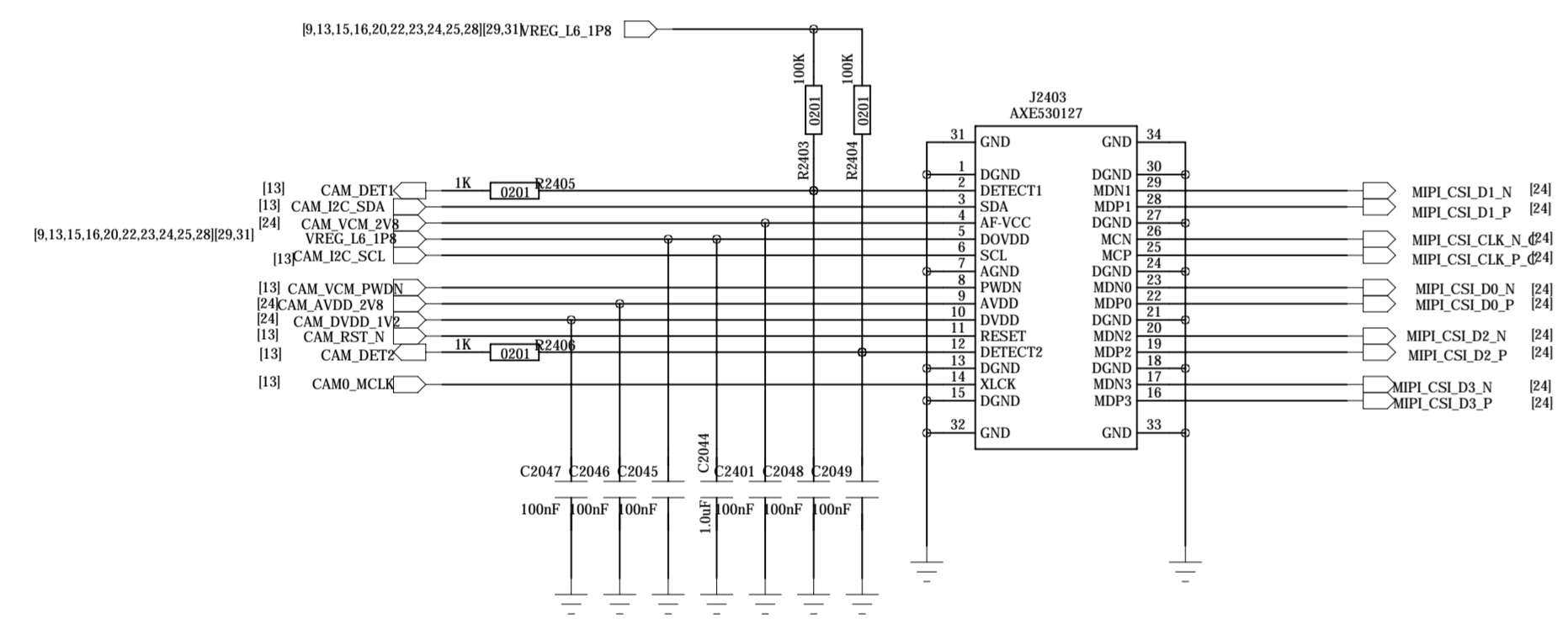
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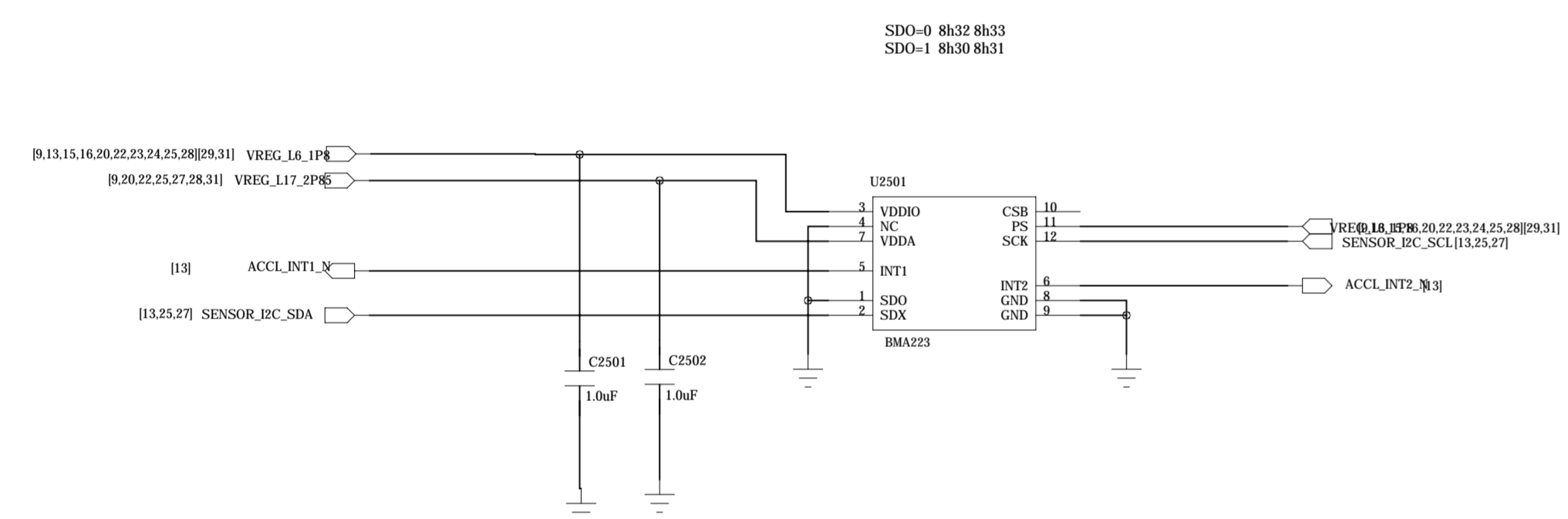




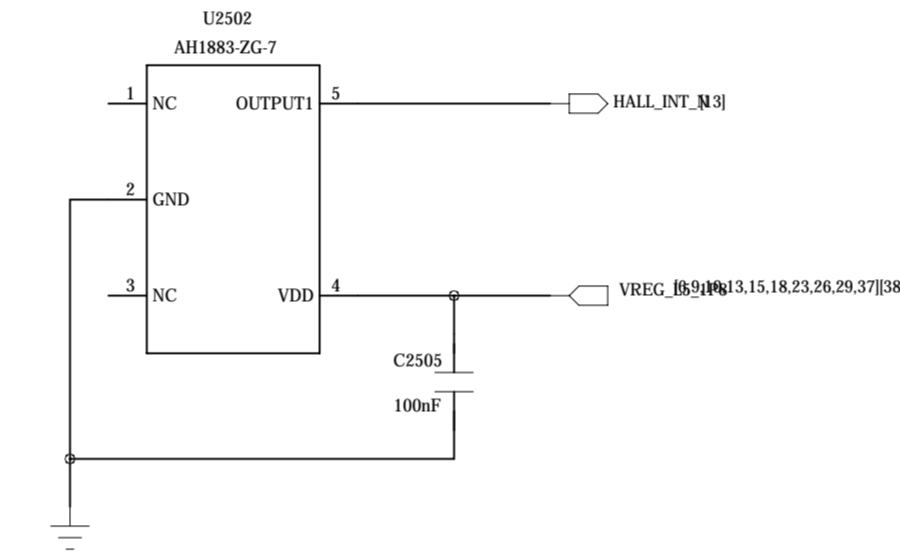




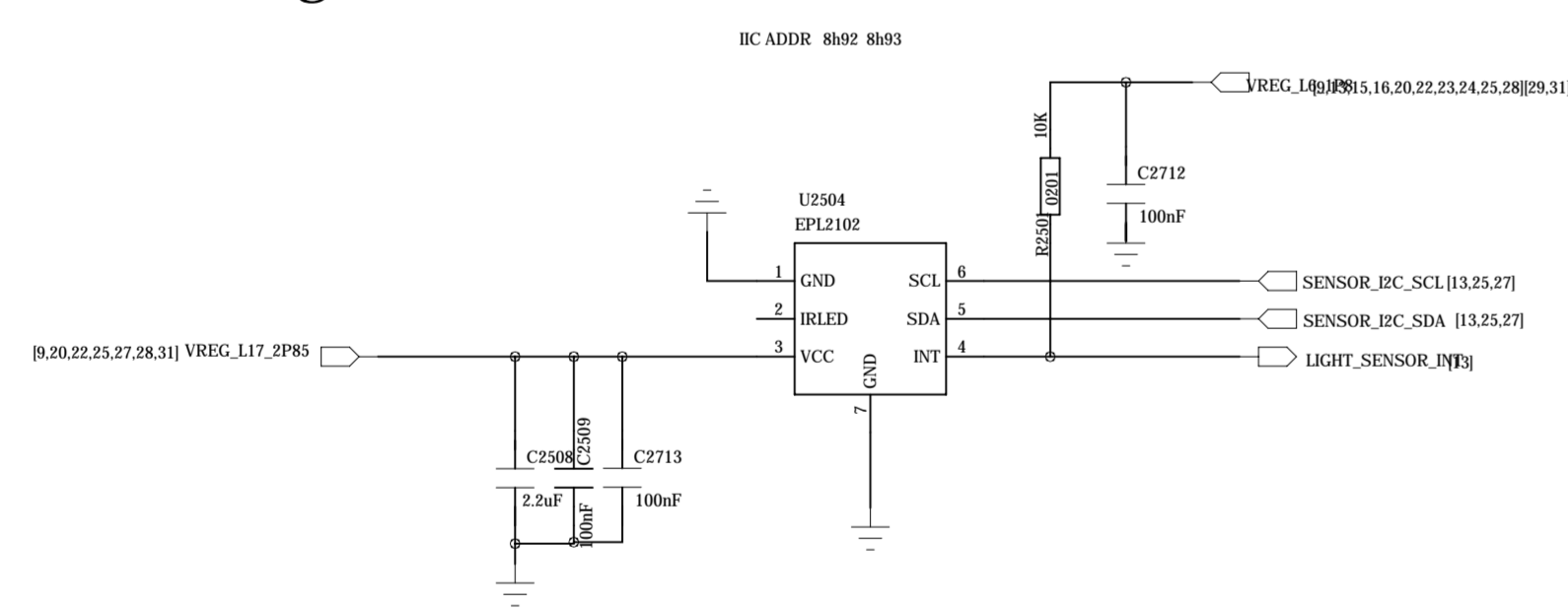
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### HALL

