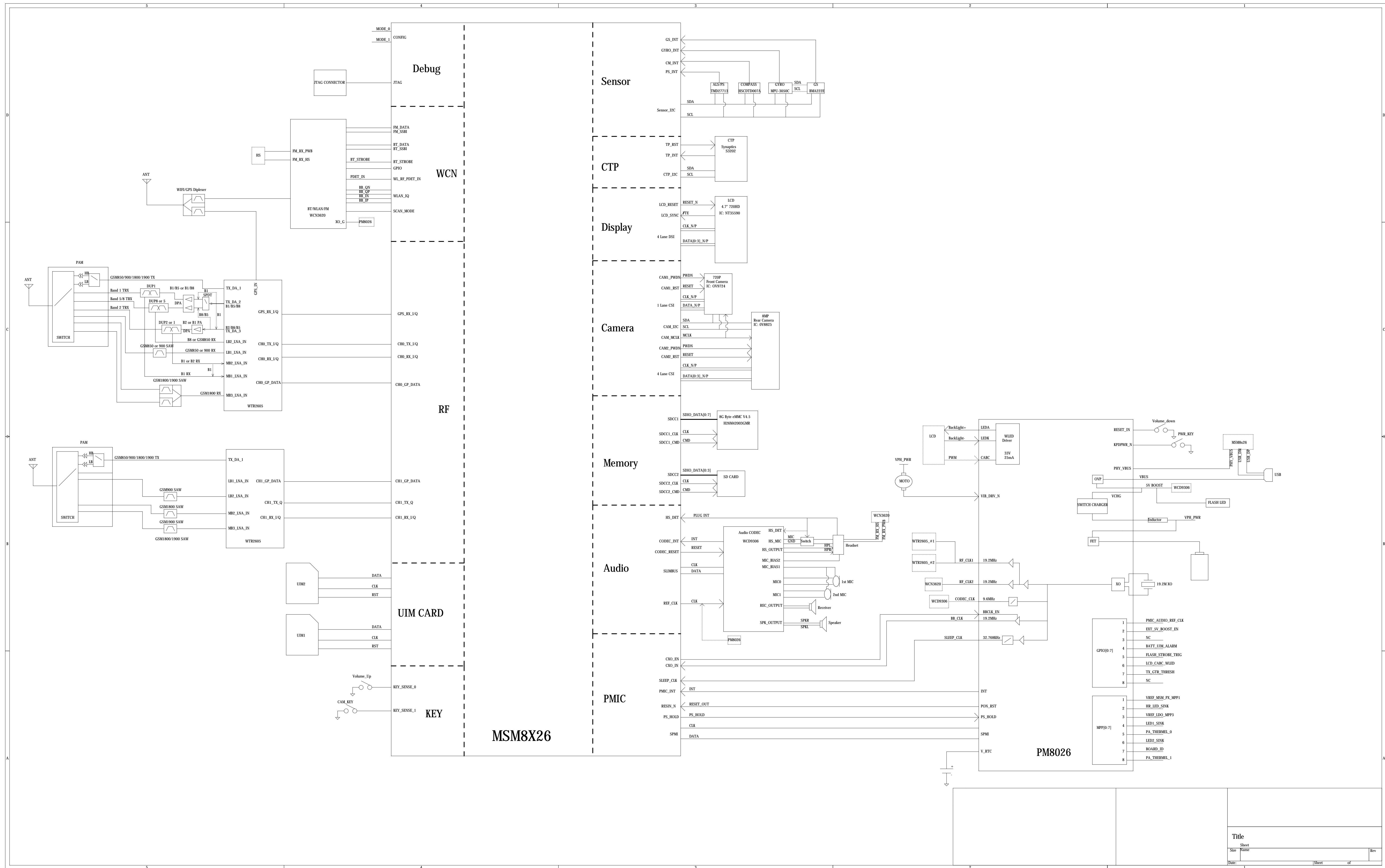


[illegible]





MSM8x26 GPIO Configuration For QRD8x26

GPIO_0	NC	GPIO_41	WCSS_WLAN_DATA1	GPIO_82	CH0_PA_RANGE1
GPIO_1	NC	GPIO_42	WCSS_WLAN_DATA0	GPIO_83	CH0_TXM_CTL1_SW1
GPIO_2	NC	GPIO_43	WCSS_WLAN_SET	GPIO_84	CH0_TXM_CTL2_SW0
GPIO_3	NC	GPIO_44	WCSS_WLAN_CLK	GPIO_85	CH0_GSM_PA_ON_HB
GPIO_4	NC	GPIO_45	WCSS_FM_SSB1	GPIO_86	CH0_GSM_PA_ON_LB
GPIO_5	NC	GPIO_46	WCSS_FM_SDI	GPIO_87	TX_GTR_THRESH
GPIO_6	I2C2_SDA_SENS	GPIO_47	WCSS_BT_CTL	GPIO_88	NC
GPIO_7	I2C2_SCL_SENS	GPIO_48	WCSS_BT_DAT_STB	GPIO_89	NC
GPIO_8	UART3_TX	GPIO_49	NC	GPIO_90	NC
GPIO_9	UART3_RX	GPIO_50	NC	GPIO_91	NC
GPIO_10	I2C6_SDA_NFC	GPIO_51	NC	GPIO_92	NC
GPIO_11	I2C6_SCL_NFC	GPIO_52	NC	GPIO_93	NC
GPIO_12	NC	GPIO_53	UIM2_DATA	GPIO_94	NC
GPIO_13	MSM_HS_DET	GPIO_54	UIM2_CLK	GPIO_95	CH0_GSM_TX_PHASE_D0
GPIO_14	NC	GPIO_55	UIM2_RST	GPIO_96	CH0_GSM_TX_PHASE_D1
GPIO_15	CAM_1V8_EN	GPIO_56	NC	GPIO_97	NC
GPIO_16	CTP_RST_N	GPIO_57	UIM1_DATA	GPIO_98	NC
GPIO_17	CTP_INT	GPIO_58	UIM1_CLK	GPIO_99	NC
GPIO_18	I2C5_SDA_CTP	GPIO_59	UIM1_RST	GPIO_100	NC
GPIO_19	I2C5_SCL_CTP	GPIO_60	LCD_ID	GPIO_101	CH0_SSB1_PRX
GPIO_20	NFC_DISABLE_N	GPIO_61	BATT_UIM_ALARM	GPIO_102	CH0_SSB1_TX_GPS
GPIO_21	NFC_INT_N	GPIO_62	NC	GPIO_103	NC
GPIO_22	SPI_CS_EHT	GPIO_63	ACCL_INT1_N	GPIO_104	NC
GPIO_23	NC	GPIO_64	NC	GPIO_105	GPS_ELNA_EN
GPIO_24	DSI_LCD_TE	GPIO_65	ALSP_INT_N	GPIO_106	VOLUME+
GPIO_25	DSI_LCD_RST	GPIO_66	MAG_INT_N	GPIO_107	VOLUME-
GPIO_26	CAM_MCLK0	GPIO_67	MSM_CODEC_REF_CLK	GPIO_108	NC
GPIO_27	NC	GPIO_68	CEDEC_INT1_N	GPIO_109	NC
GPIO_28	CAM2_RST_N	GPIO_69	NC	GPIO_110	NC
GPIO_29	I2C0_SDA_CAM	GPIO_70	CODEC_SLIMBUS_CLK	GPIO_111	NC
GPIO_30	I2C0_SCL_CAM	GPIO_71	CODEC_SLIMBUS_DATA	GPIO_112	NC
GPIO_31	NC	GPIO_72	CODEC_RST_N	GPIO_113	FORCE_USB_BOOT
GPIO_32	FLASH_STROBE_TRIG	GPIO_73	FORT_CAM_ID	GPIO_114	NC
GPIO_33	NC	GPIO_74	BACK_CAM_ID	GPIO_115	NC
GPIO_34	NC	GPIO_75	CH0_PA_ON4_B1	GPIO_116	NC
GPIO_35	CAM2_STANDBY	GPIO_76	NC	GPIO_117	NC
GPIO_36	CAM1_STANDBY	GPIO_77	WTR0_GSM_TDS_SEL	GPIO_118	NC
GPIO_37	CAM1_RST_N	GPIO_78	CH0_PA_ON1_B8	GPIO_119	NC
GPIO_38	NC	GPIO_79	CH0_TXM_CTL0_SPDT	GPIO_120	NC
GPIO_39	WCSS_BT_SSB1	GPIO_80	CH0_WTR_RF_ON		
GPIO_40	WCSS_WLAN_DATA2	GPIO_81	CH0_PA_RANGE0 ( BOOT_CONFIG_0 )		

PM8026 GPIO/MPP Configuration For QRD8x26

GPIO_1	AUDIO_REF_CLK (DIVCLK1)	MPP_1	VREF_PX
GPIO_2	EXT_5VBOOST_EN	MPP_2	HR_LED_SNK
GPIO_3	BBCLK2_EN	MPP_3	VREF_LDO
GPIO_4	BATT_UICC_ALARM	MPP_4	LED1_SINK
GPIO_5	FLASHNOW	MPP_5	PA2_THERM
GPIO_6	CABC_WLED	MPP_6	LED2_SINK
GPIO_7	TX_GTR_THRESH	MPP_7	HWID
GPIO_8	SYS_BOOST_FORCE_BYP	MPP_8	PA1_THERM

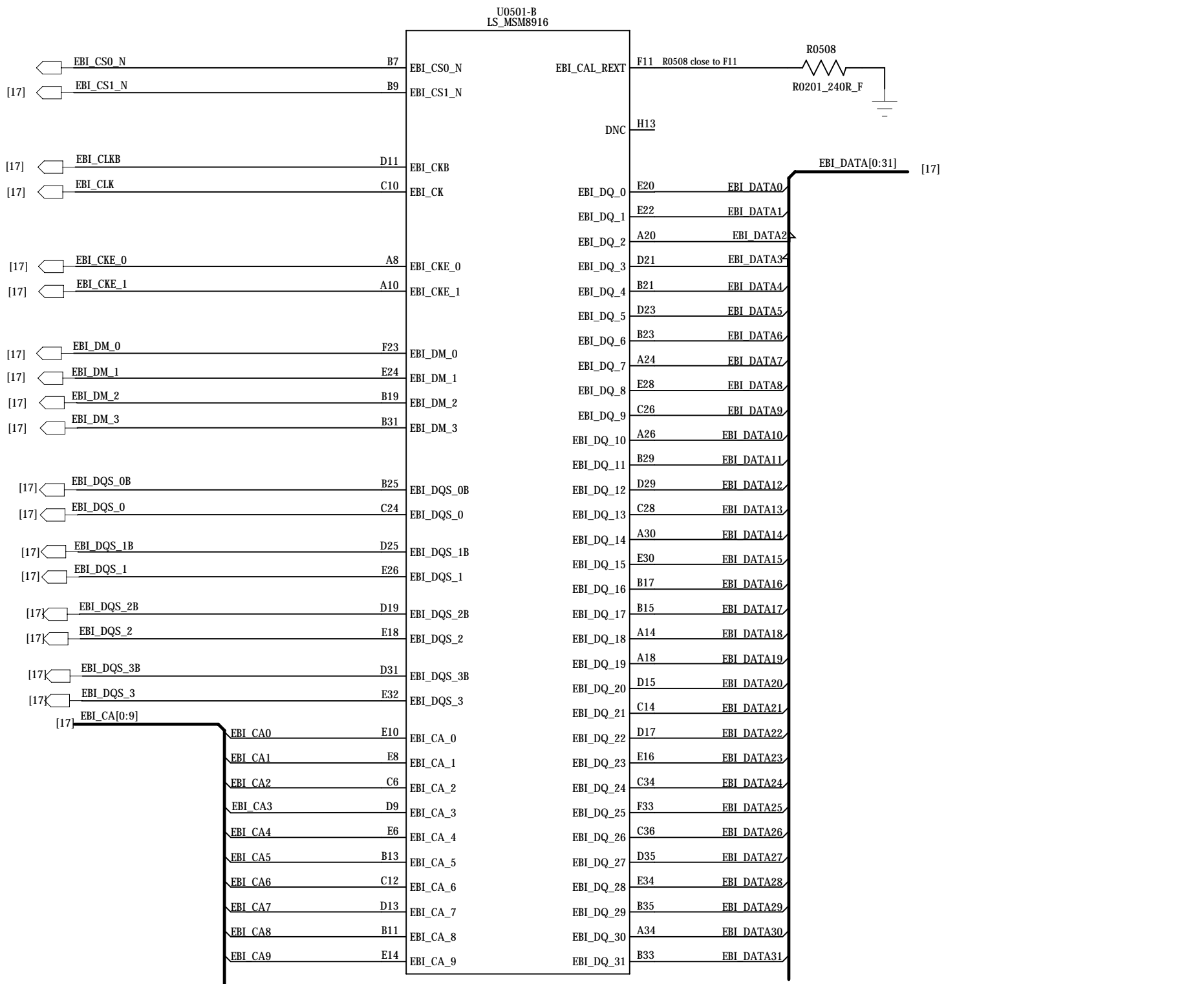
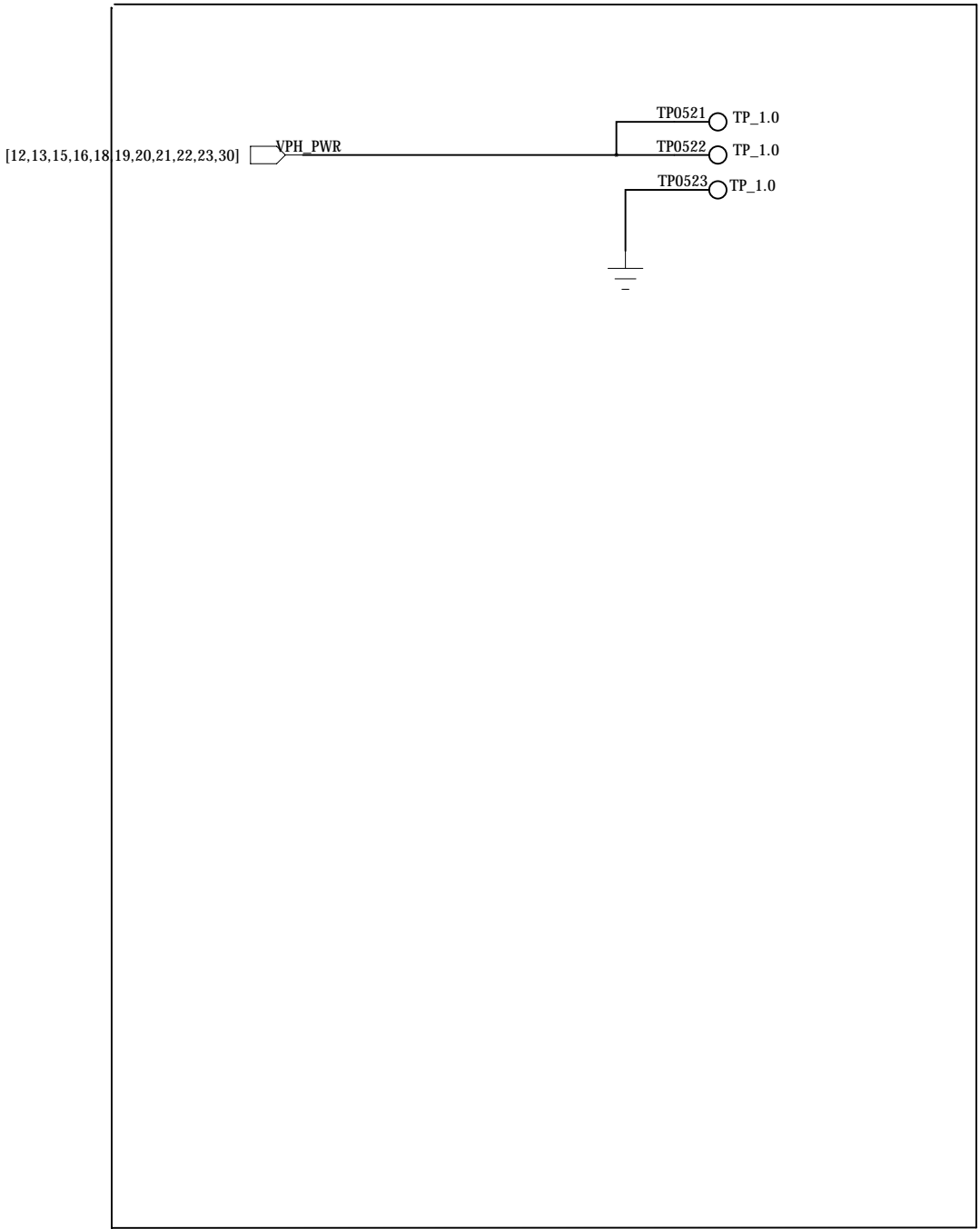
I2C Address List For QRD8x26

I2C GPIO	Device	MPN	Write Address	Read Address
GPIO[6:7]	Accelerometer	BMA222E	0x31	0x30
	Magnetometer	HSCDTD007A	0x19	0x18
	Gyroscope	MPU-3050C	0xD1	0xD0
	ALS/Proximity	TMD27713T	0x73	0x72
GPIO[18:19]	Touch Screen	S3202	0x41	0x40
GPIO[29:30]	Front Camera	OV9724	0x41	0x40
	Rear Camera	OV8825	0x6D	0x6C