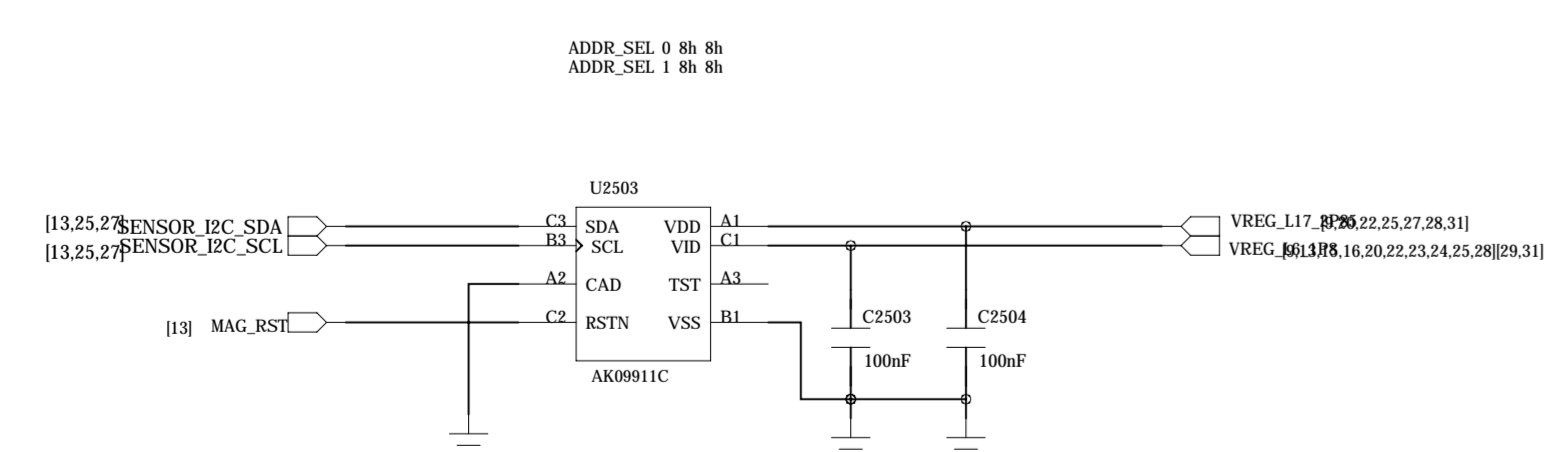


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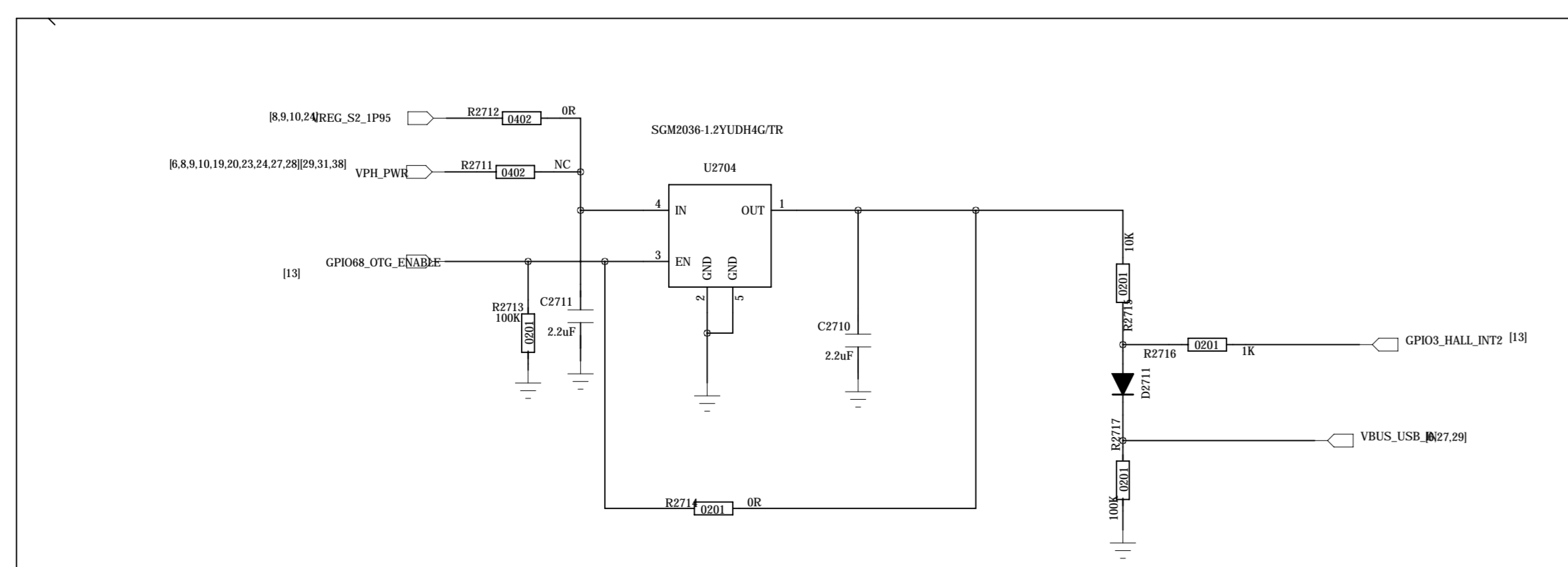
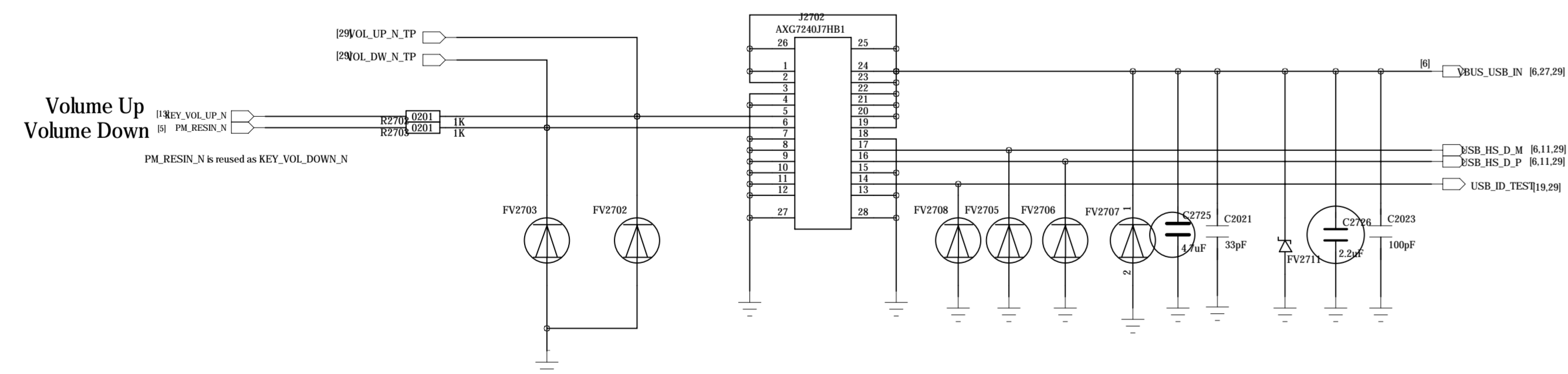
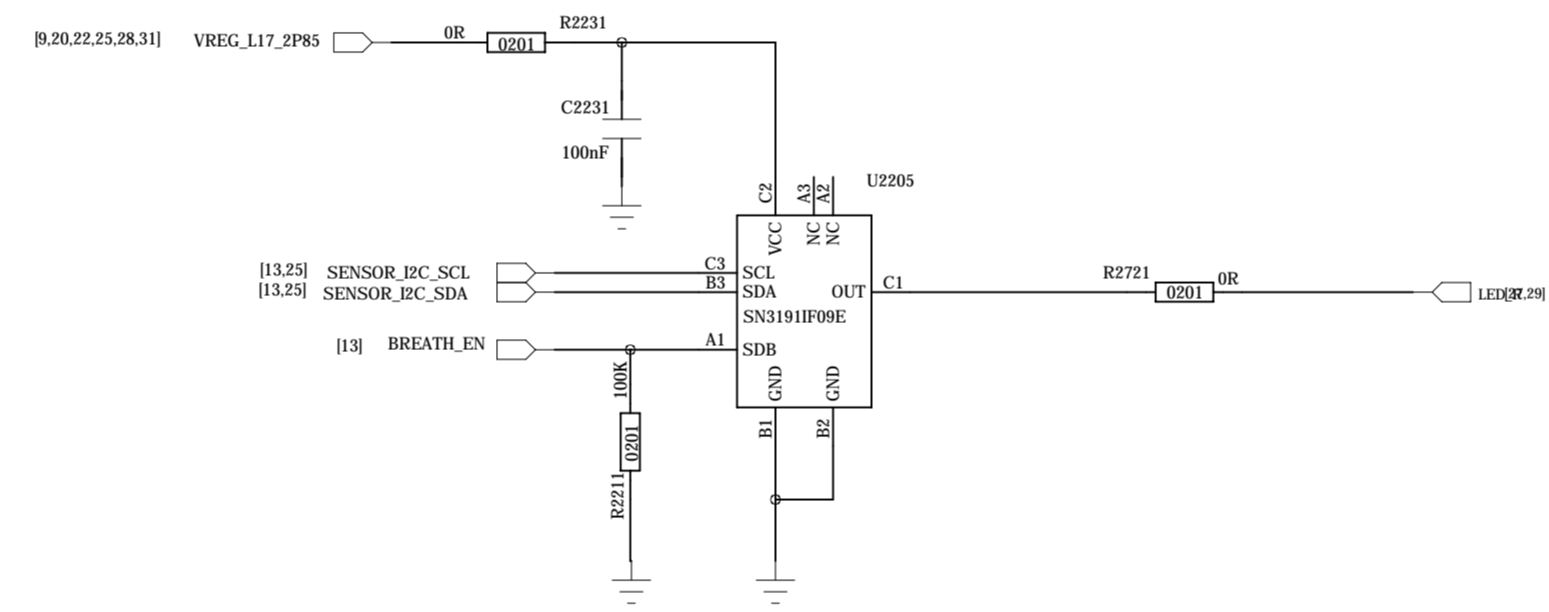
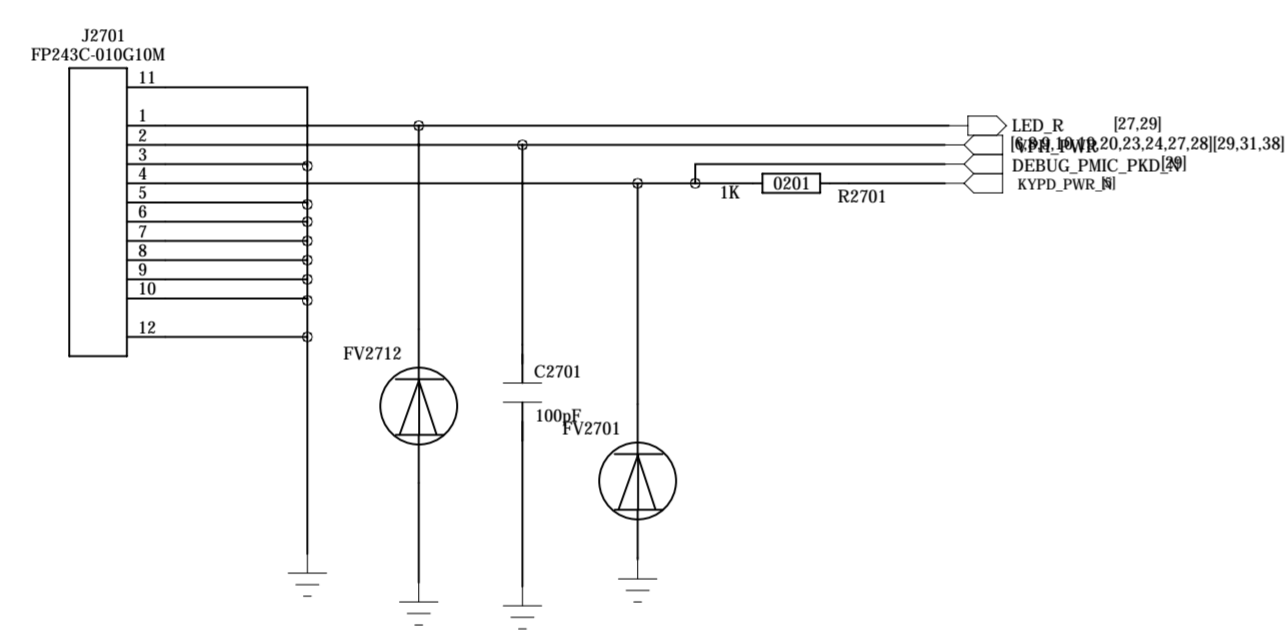


### CAP SENSOR CONNECTOR

### Compass





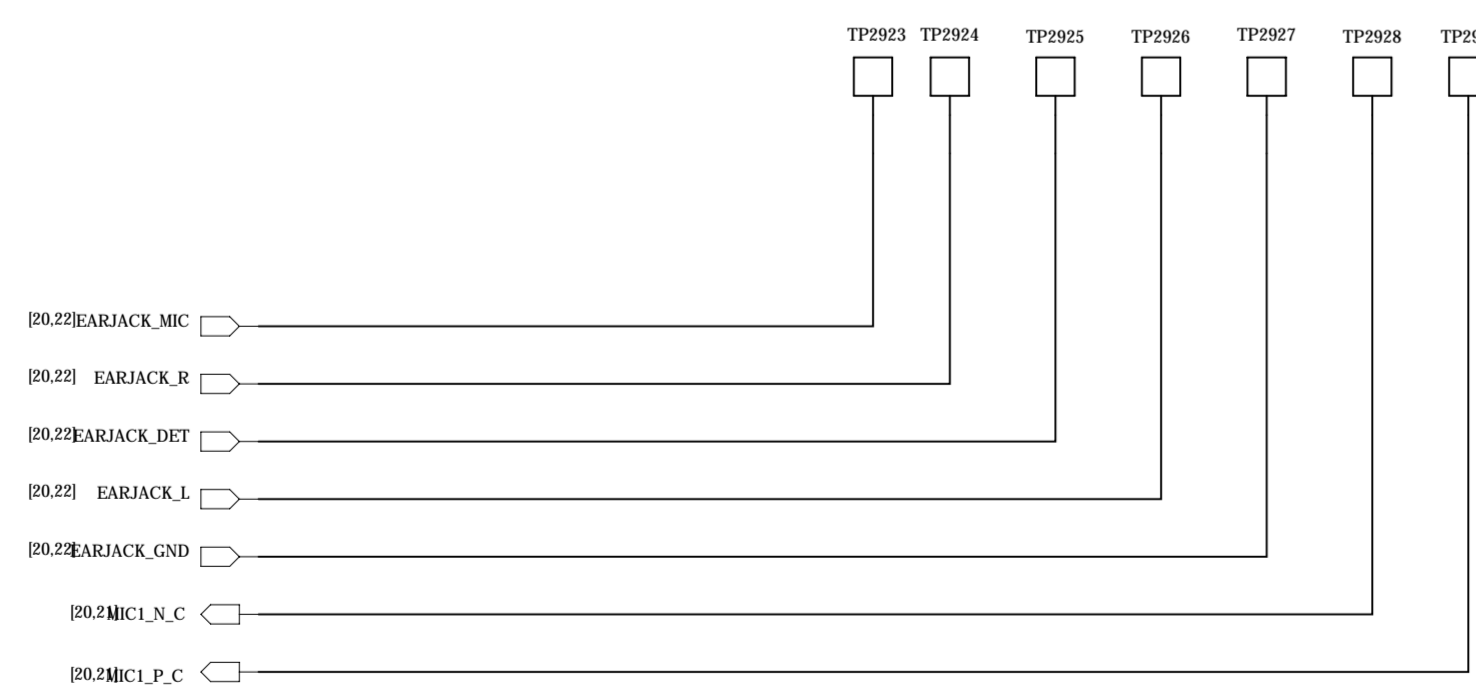
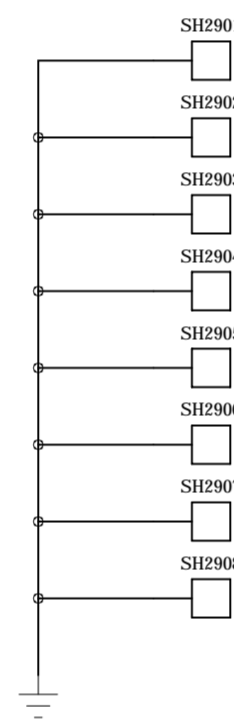
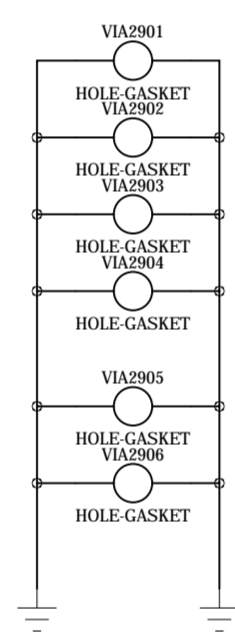