Interrupt List For QRD8x26

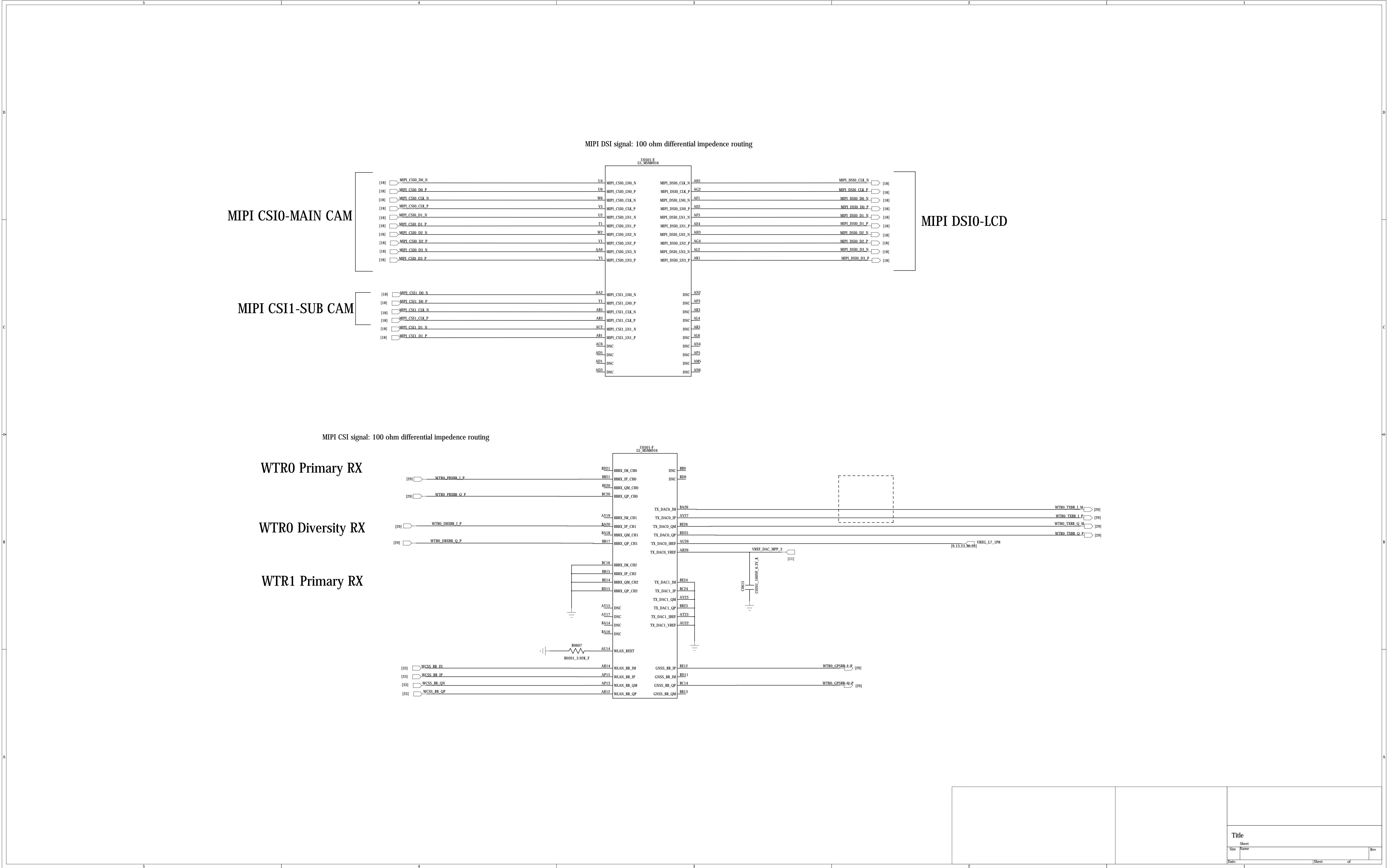
GPIO	Name	Description	State
GPIO_11	MSM_HS_DET	Headset Plug In Detection	Active Low
GPIO_17	CTP_INT	Interrupt From CTP Sensor	Default Low /Open Drain
GPIO_38	SD_CARD_DET_N	SD Card Insert Detection	Insert Low/Remove High
GPIO_49	ACCL_INT2_N	Interrupt2 From Accelerometer	Default High/Push-Pull
GPIO_63	ACCL_INT1_N	Interrupt1 From Accelerometer	Default High/Push-Pull
GPIO_64	GYRO_INT_N	Interrupt From Gyroscope	Default High/Push-Pull
GPIO_65	ALSP_INT_N	Interrupt From ALS/Proximity	Active Low /Open Drain
GPIO_66	MAG_INT_N	Interrupt From Magnetometer	Active High /Push-pull
GPIO_68	CODEC_INT1_N	Interrupt From CODEC	PA1_THERM
GPIO_115	ETH_INT_N	Interrupt From Ethernet Driver	Active Low /Push-pull

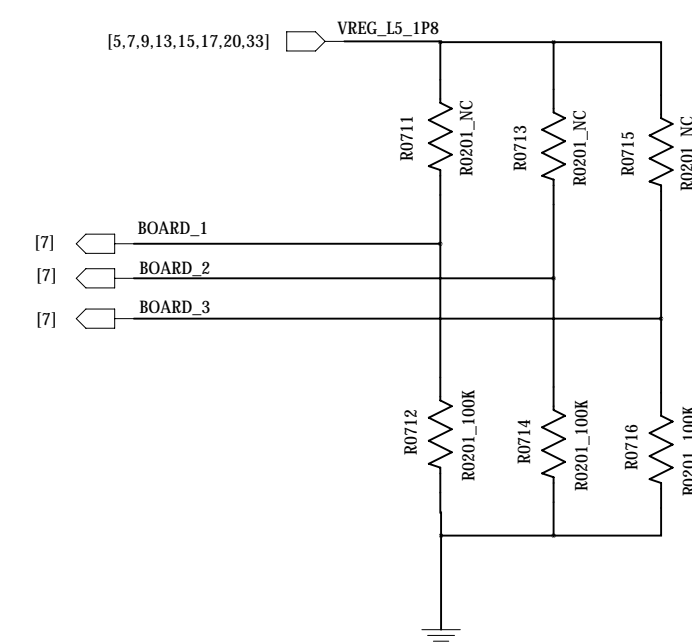
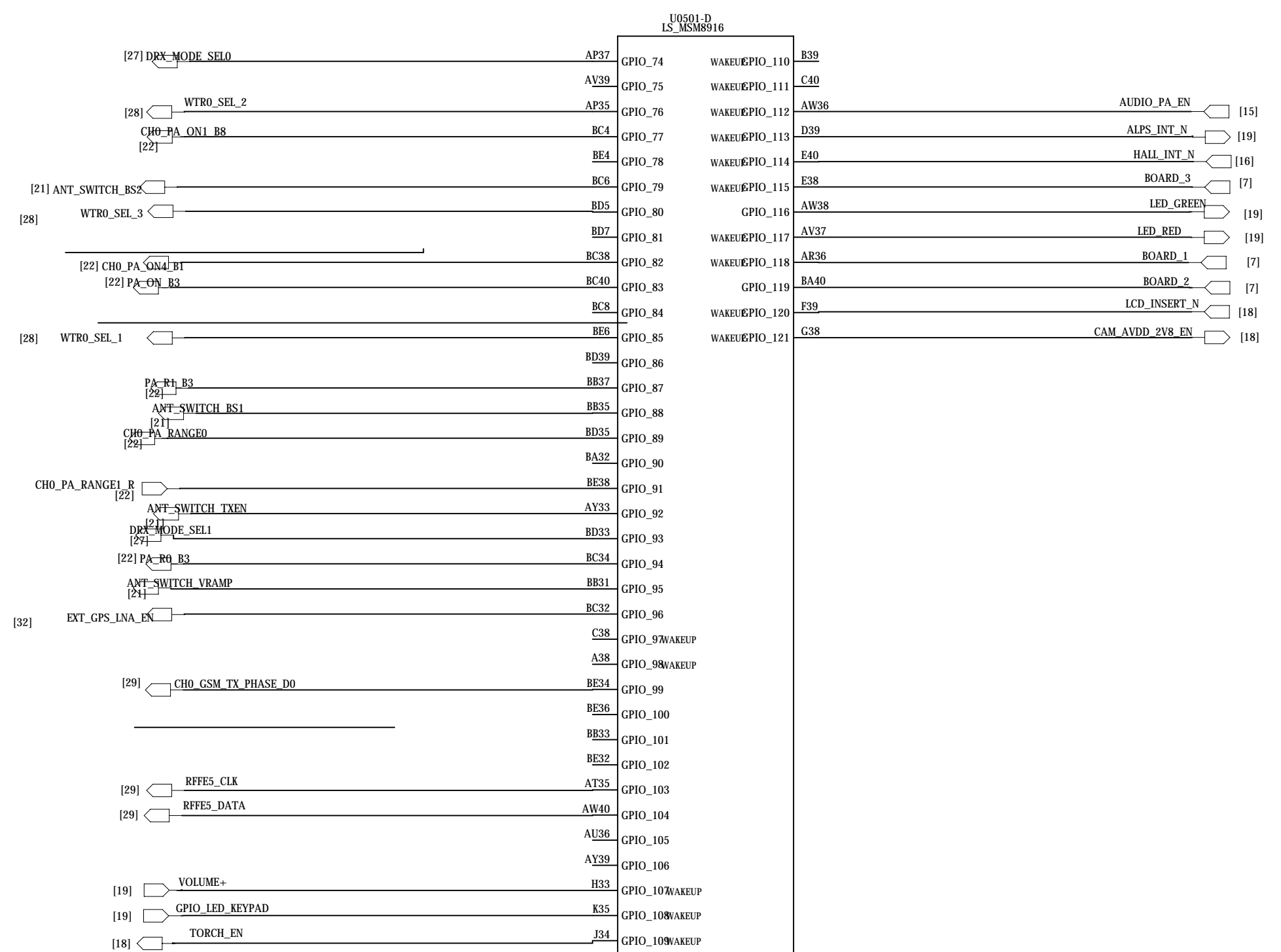
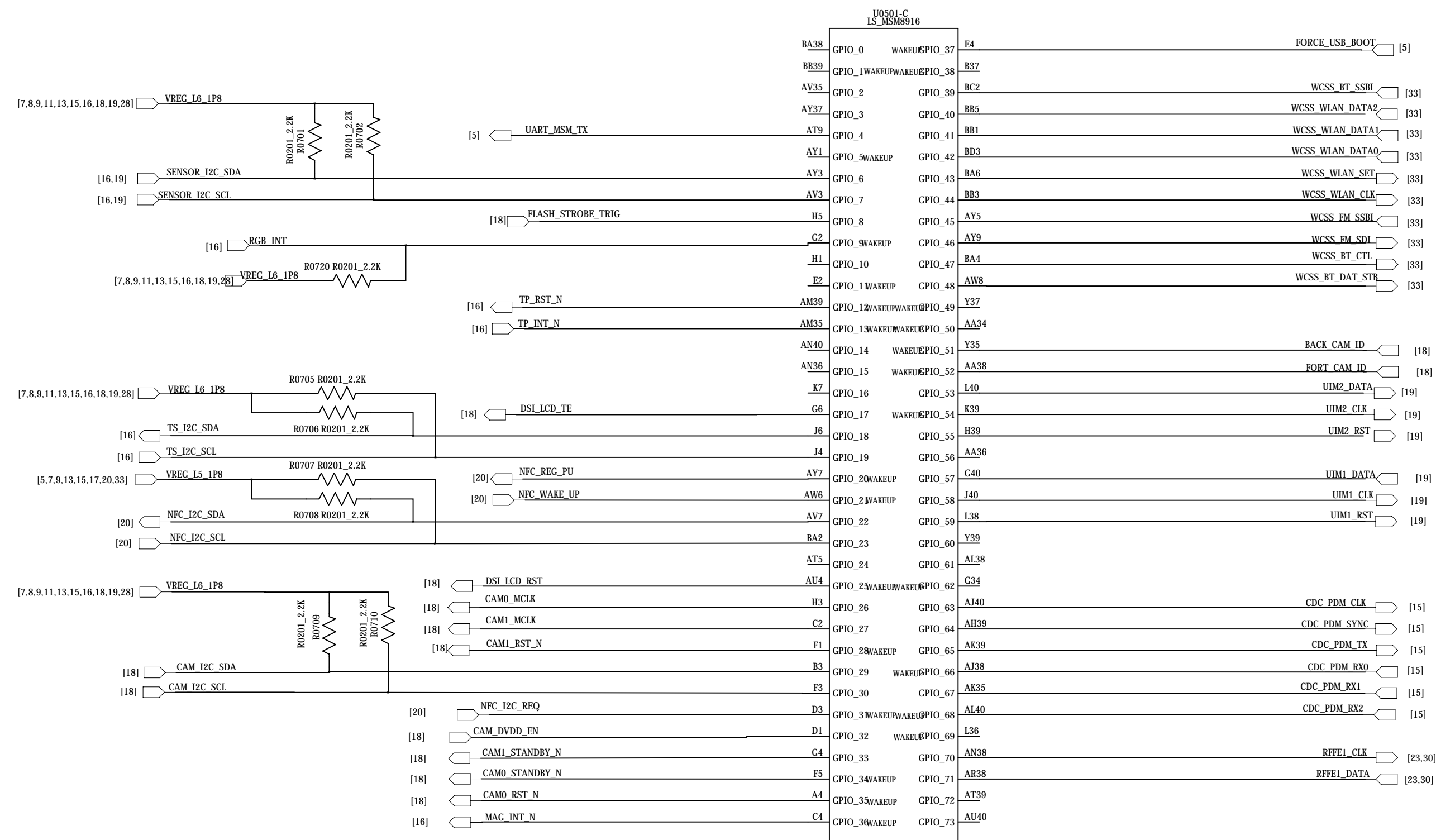
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 $^2\hat{a}\hat{B}\hat{P},\hat{A}\hat{I}\hat{O}\hat{O}\hat{D}^2\hat{a}\hat{E}\hat{O}\hat{\mu}\hat{a}\hat{I}\hat{O}\hat{A}\hat{E}\hat{A}\hat{E}\hat{Y}\hat{O}\hat{N}\hat{O}\hat{D}\hat{A}\hat{B}$

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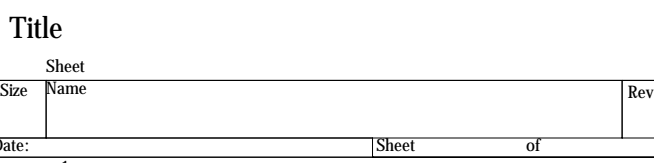




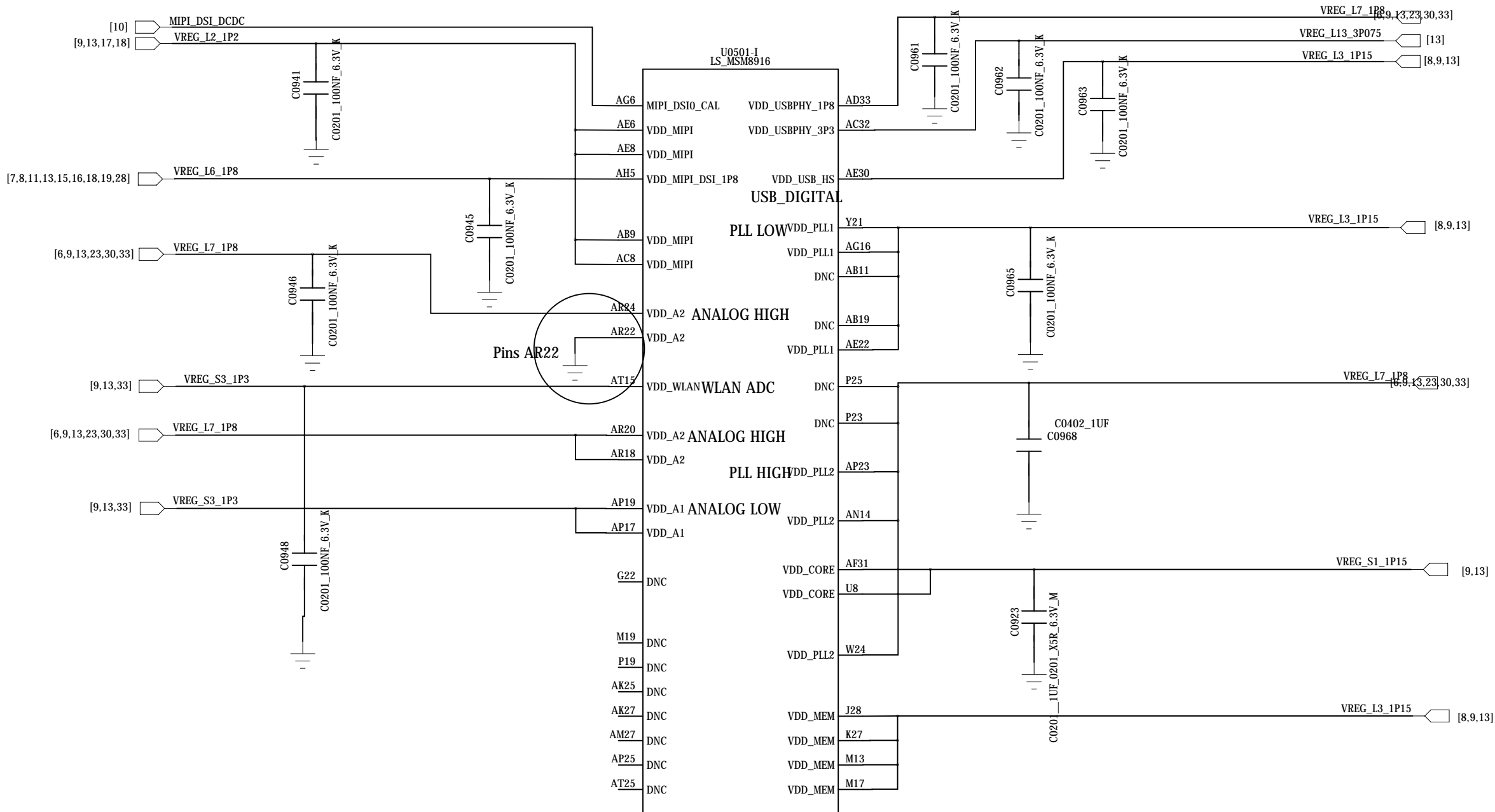
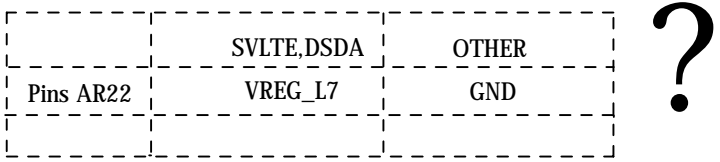
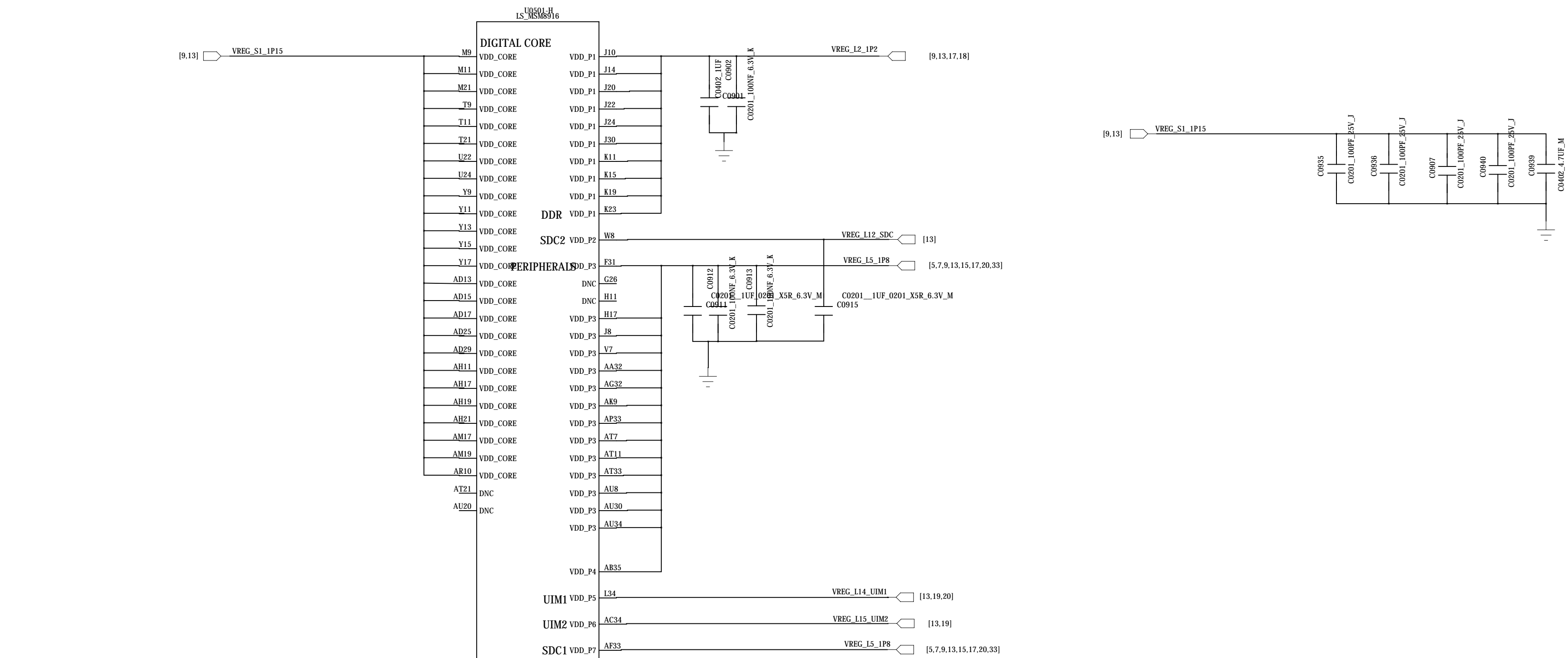
same to ql1008 but IR\_Sensor and nfc  
NFC same to QRD GPIO