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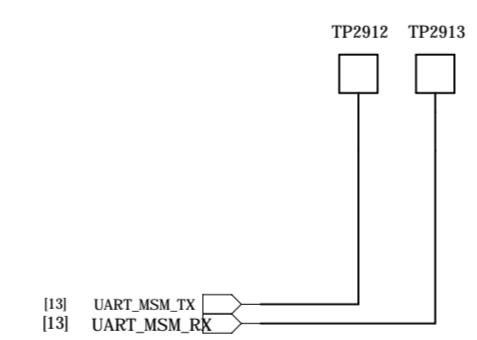
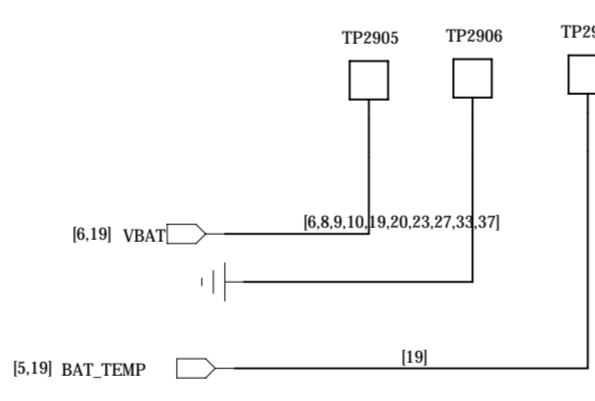
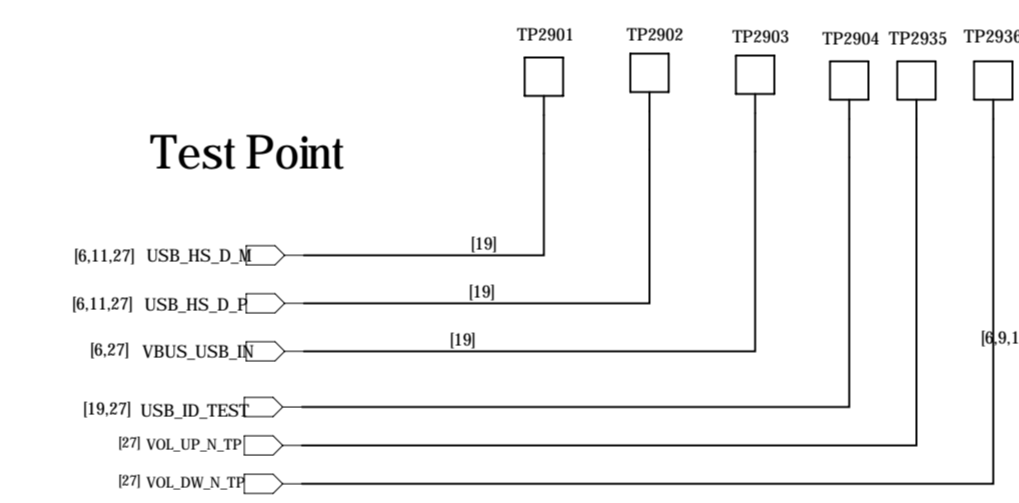
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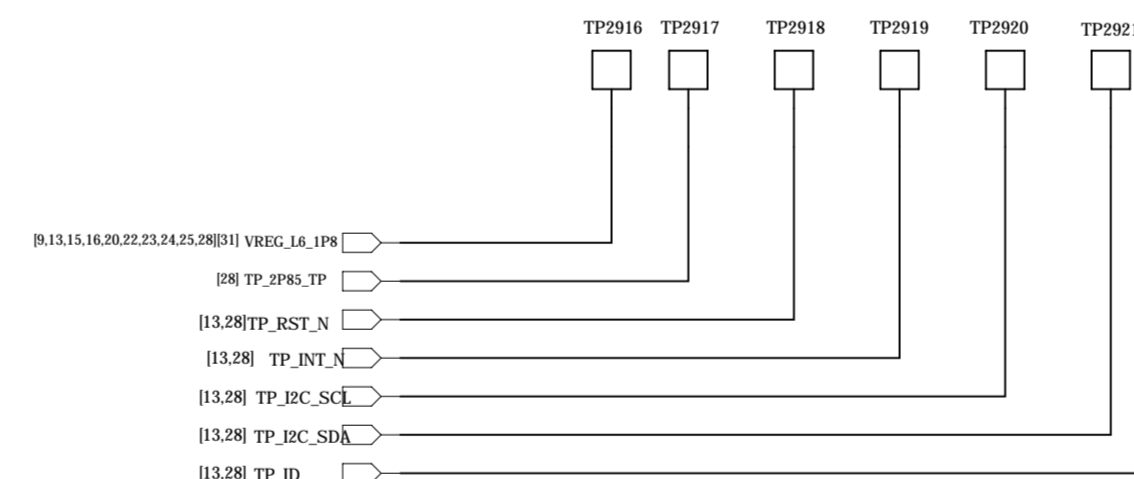
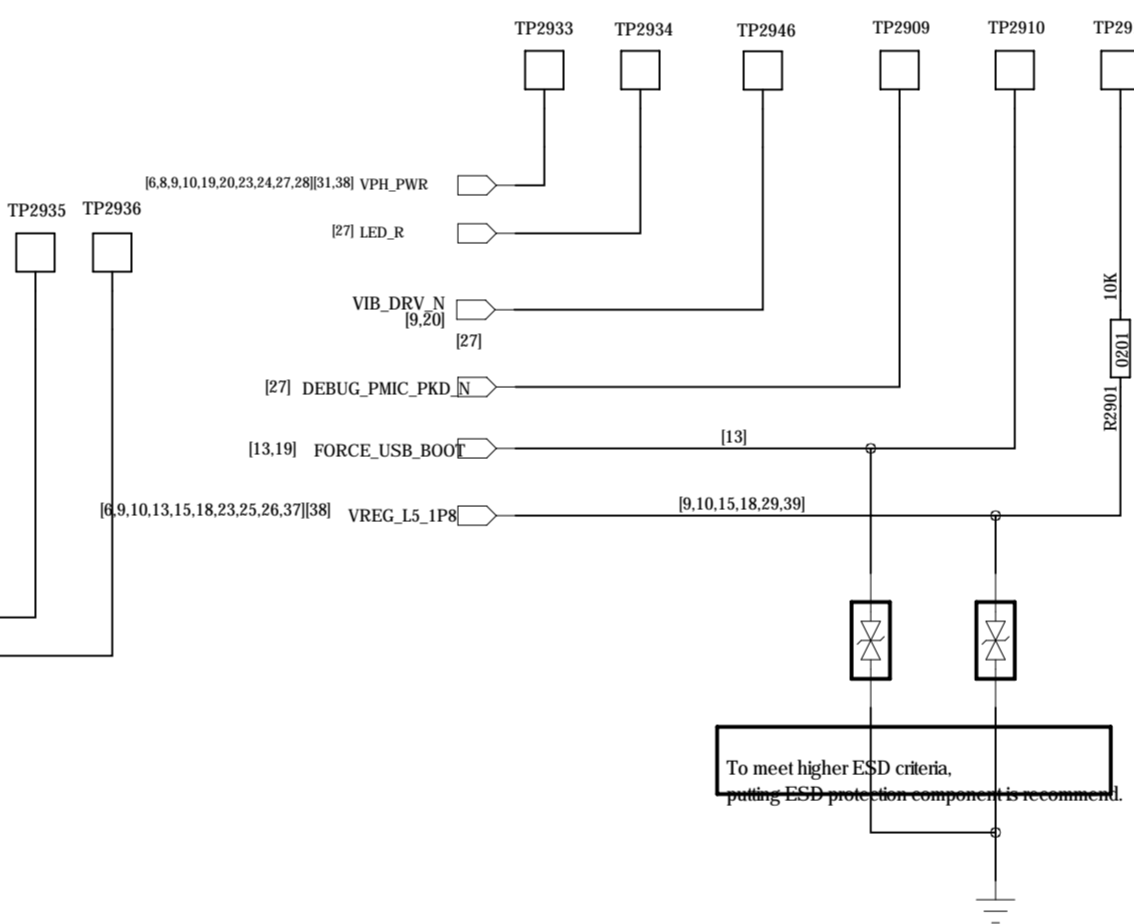
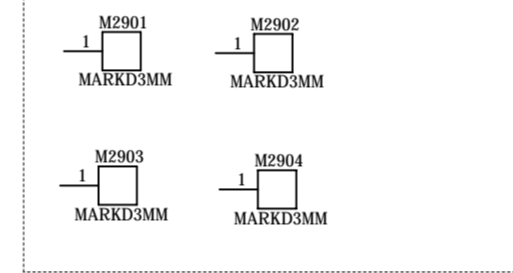




**Test Point**



**Mark Point**



add CTP TP as customer requirement

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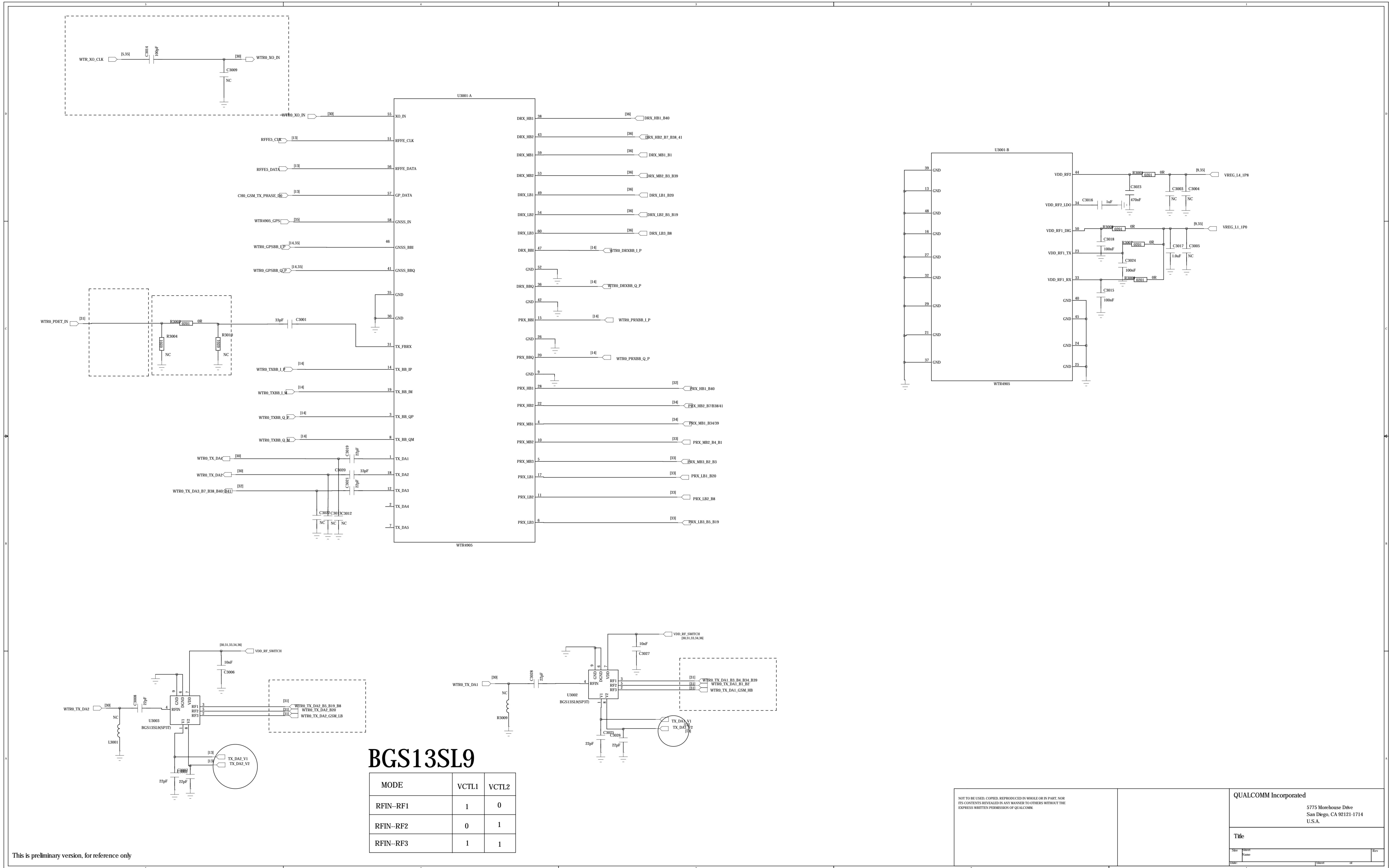
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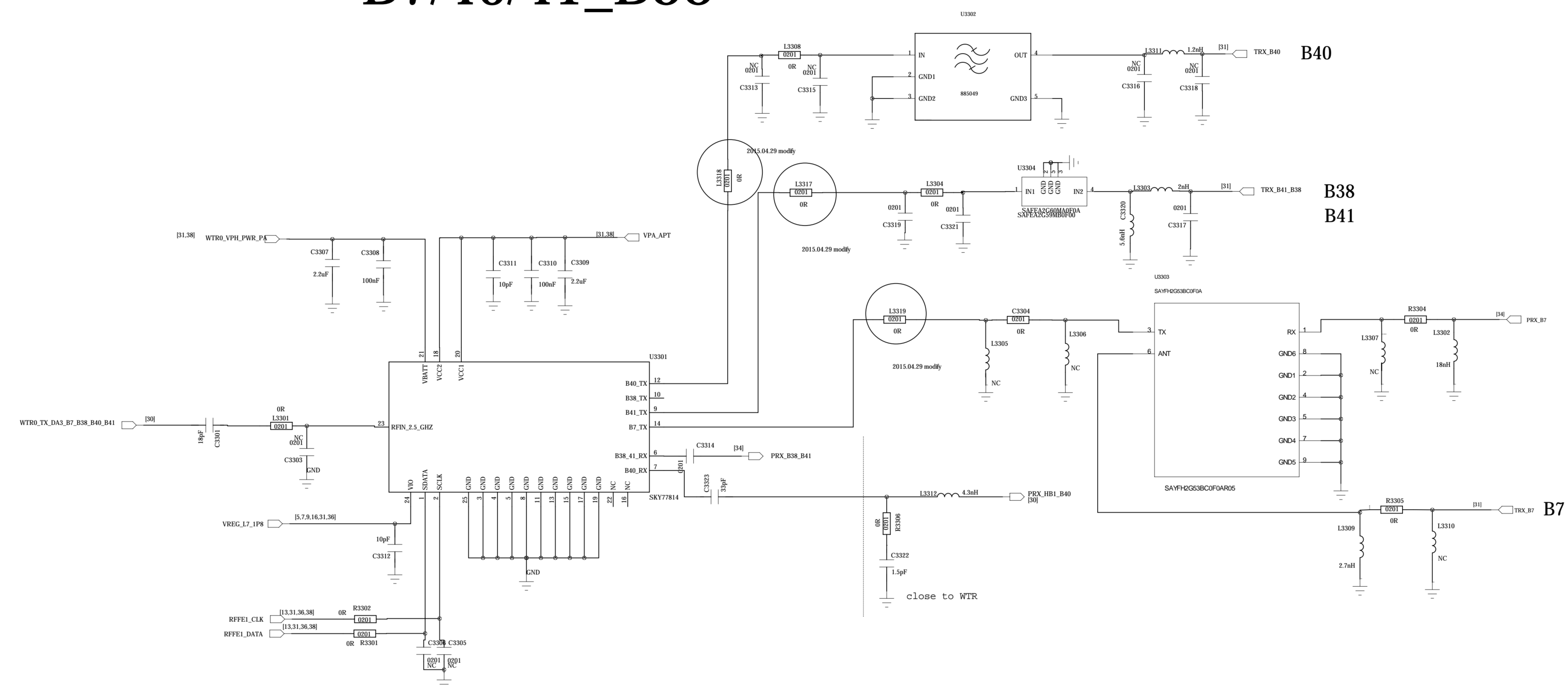
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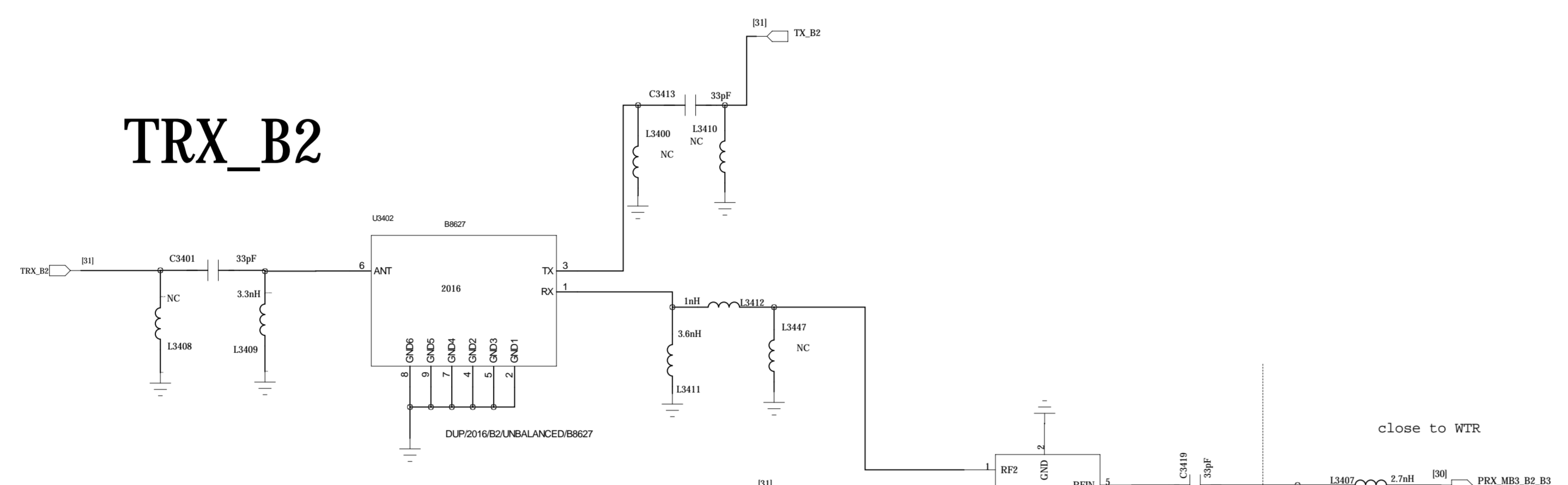