Configuration GPIO Table		
GPIO_80	WDOG_DISABLE	BOOT_CONFIG_0
GPIO_81	BOOT_SEL_1	BOOT_CONFIG_1
GPIO_82	BOOT_SEL_2	BOOT_CONFIG_2
GPIO_83	BOOT_SEL_3	BOOT_CONFIG_3
GPIO_84		BOOT_CONFIG_4
GPIO_86		BOOT_CONFIG_5
GPIO_87		BOOT_CONFIG_6
GPIO_88		BOOT_CONFIG_7
GPIO_90		BOOT_CONFIG_8
GPIO_37	FORCE_USB_BOOT	

BOOT_SEL	BOOT MODE
0b000 (Default)	eMMC->SDC2->USB
0b001	SDC2->eMMC->USB
0b010	eMMC->USB
0b011	USB-HS only

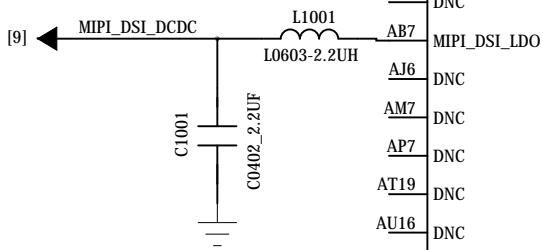
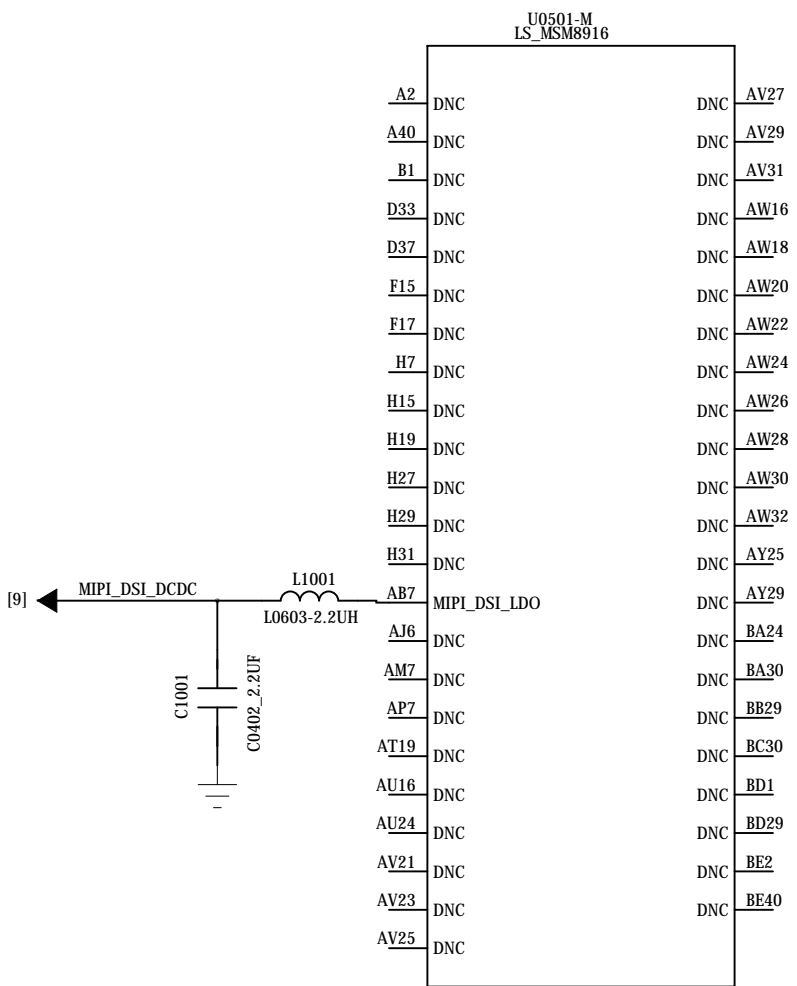
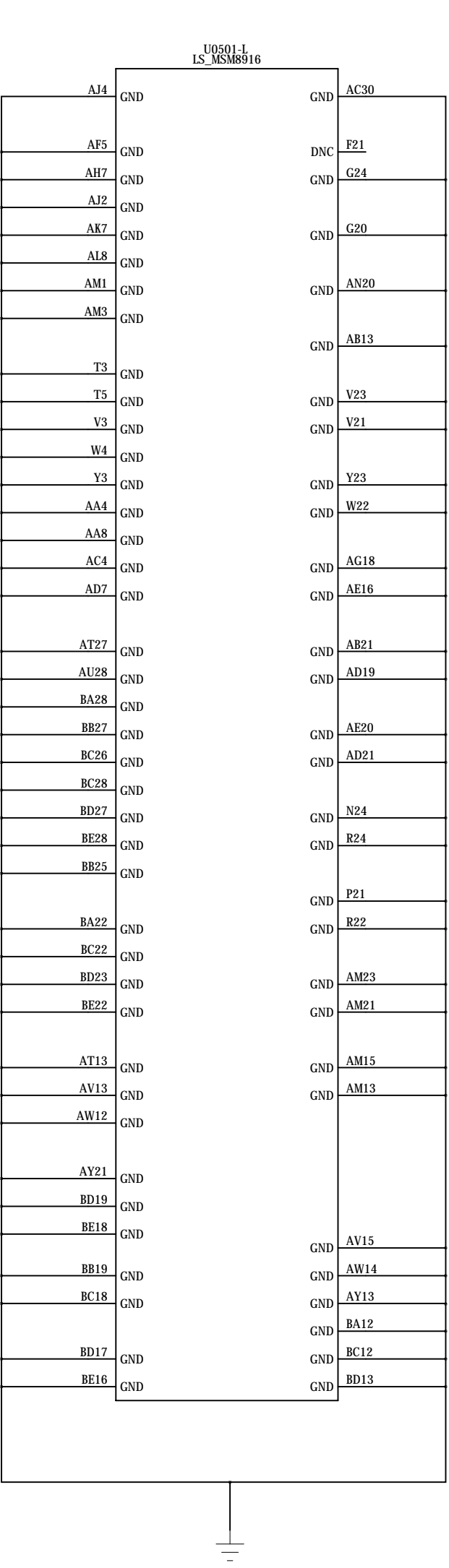
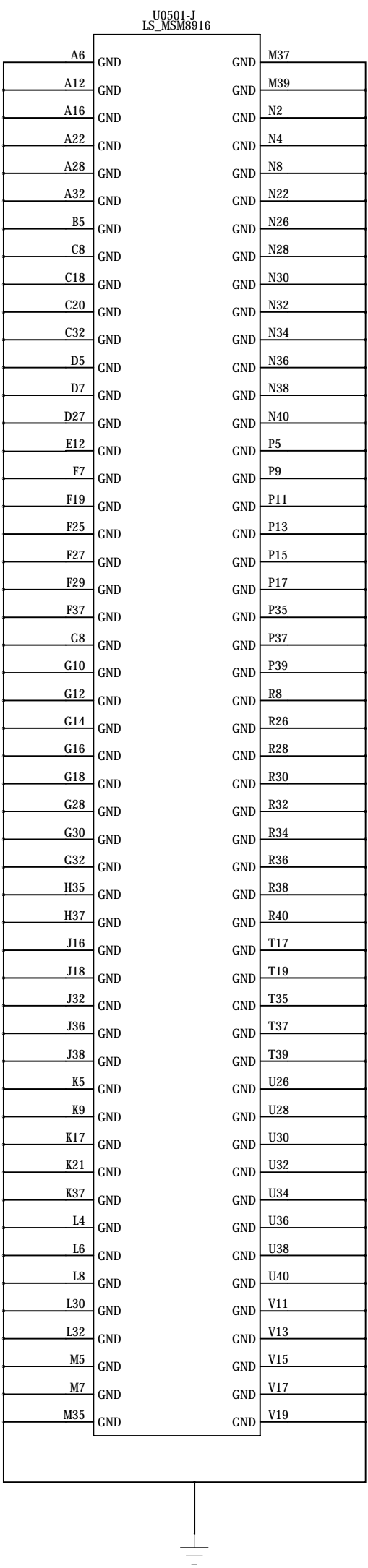
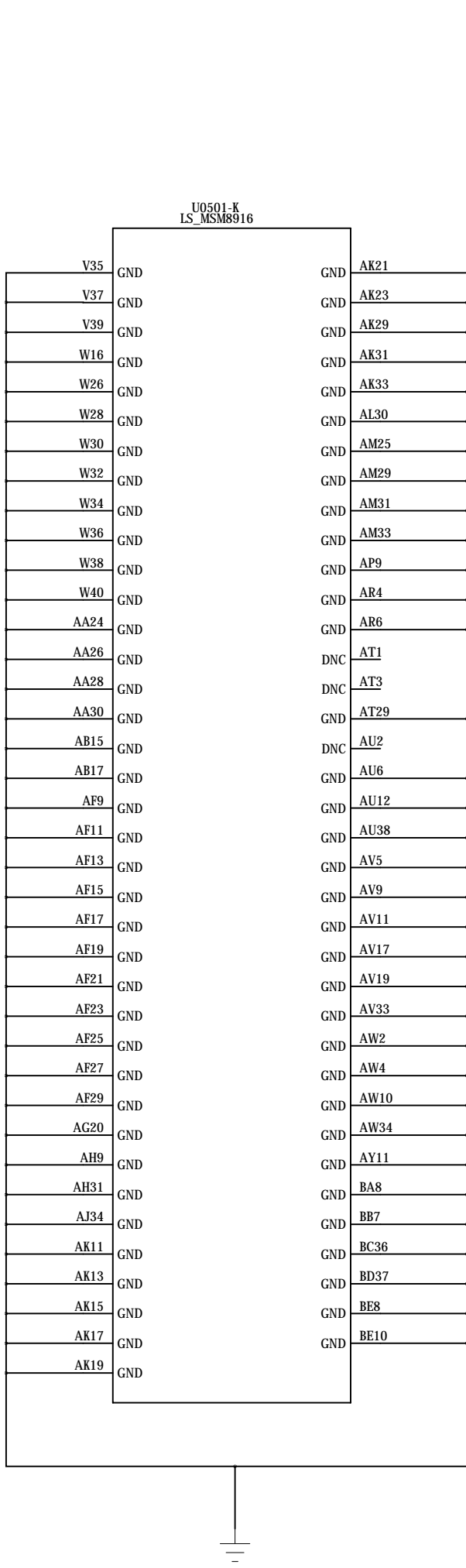


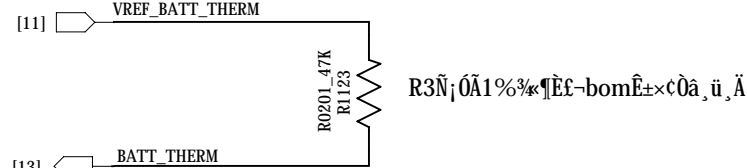
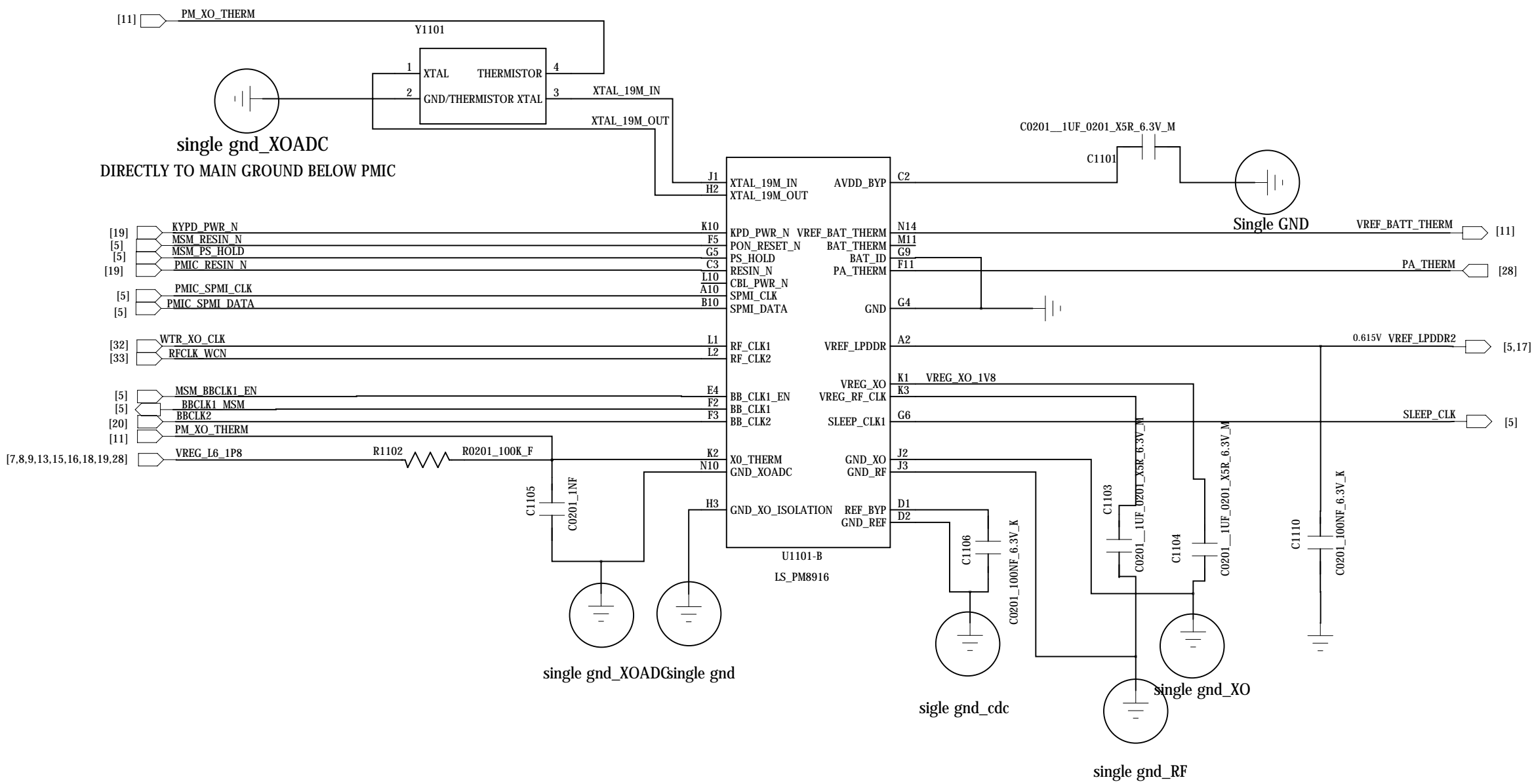