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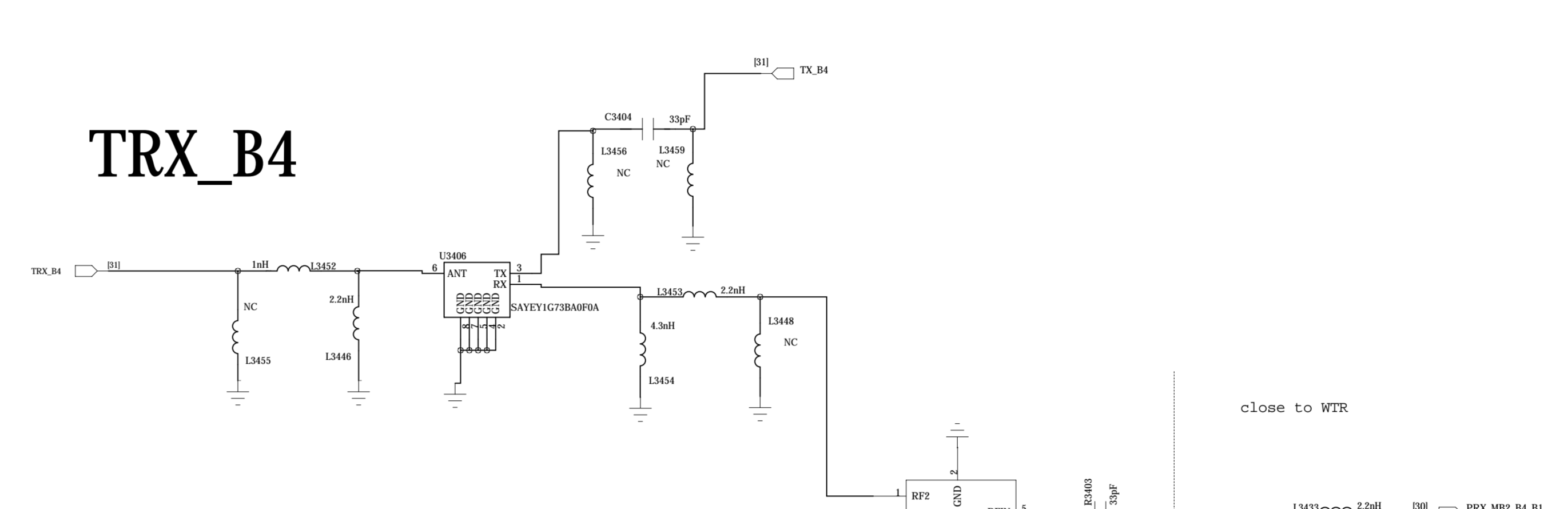