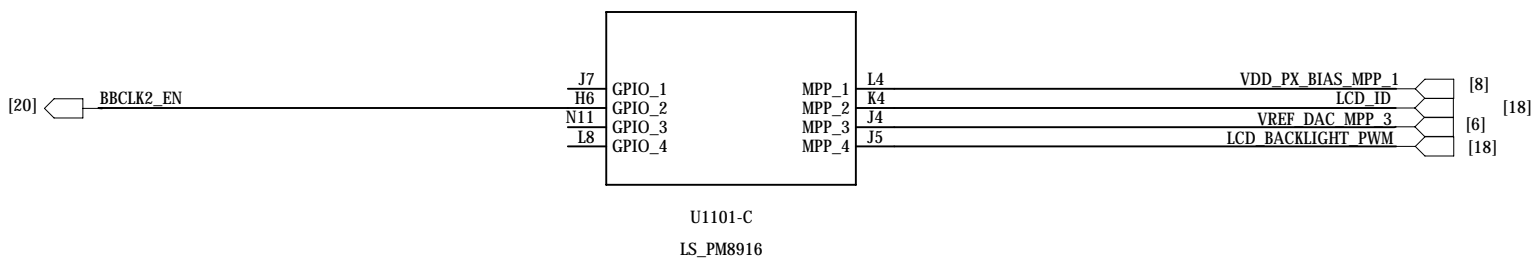


Check pass



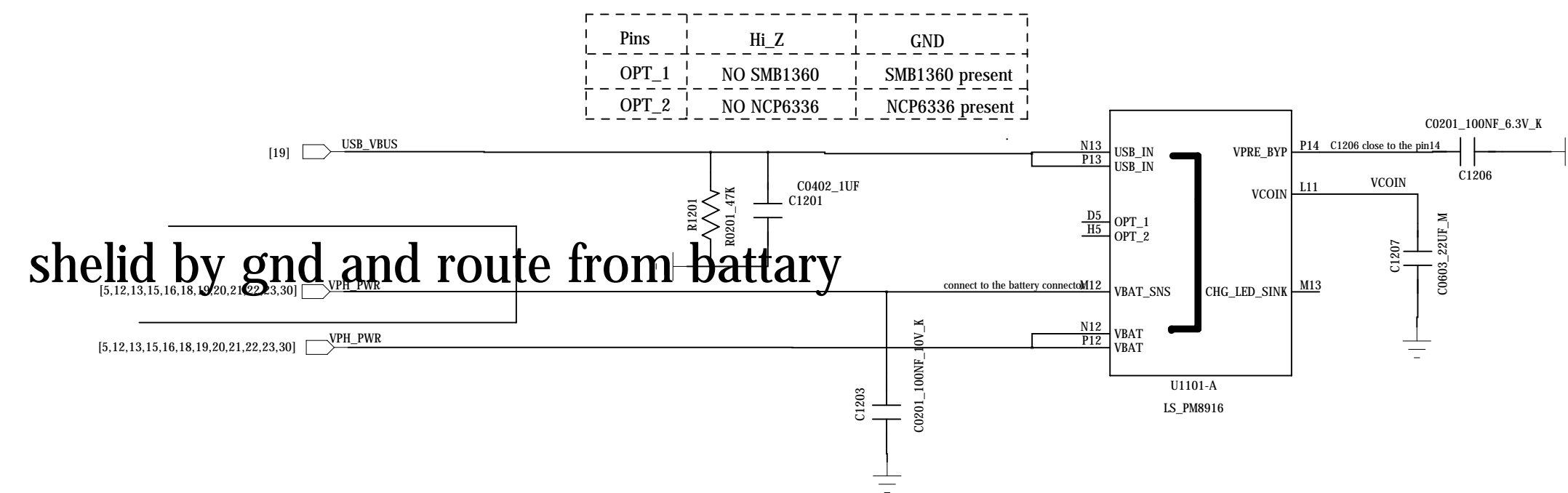


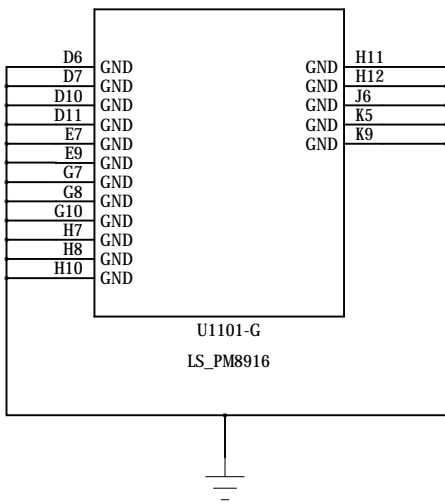
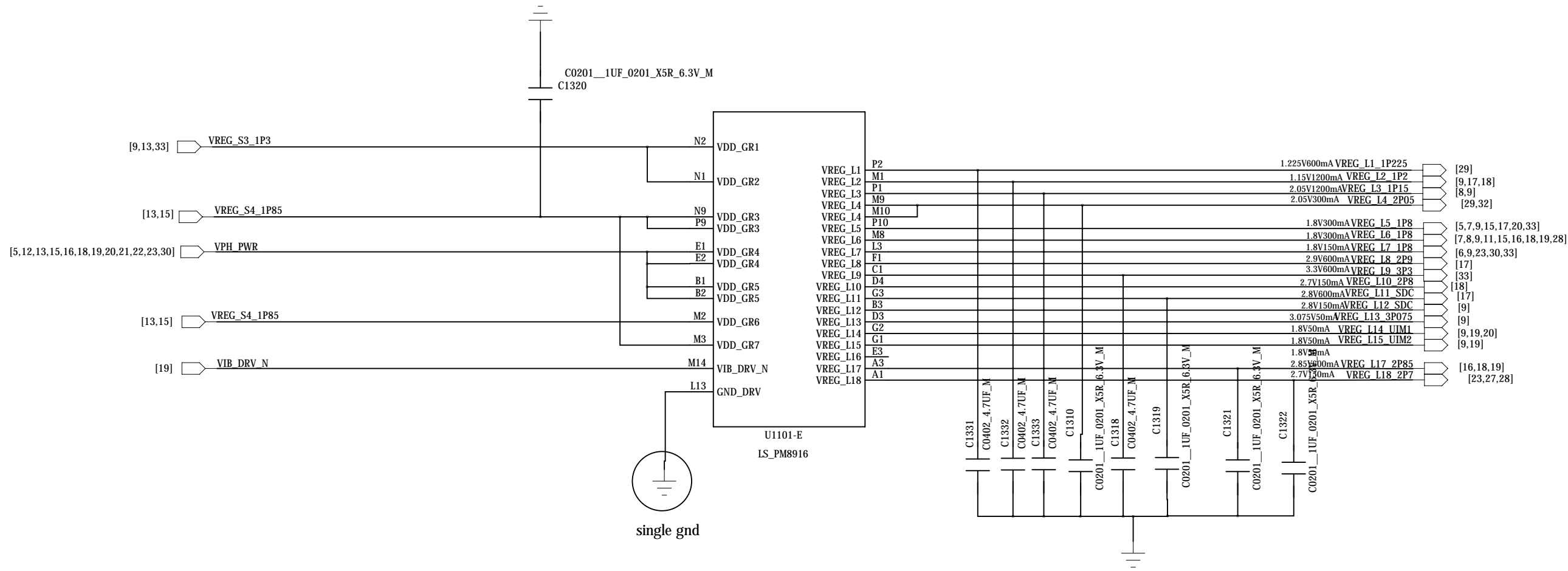
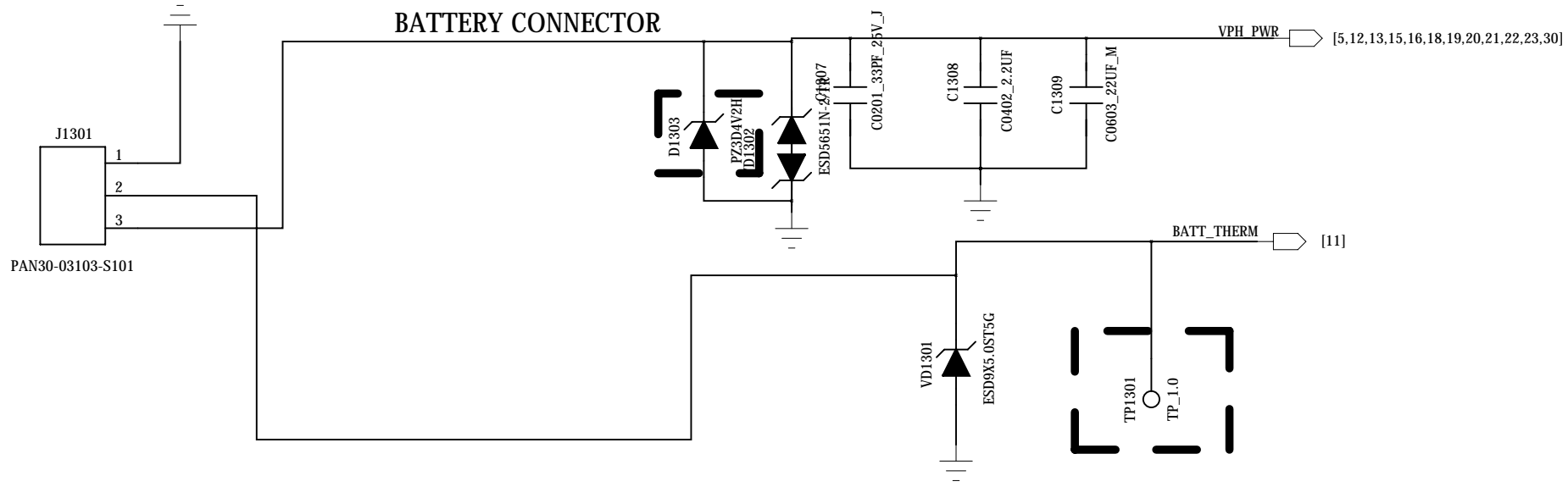
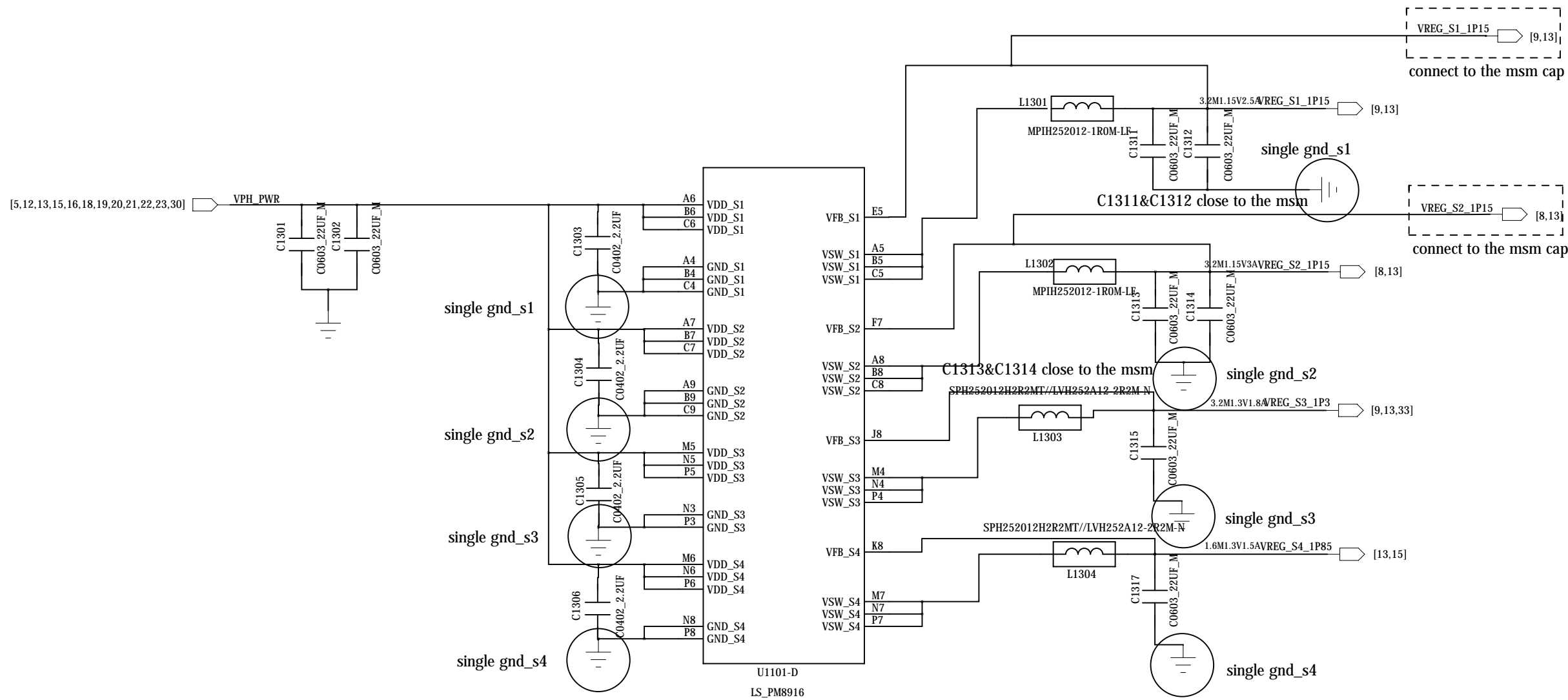
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CHARGING:0~55 DEGREE





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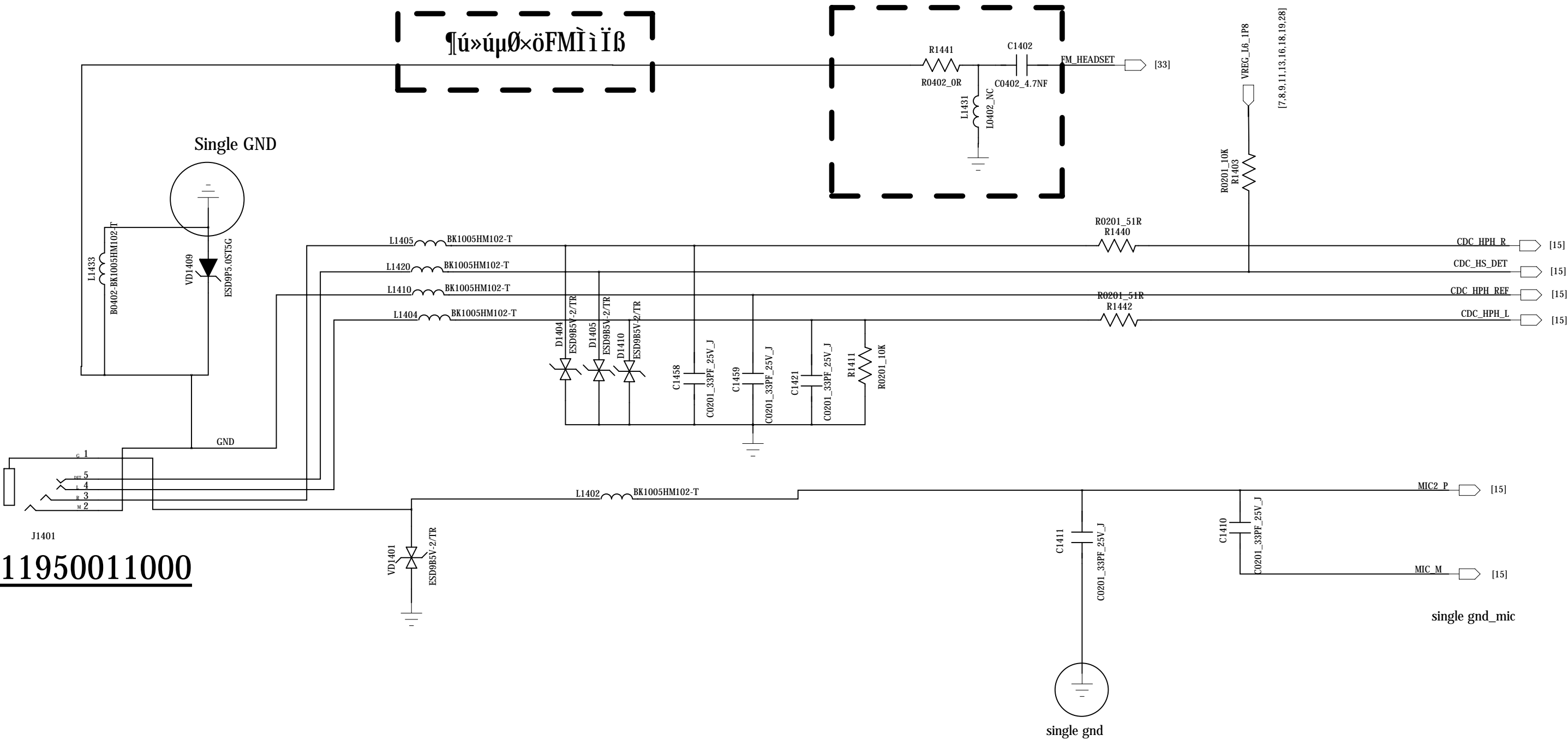
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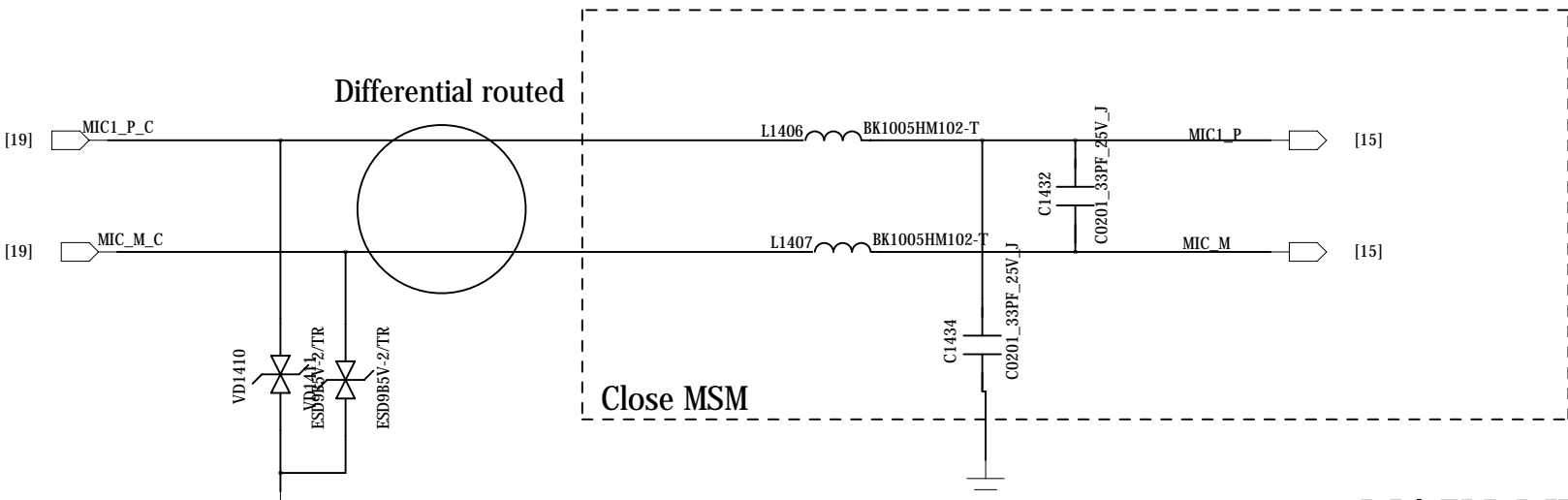


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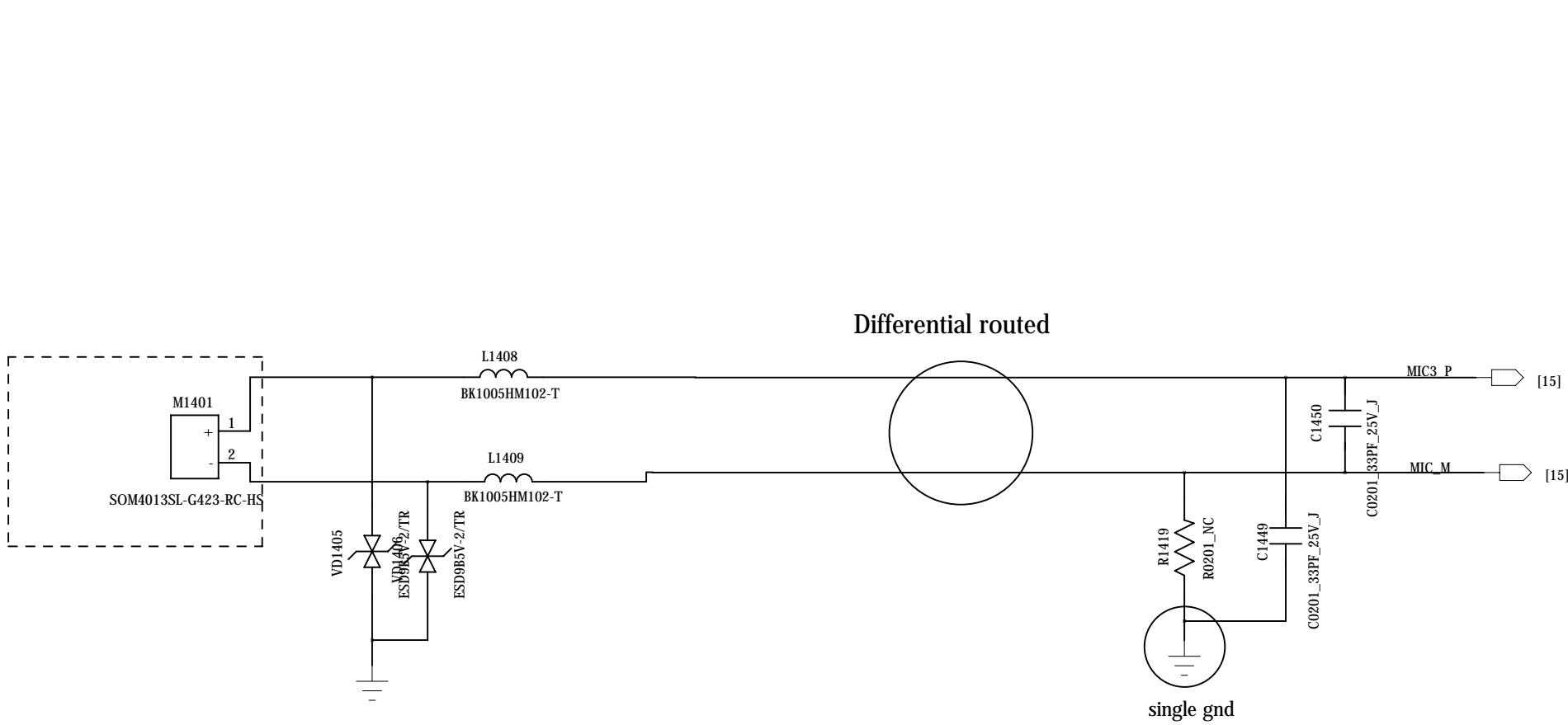
1. MIC\_BIAS2



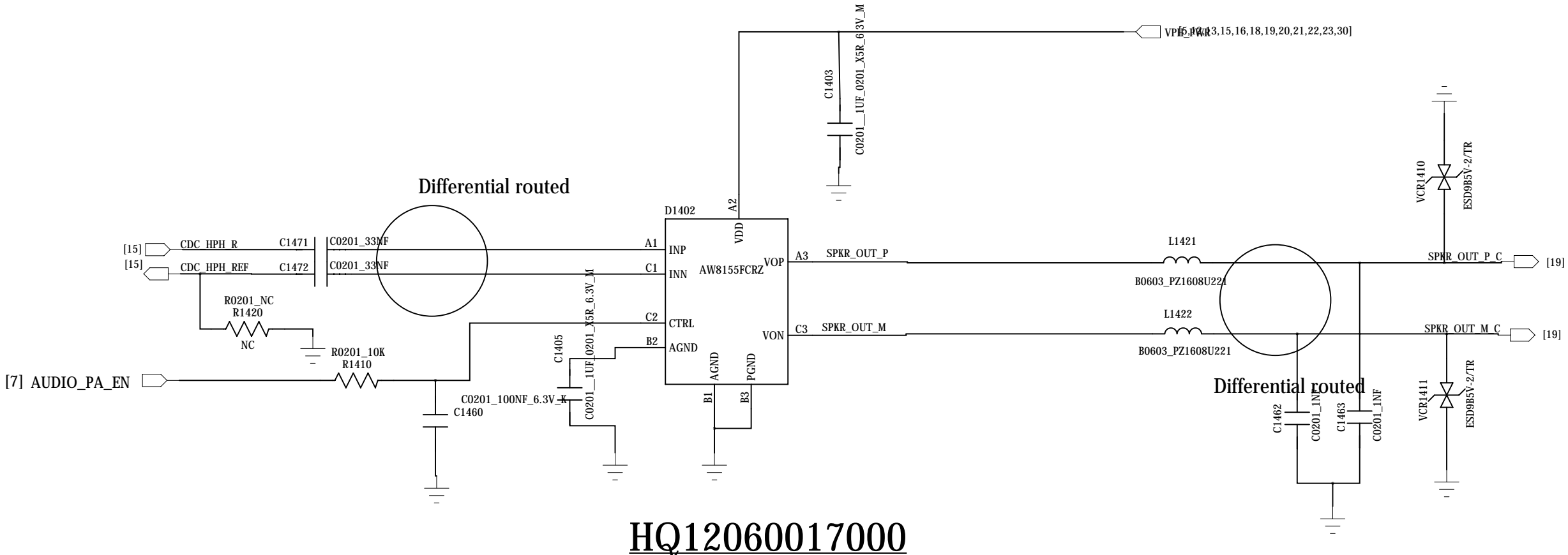
HEADSET JACK



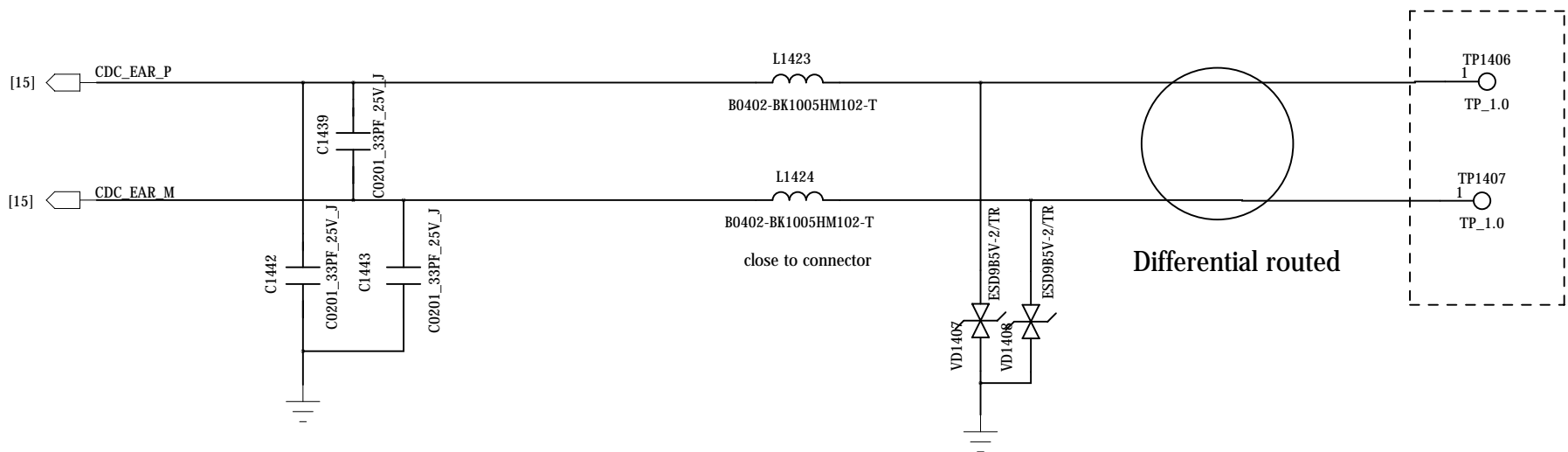
MAIN MIC



SECONDARY MIC



RECEIVER



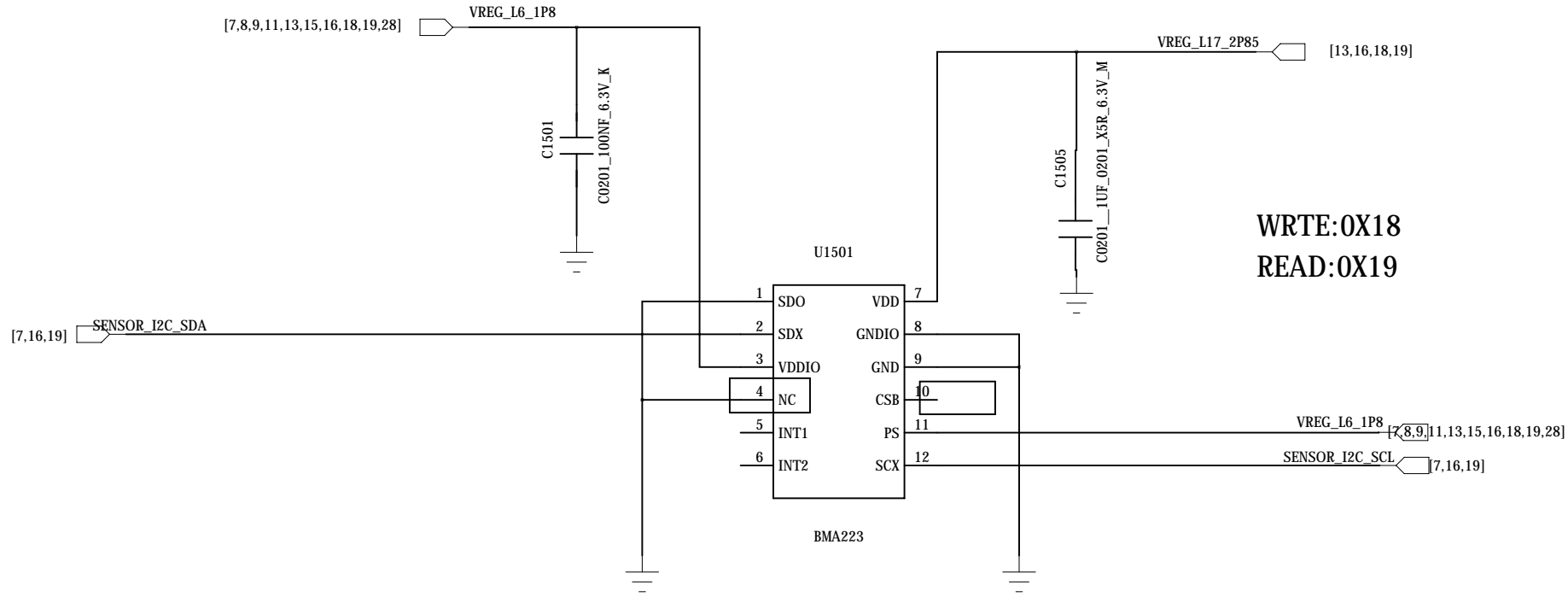
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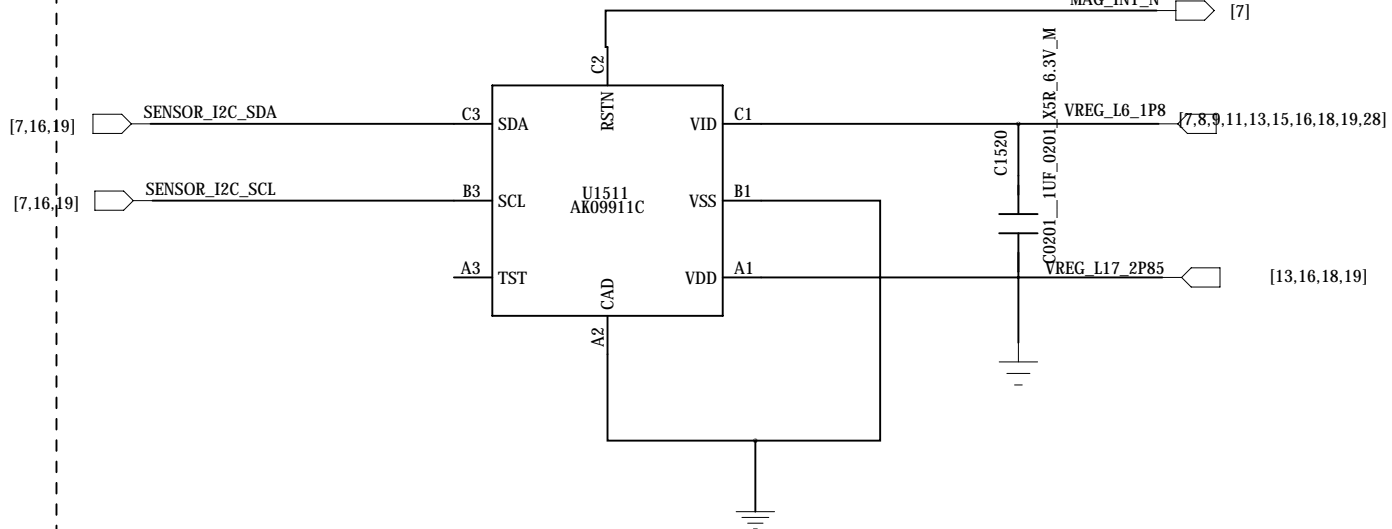
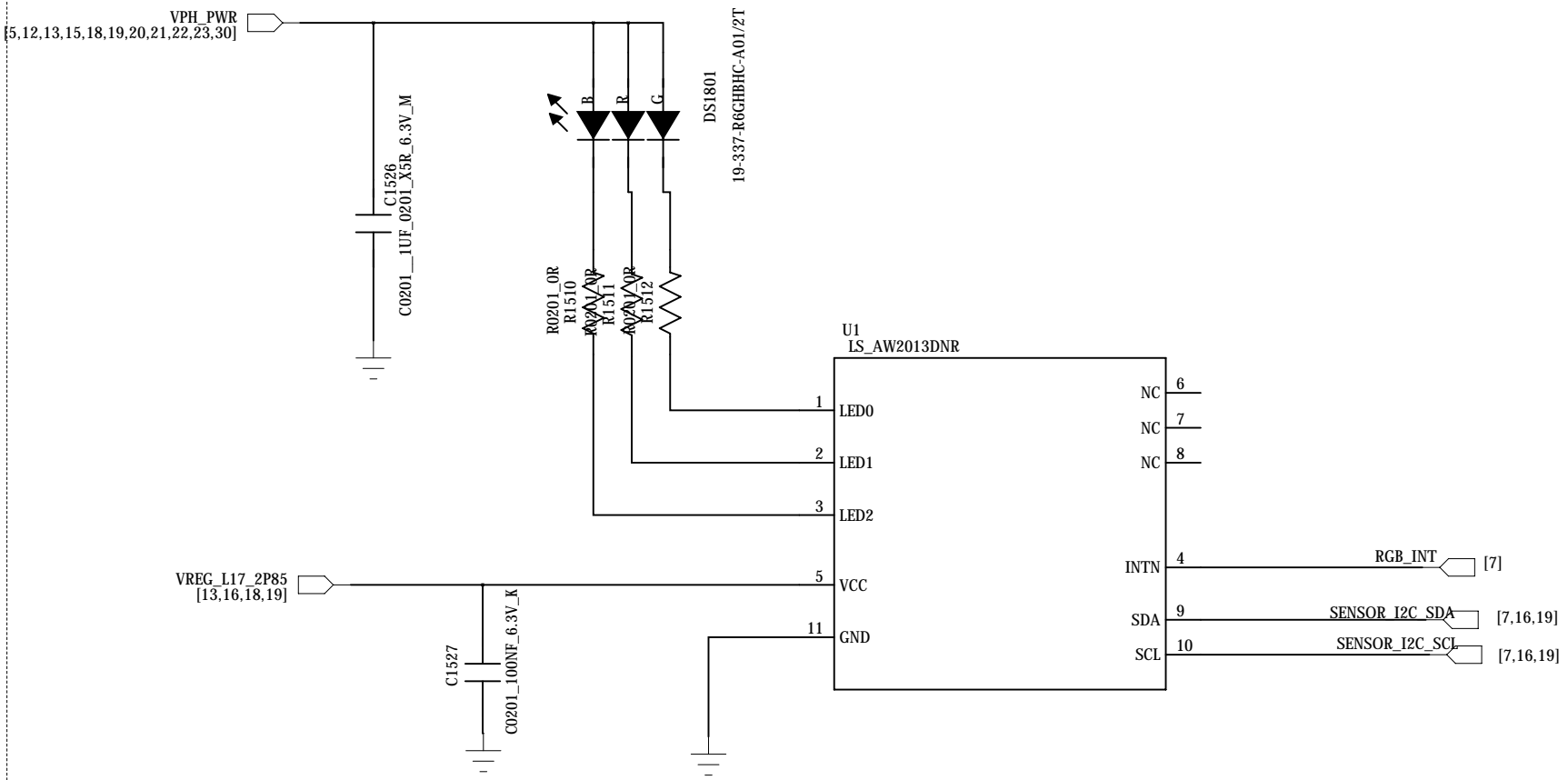
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Read 0 0 0 1 1 1 1 1: 0x1FH