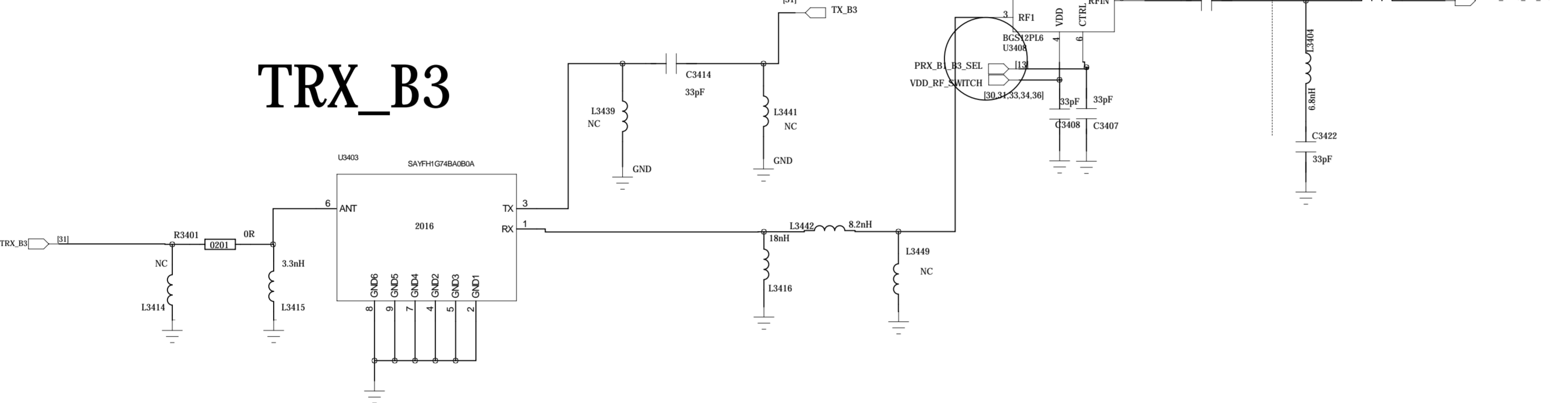
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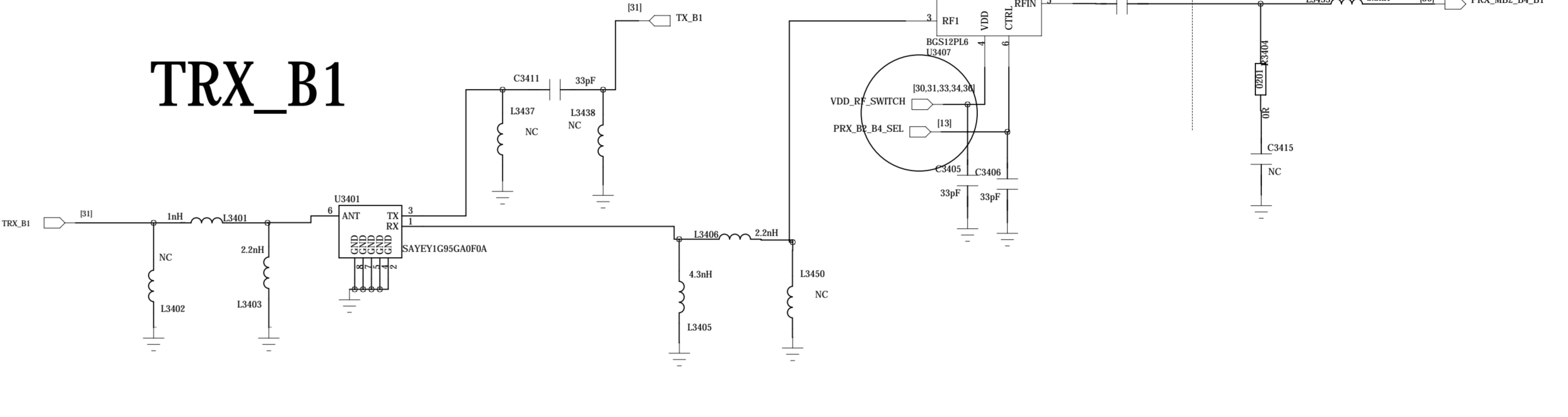
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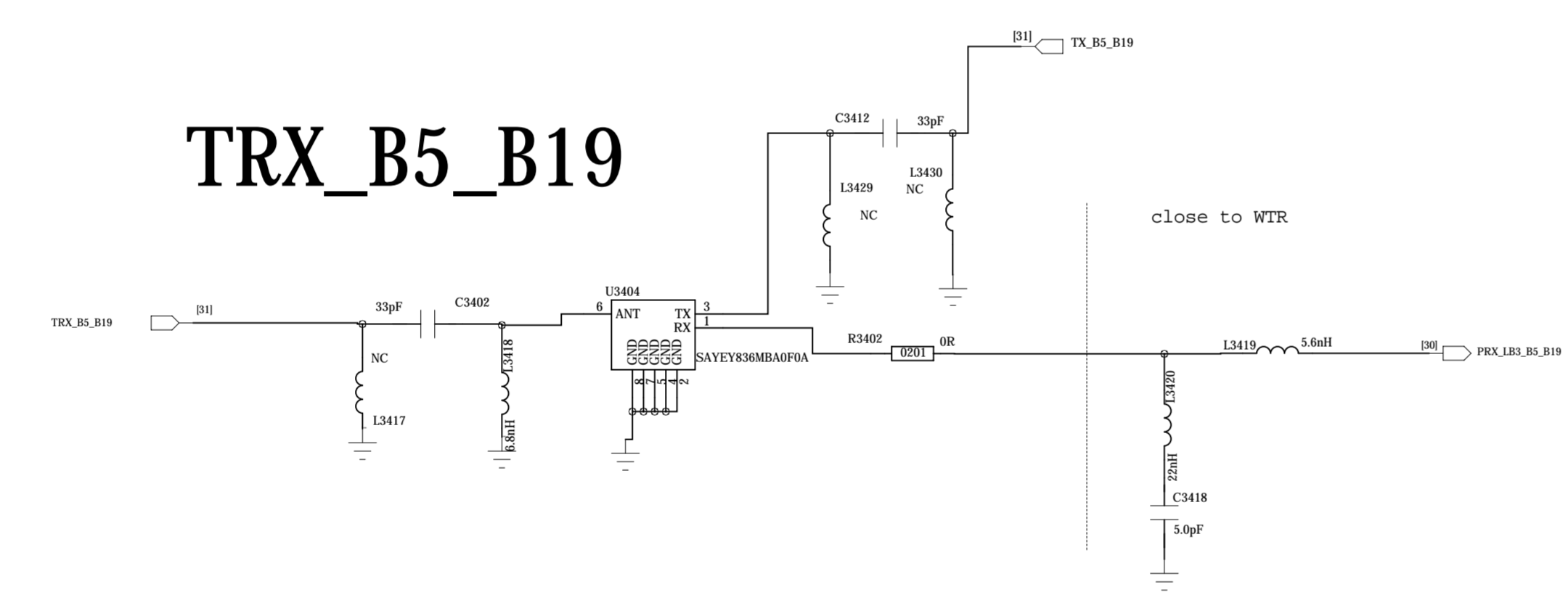
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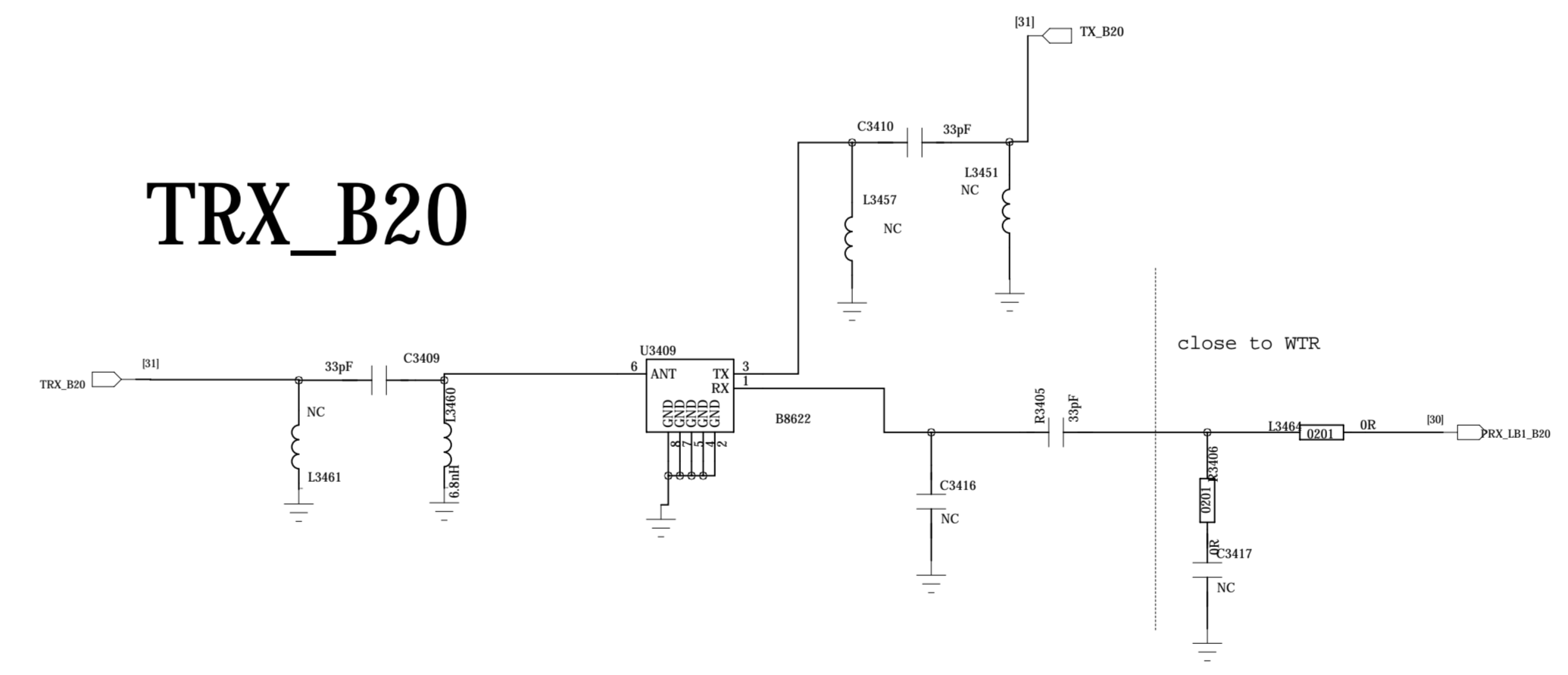
### TRX\_B1