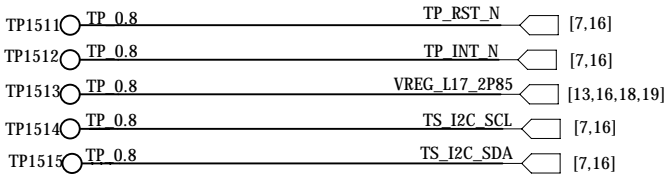
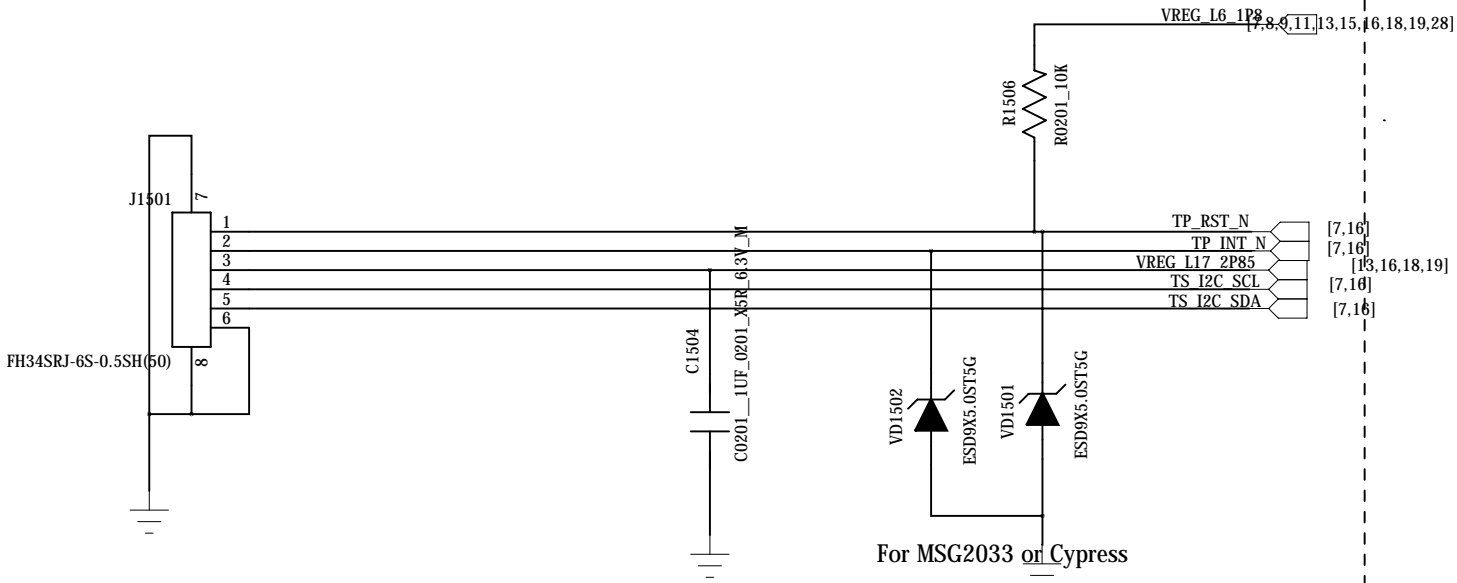
G-sensor

IIC Address: 0X45H

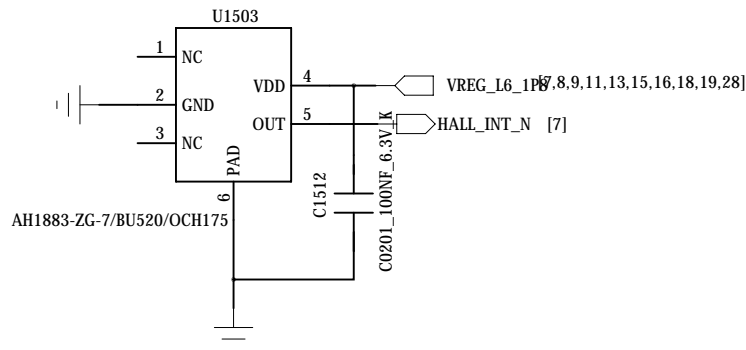
COMPASS



CTP IO Design check pass



ALS+PS



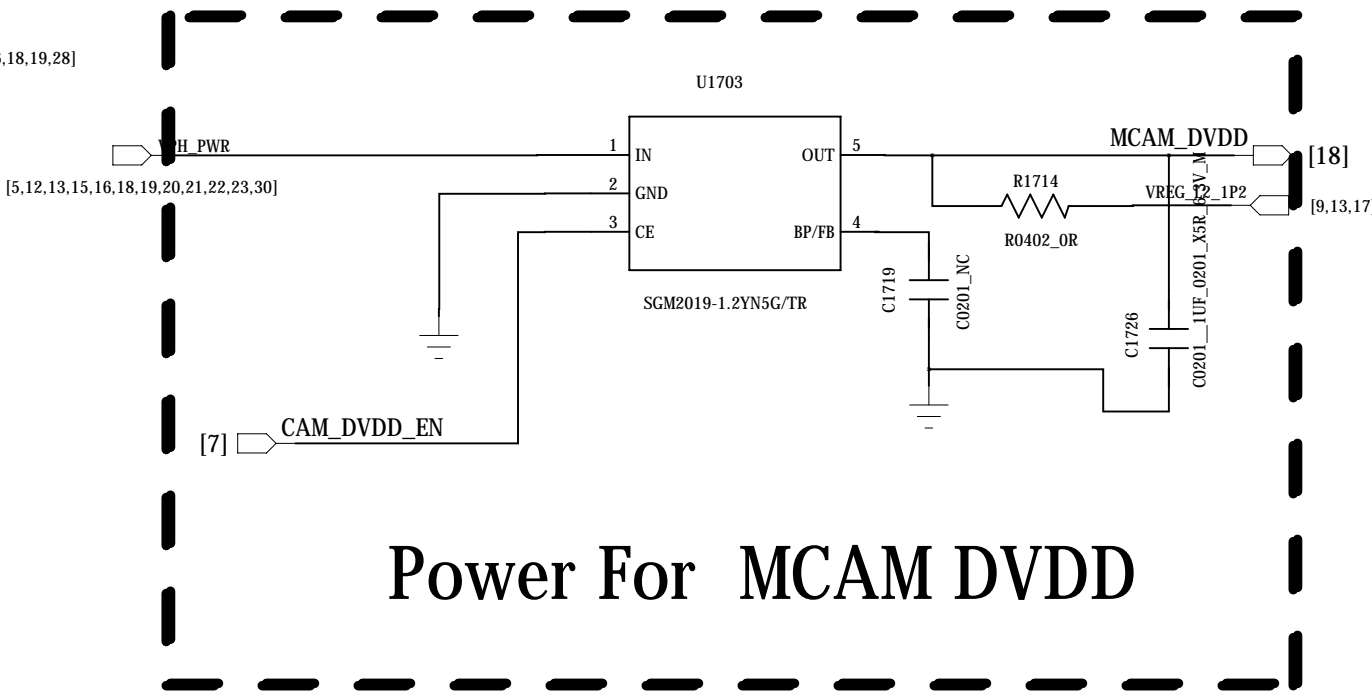
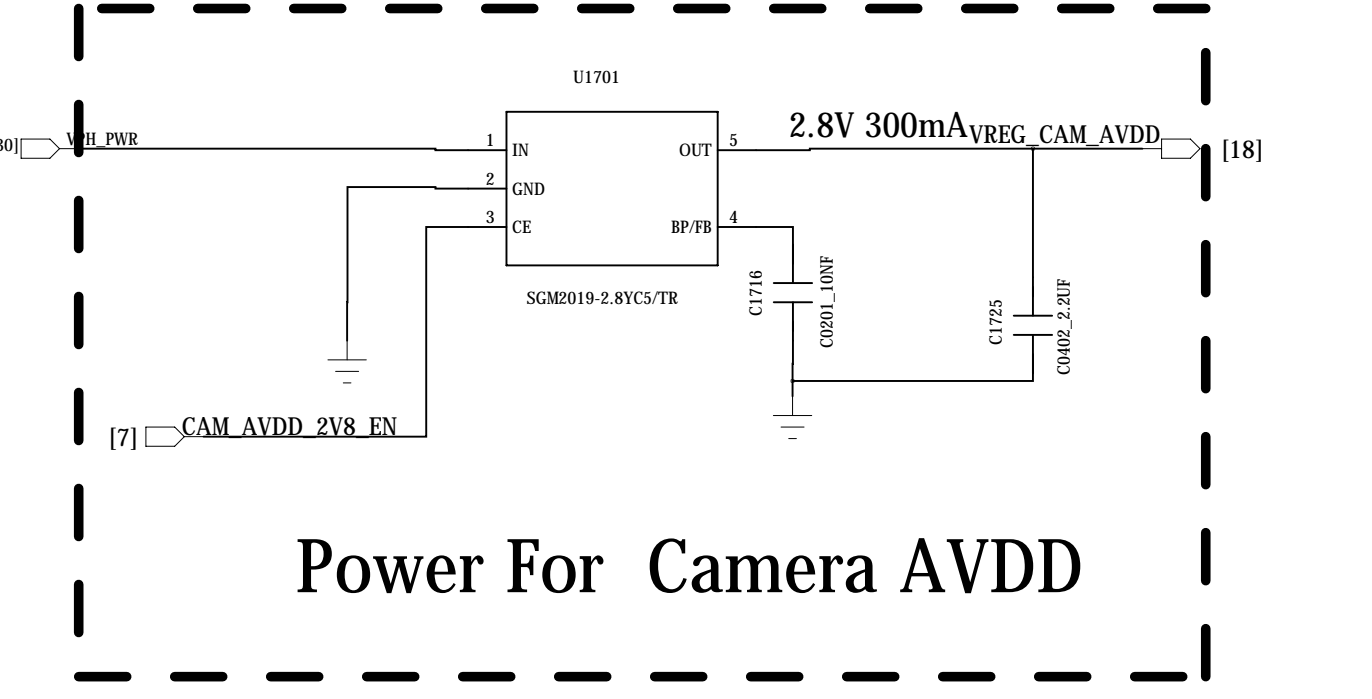
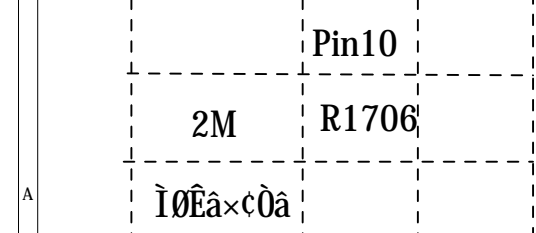
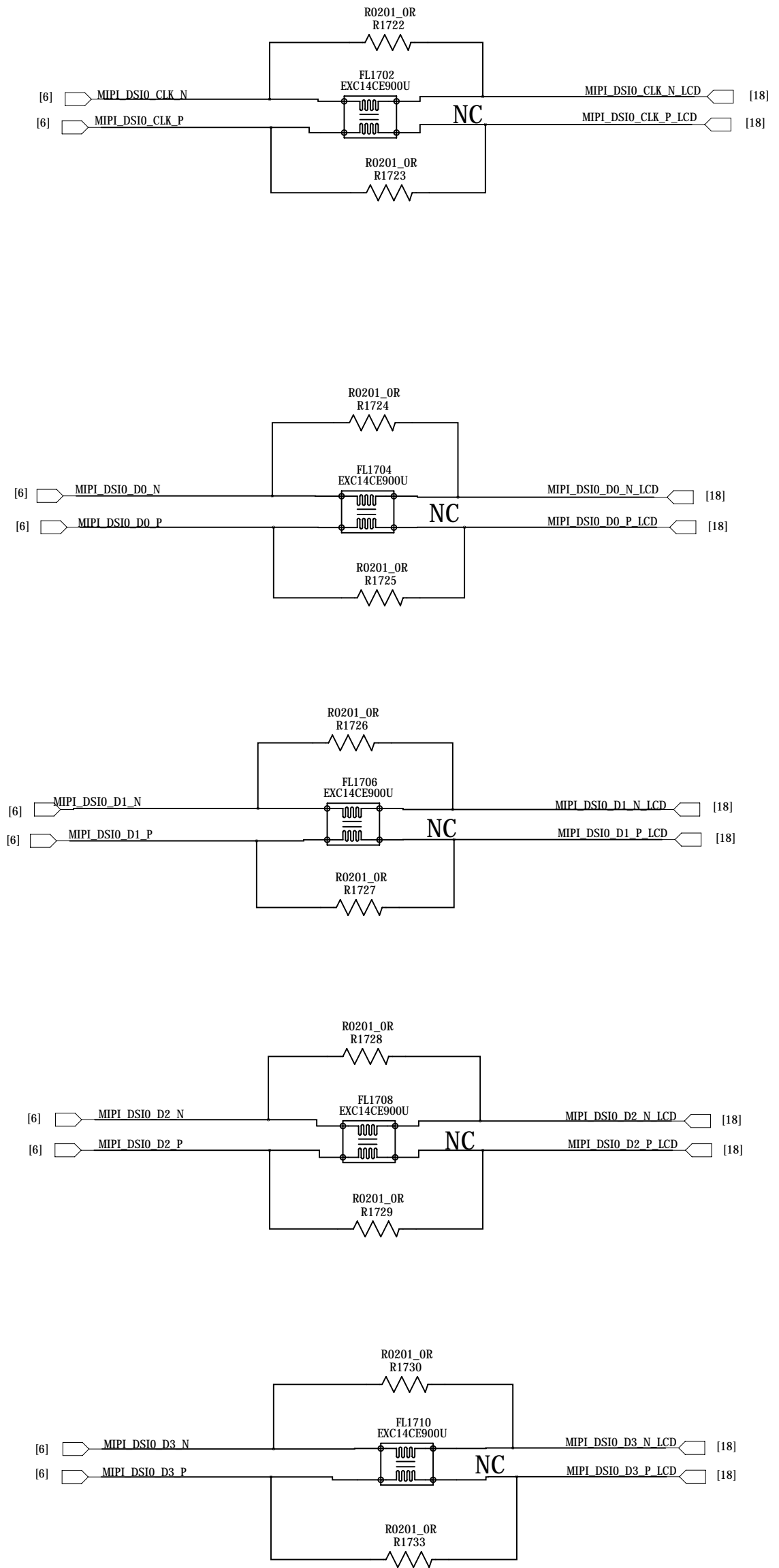
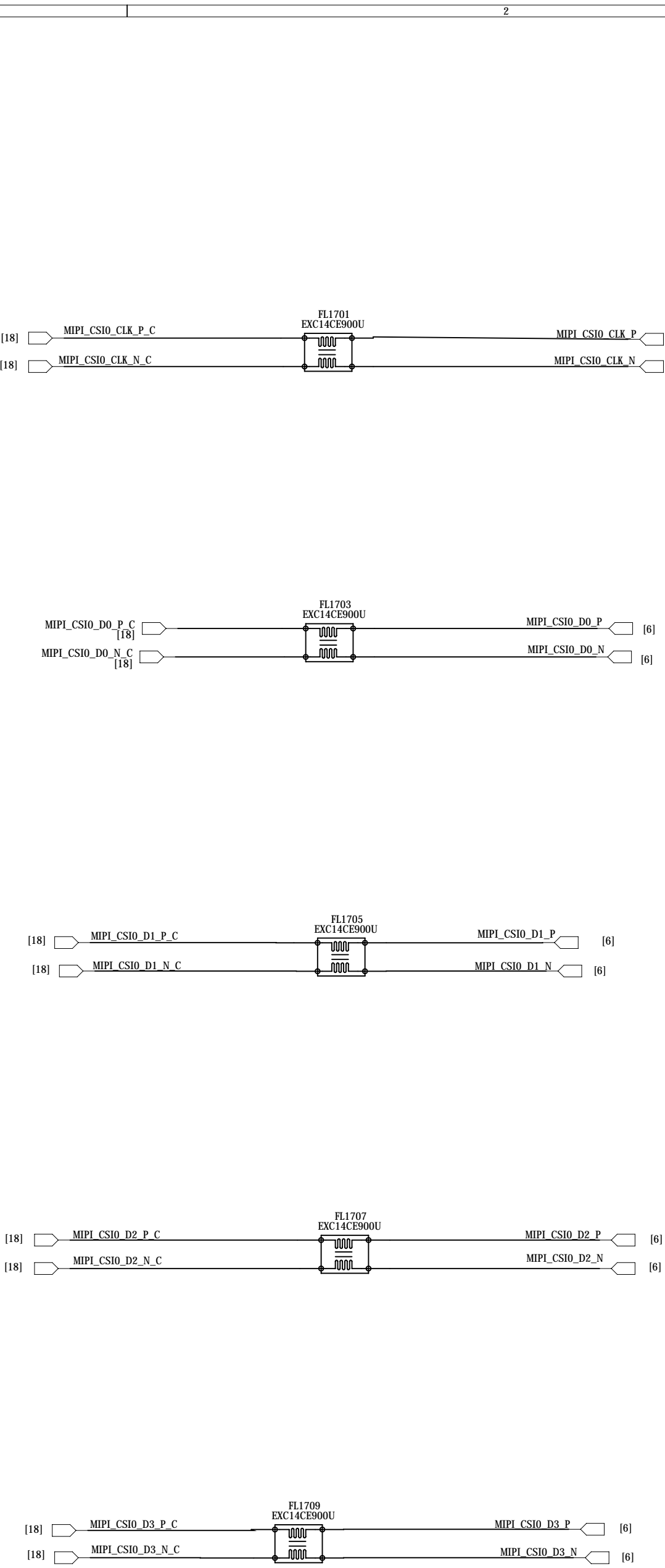
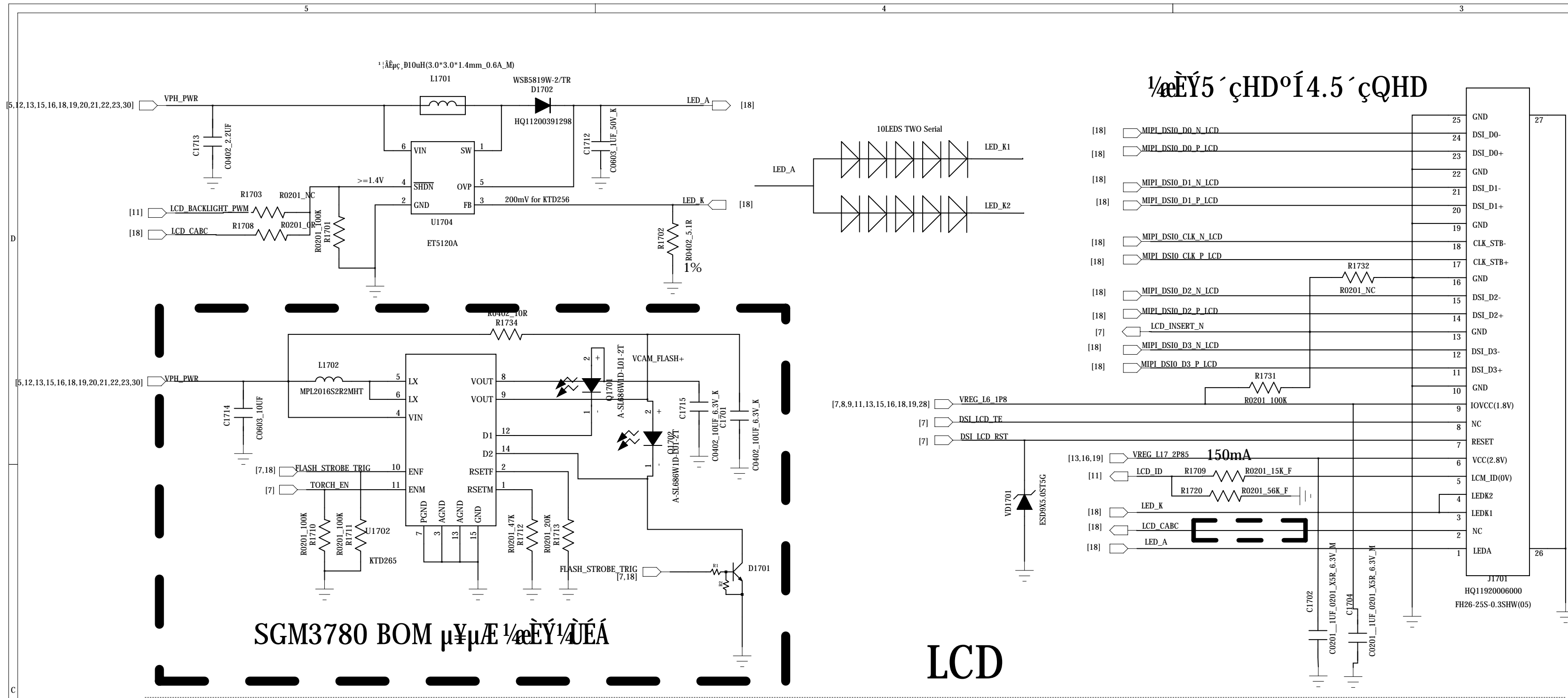
Hall