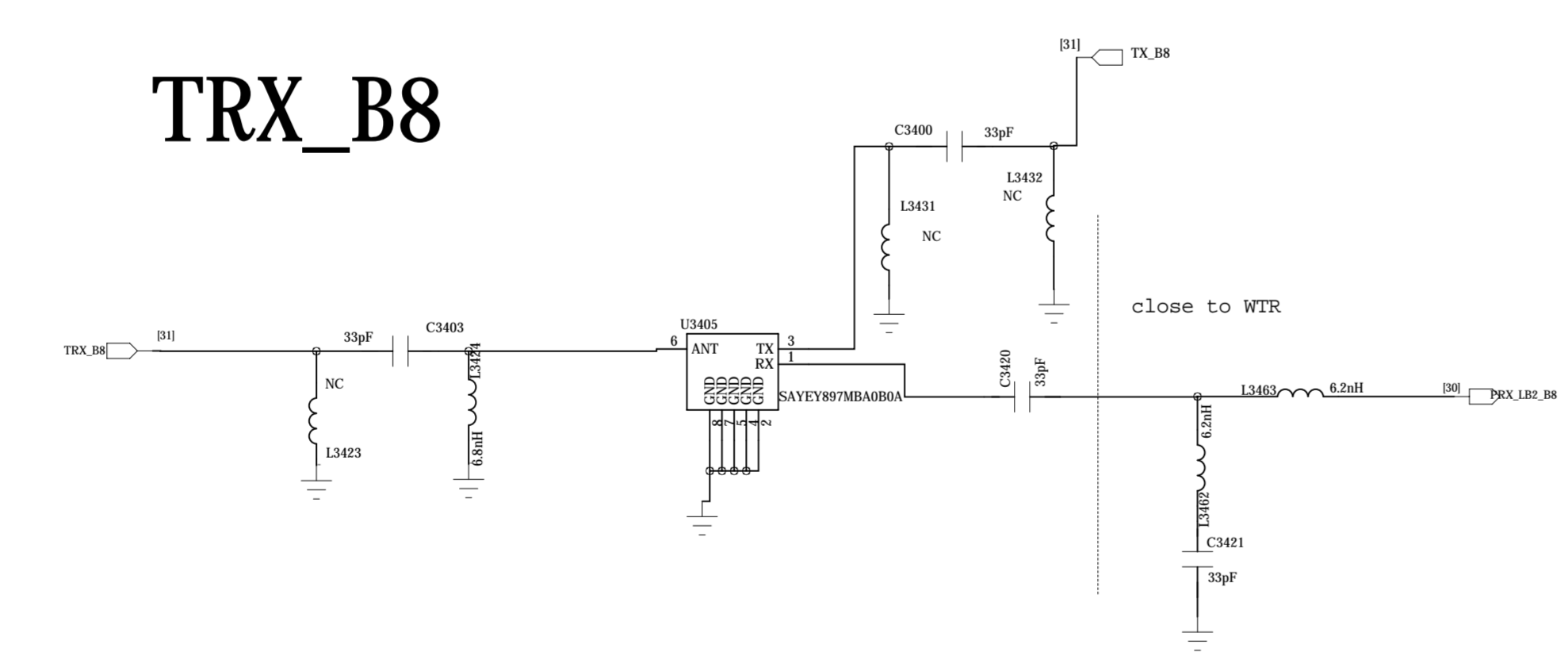
### TRX\_B5\_B19



### TRX\_B20



### TRX\_B8



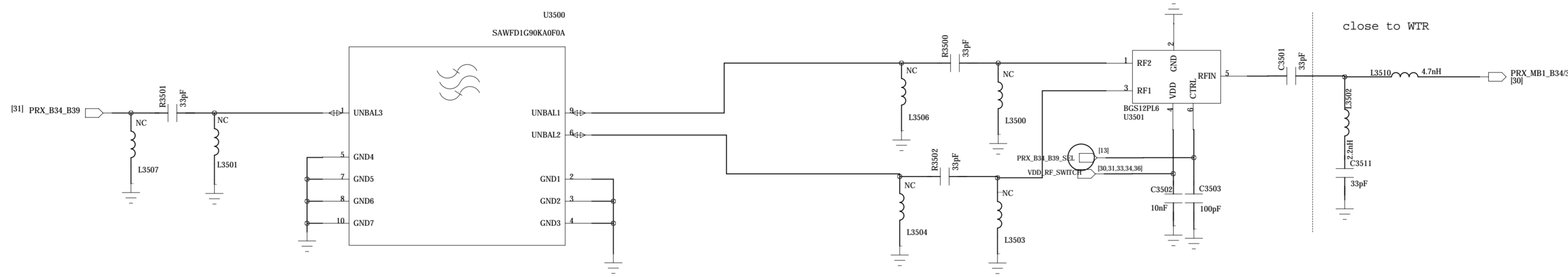
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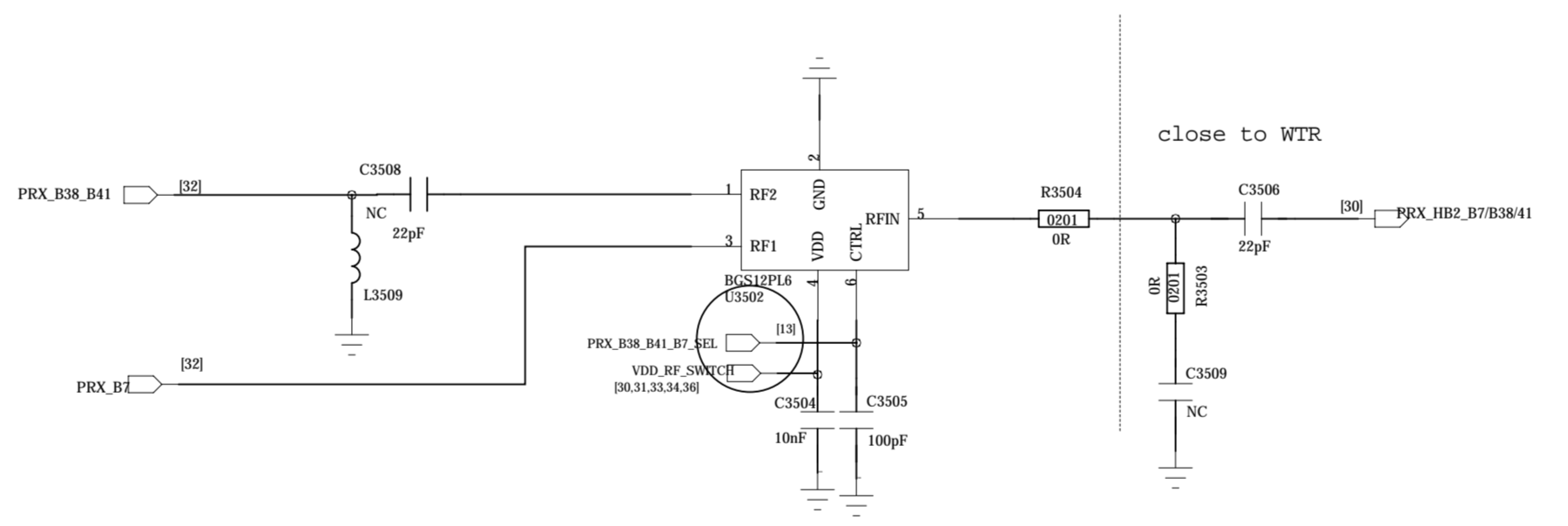
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Date: \_\_\_\_\_  
Page: \_\_\_\_\_

### PRX\_B34/B39



BGS12PL6	
MODE	VC1
RFIN-RF1	0
RFIN-RF2	1

### LTE\_PRX\_HB



BGS12PL6	
MODE	VC1
RFIN-RF1	0
RFIN-RF2	1

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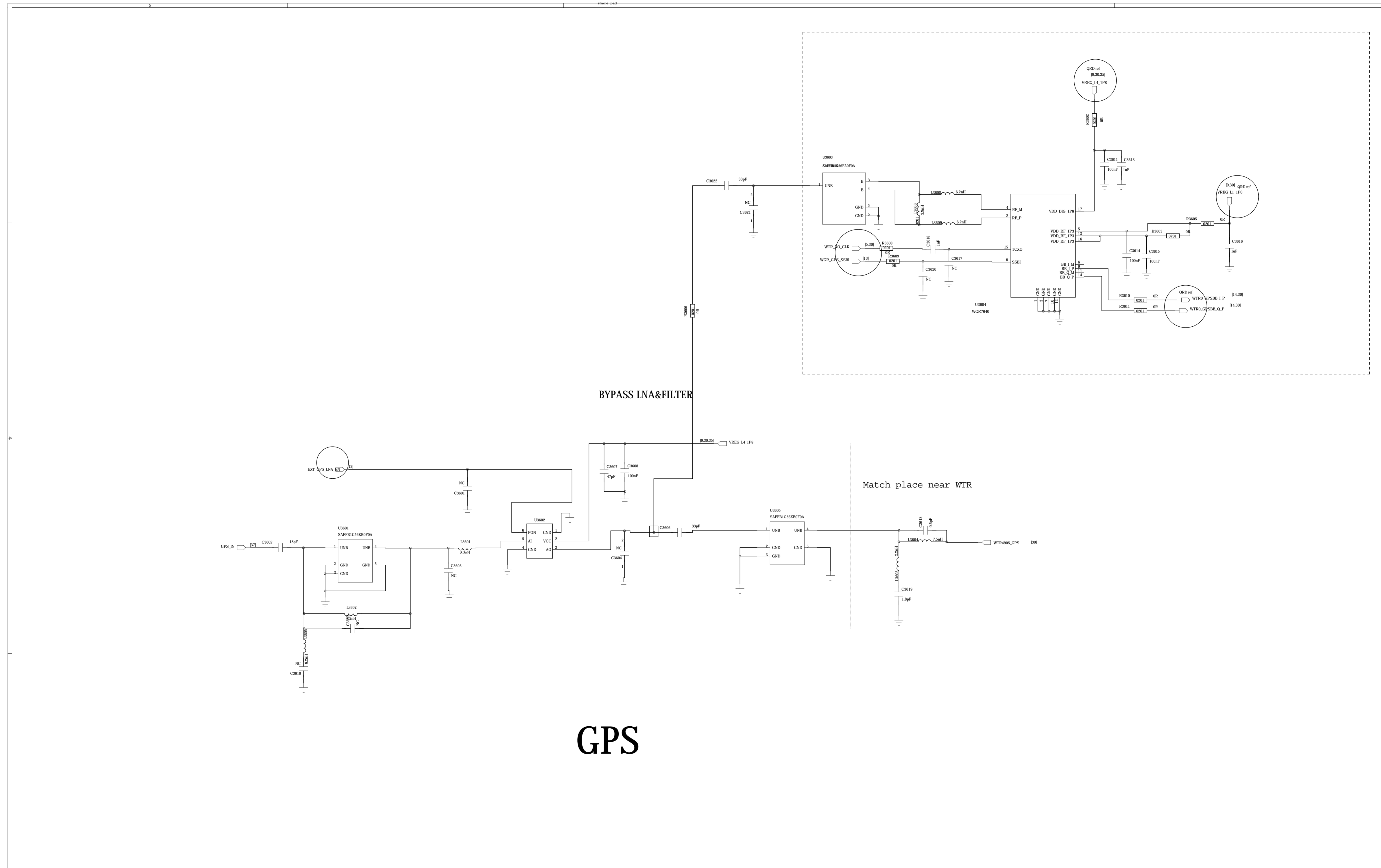
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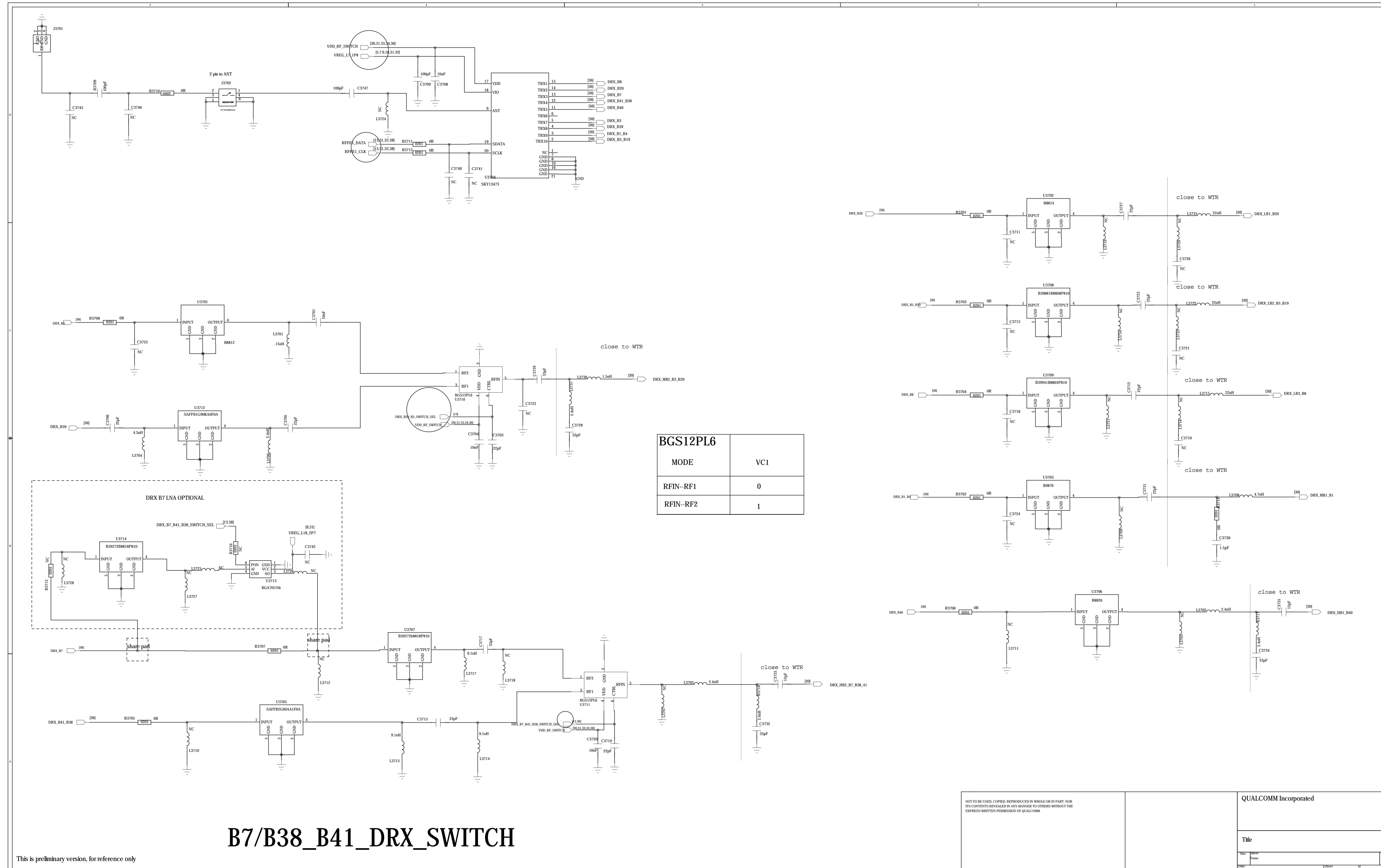
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 Version: \_\_\_\_\_