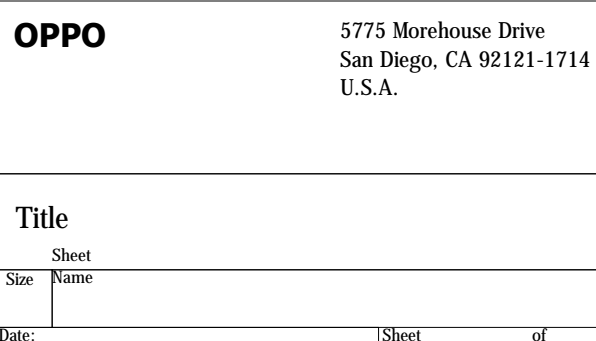






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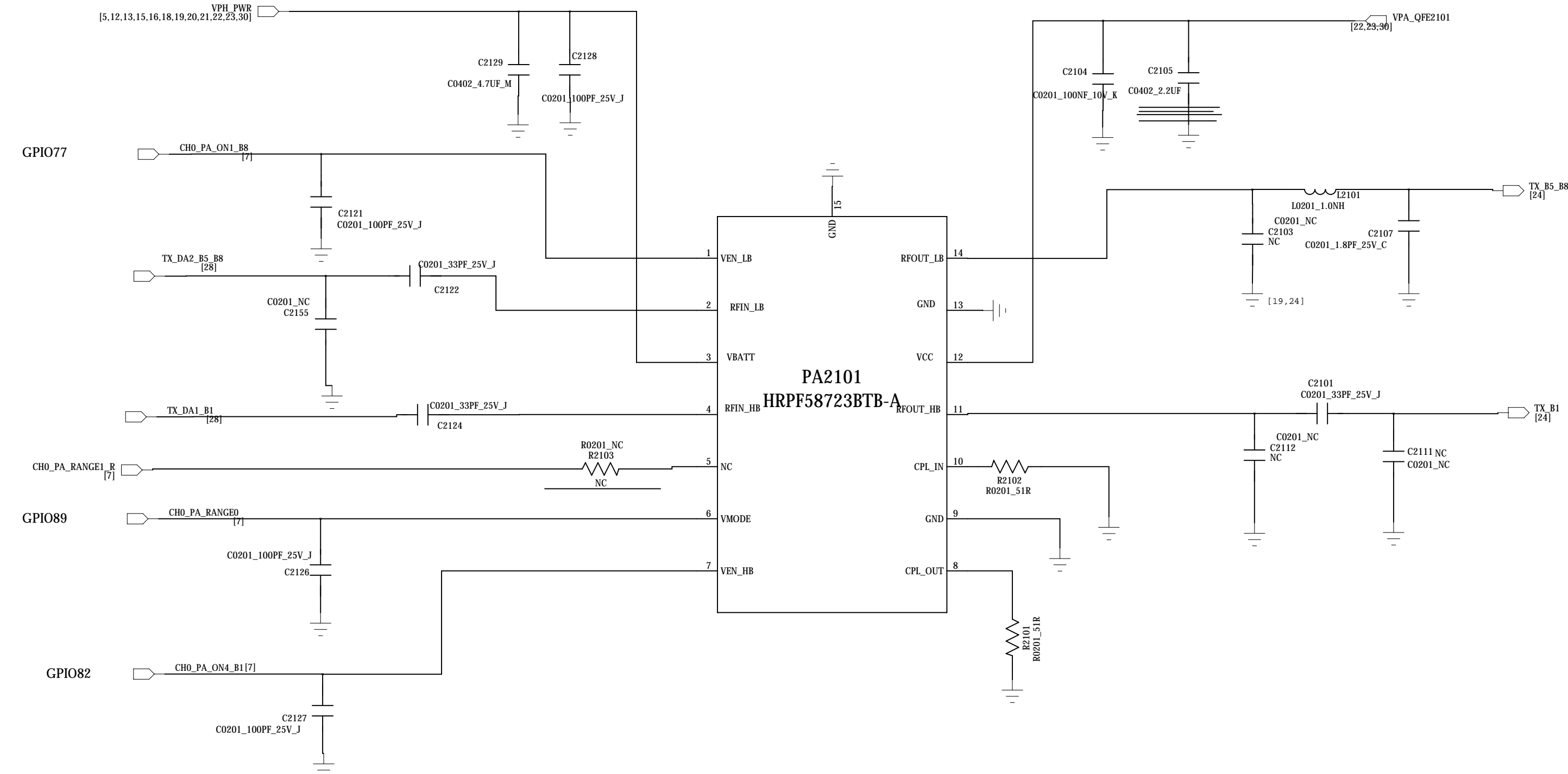
swap the trx5 and trx4 and tr3 ports order

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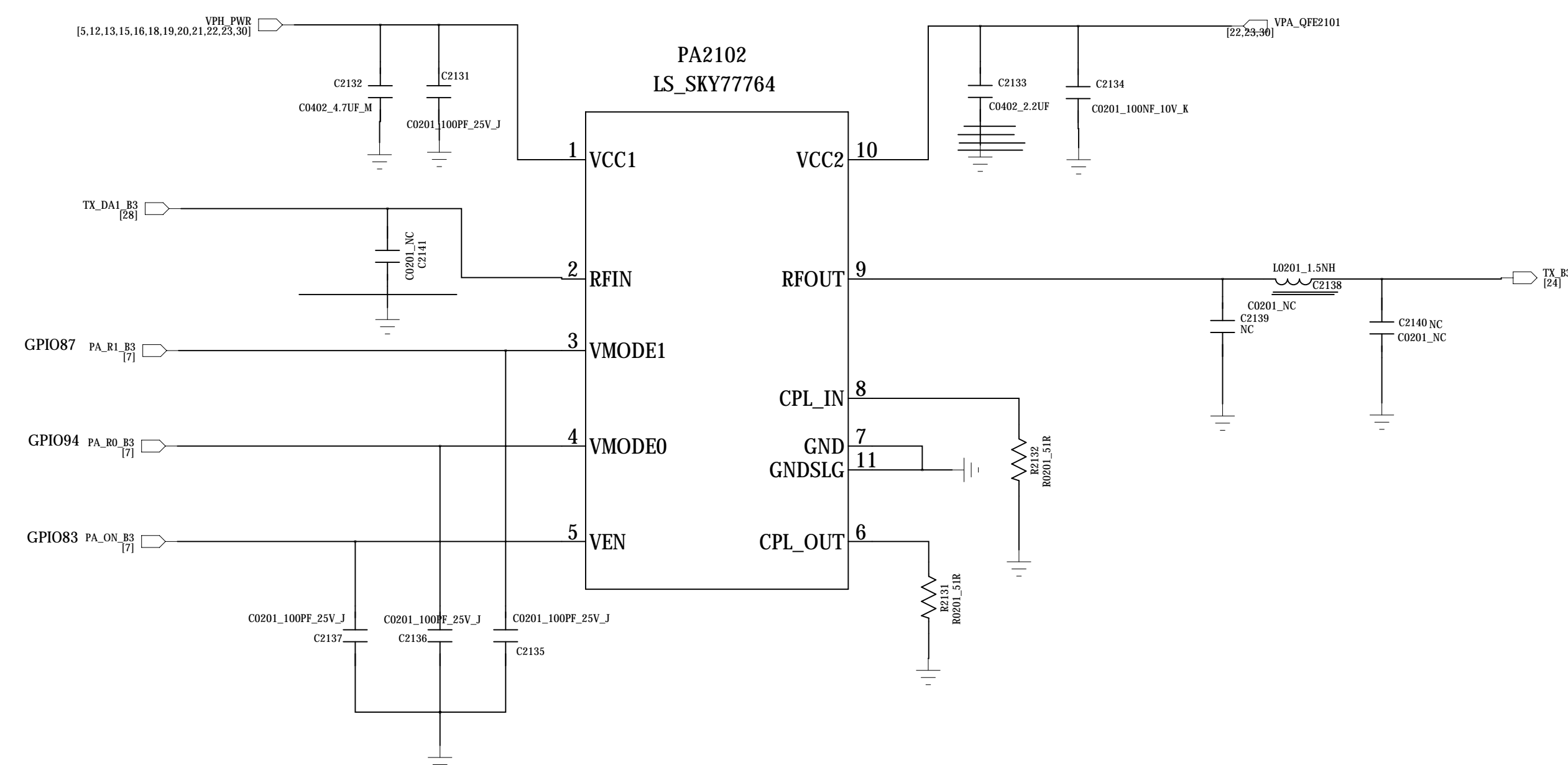


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### 3 Chose 2

# 1% accuracy

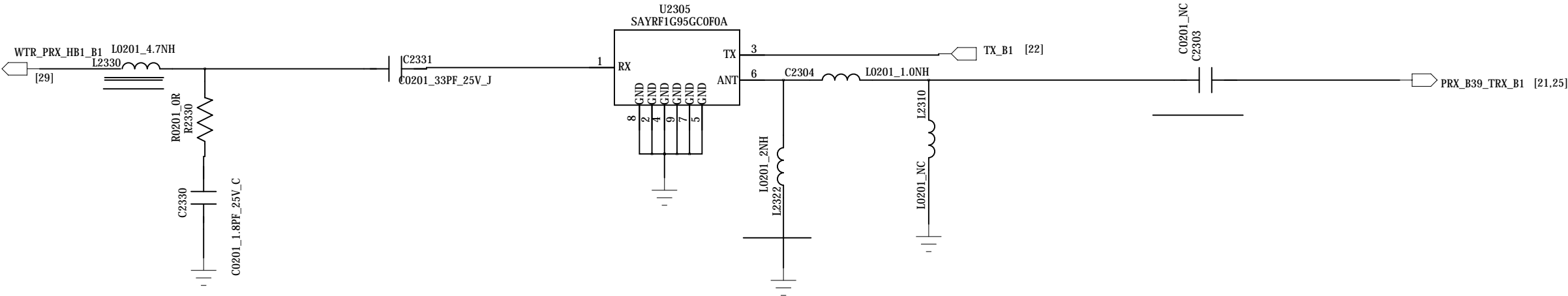
The schematic diagram illustrates the RF front end of the PicoBlade 1000, showing the TRX and RX paths. The TRX path includes a TRX\_B41/38 antenna, a 1.2nH inductor, a 1.8nH inductor, and a 1.2nH inductor. The RX path includes an RX\_CSM900\_TRX\_B40 antenna, a 1.2nH inductor, a 1.8nH inductor, and a 1.2nH inductor. The diagram also shows the internal components of the PicoBlade 1000, including the P12200 SAFEX25030M0F0A and the P12201 SAFEX25030M0F0A.