# GPS/GLONASS

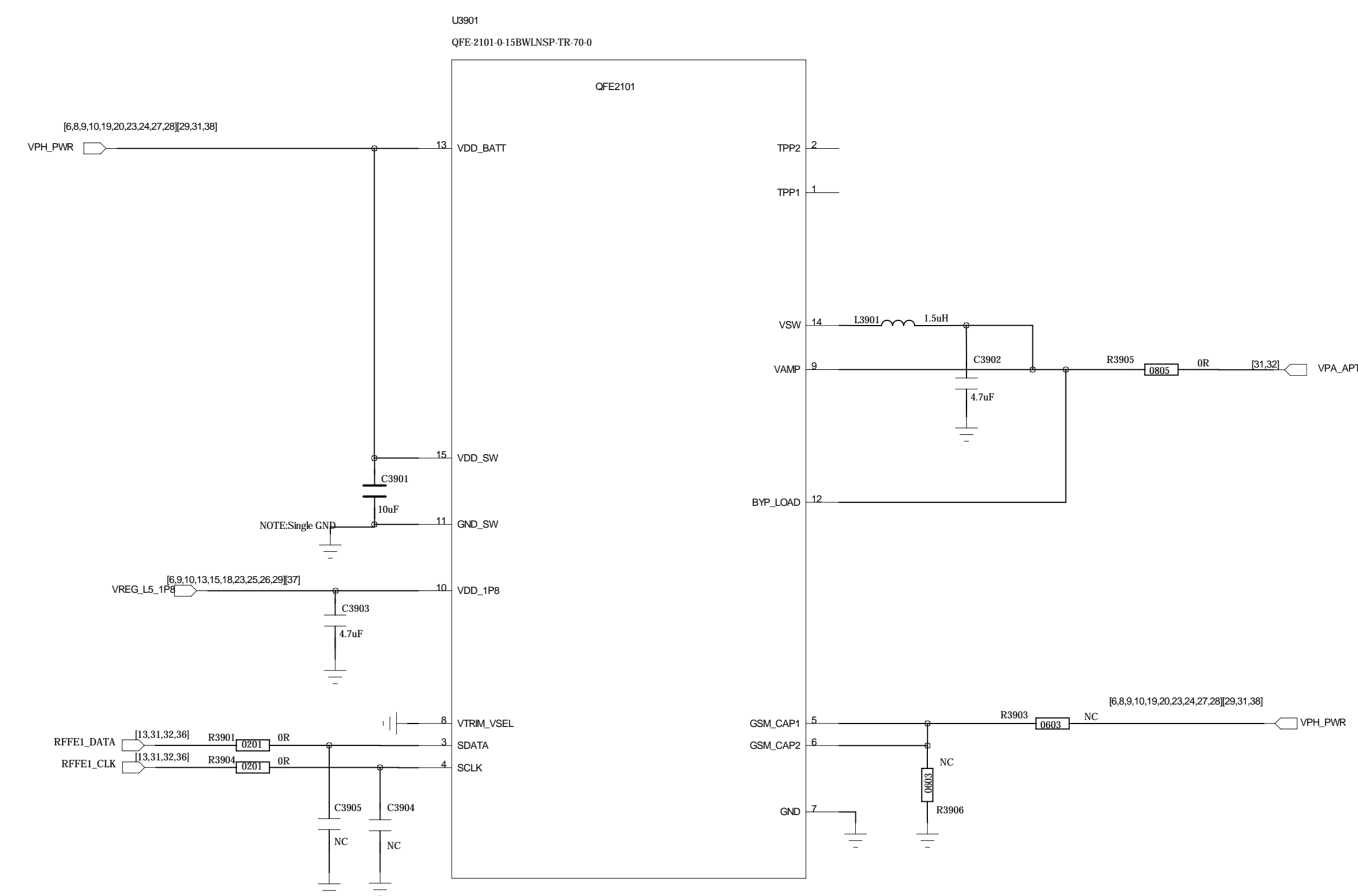
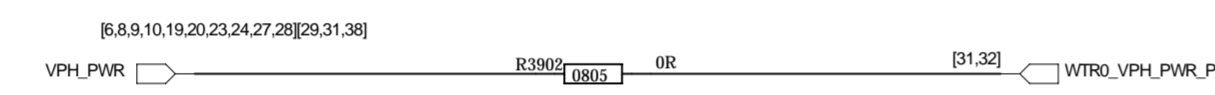
BYPASS LNA&FILTER



# GPS





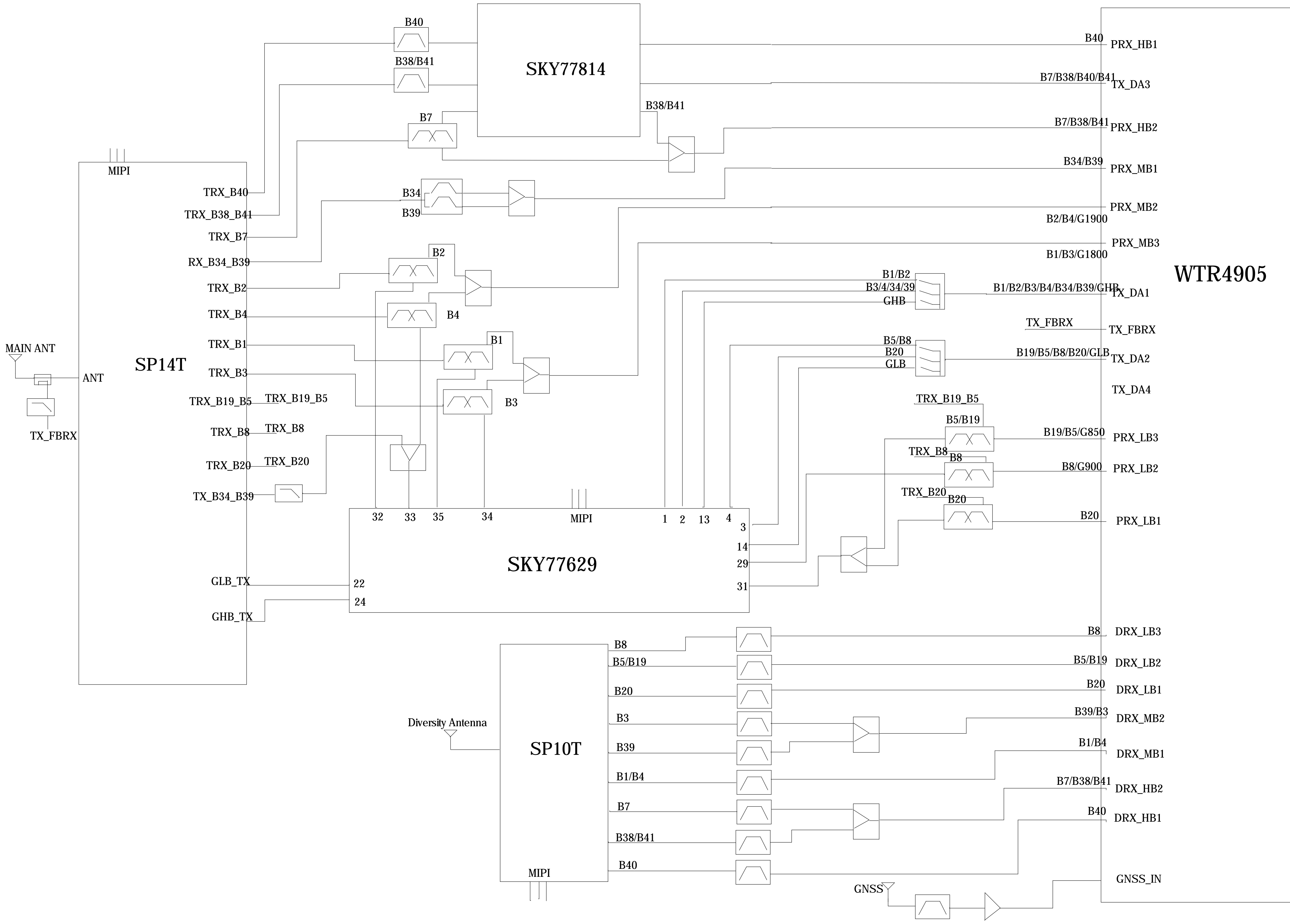


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**WTR4905**

Change list for BB part

Item	Description	Reason
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Title

Sheet

Page

Date