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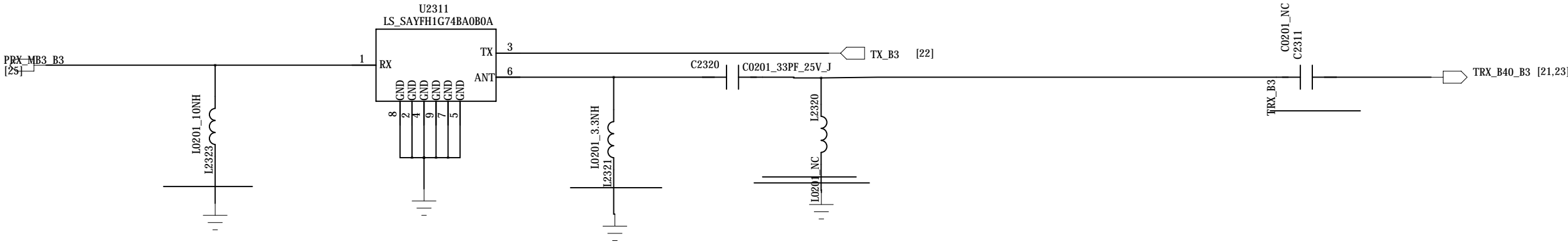
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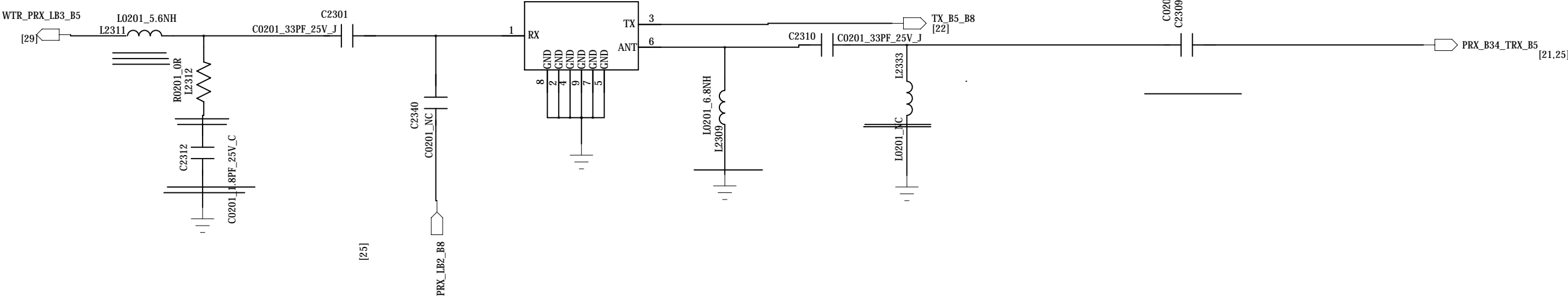
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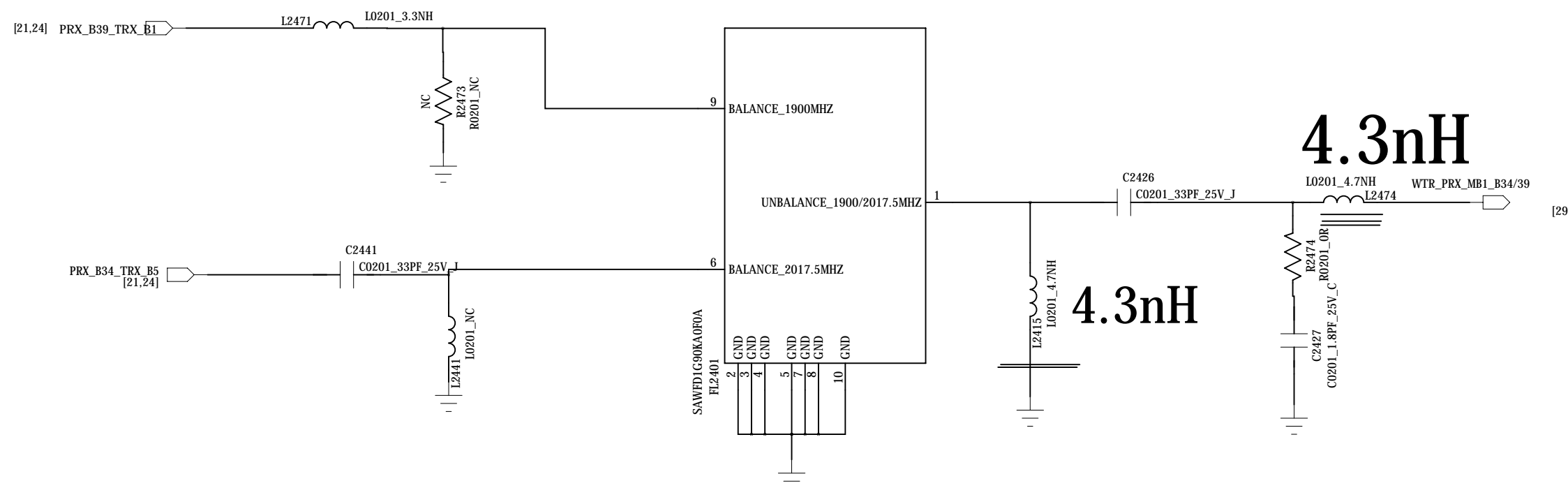
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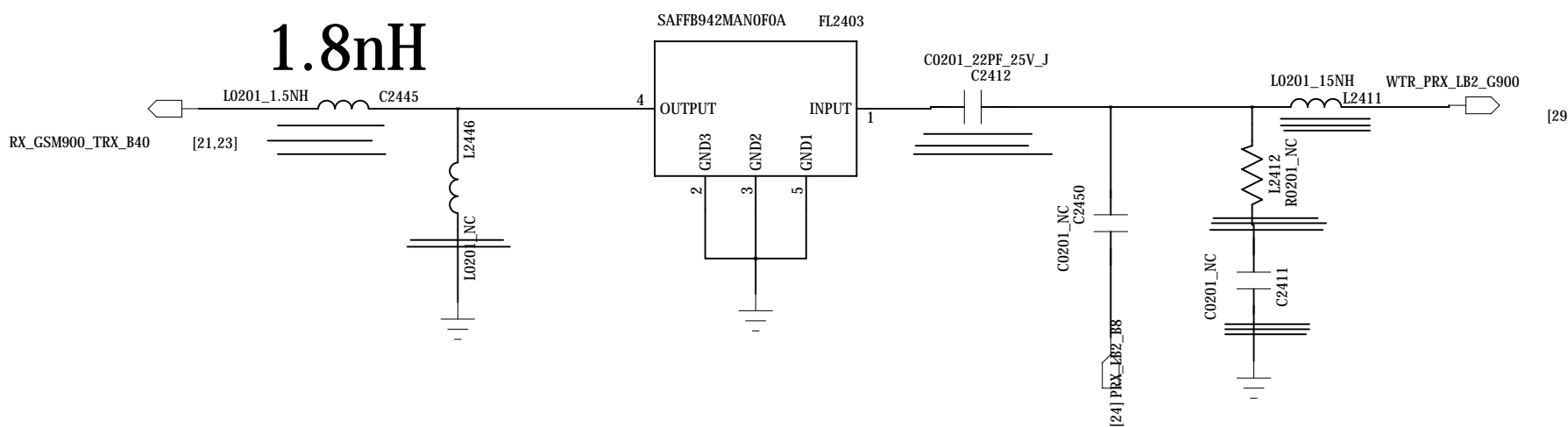
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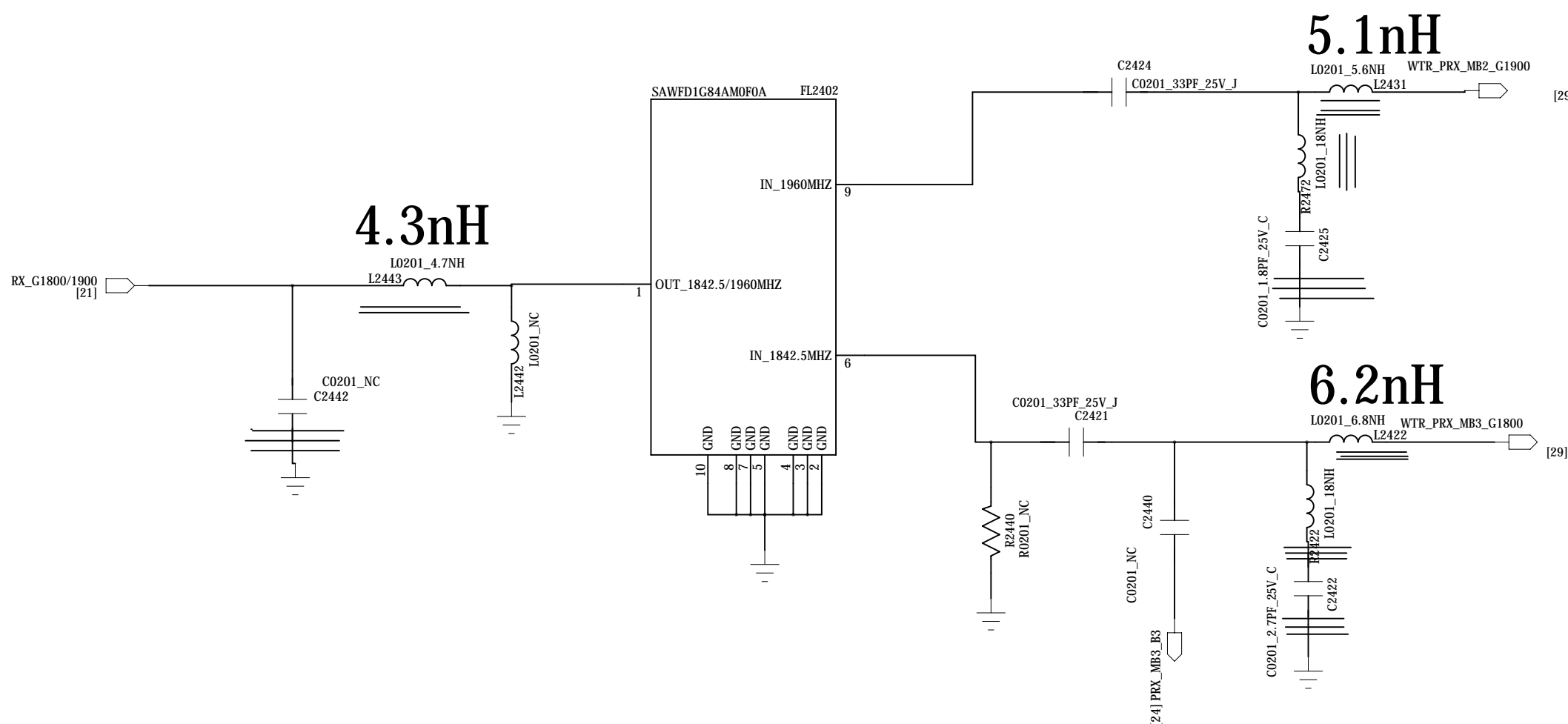
PRX\_B34\_B39



# RX\_G900



## RX\_GSM1800\_GSM1900





38 40 41 DRX SAW cost down

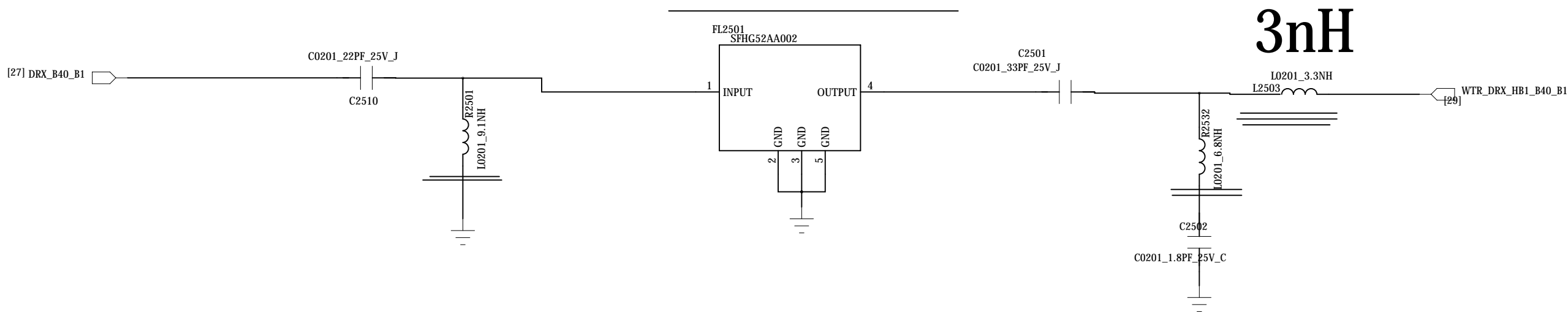
CM B40/39/38

CT B1/3/41

CU B40/3/41

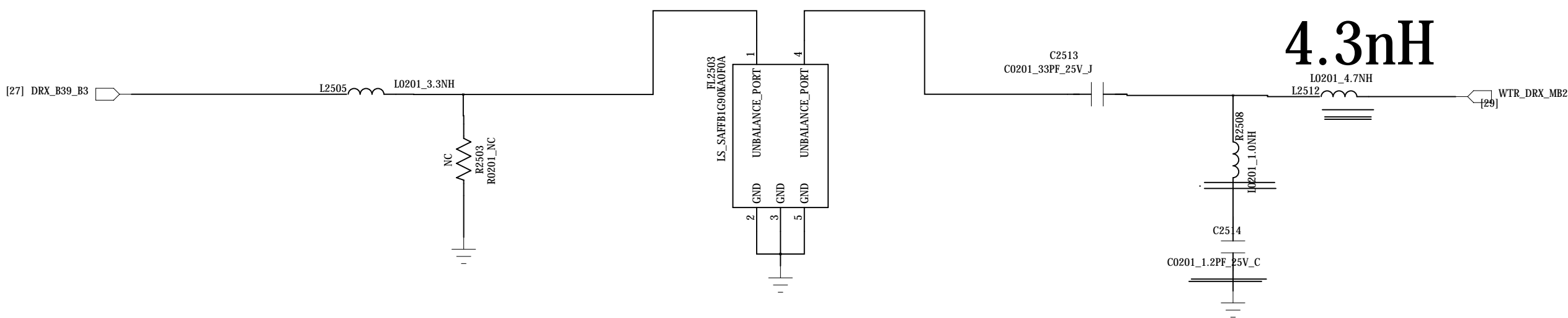
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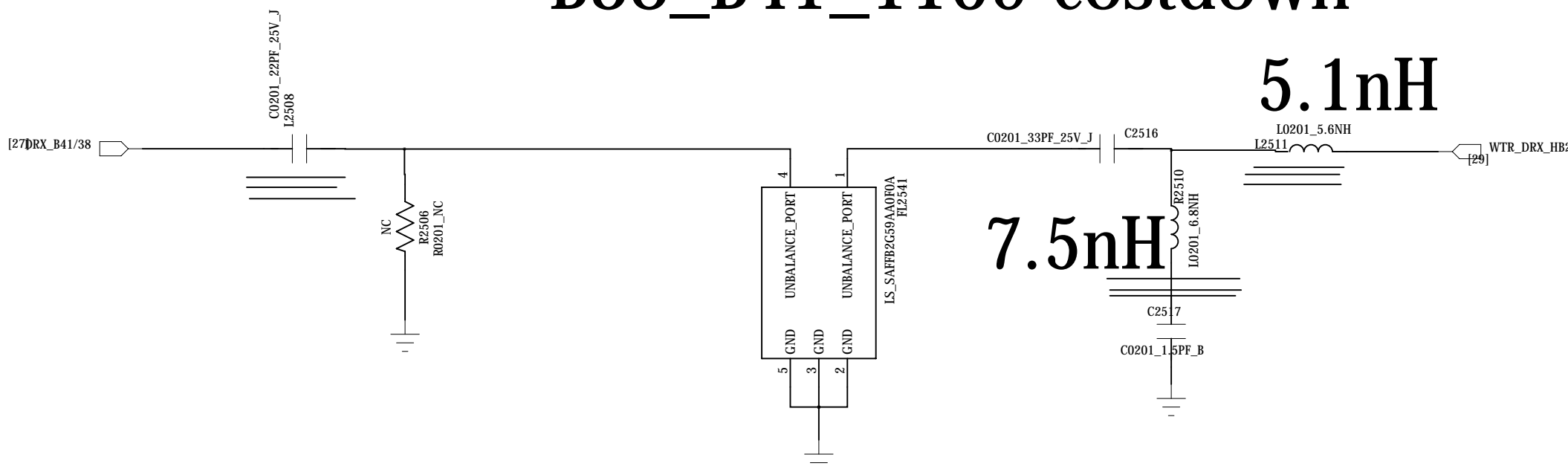


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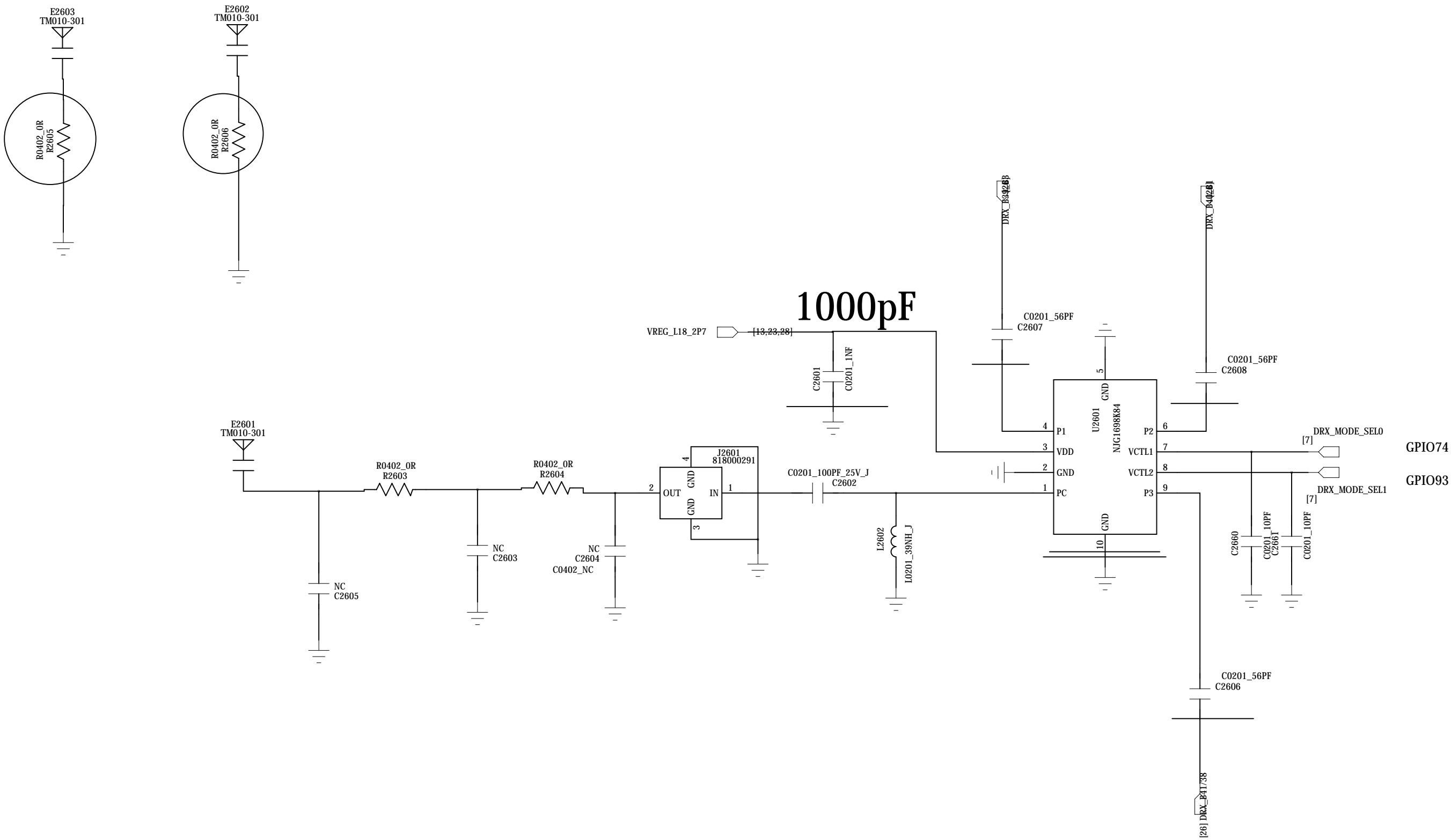
B38\_B41\_1109 costdown



B38 SAW change lab

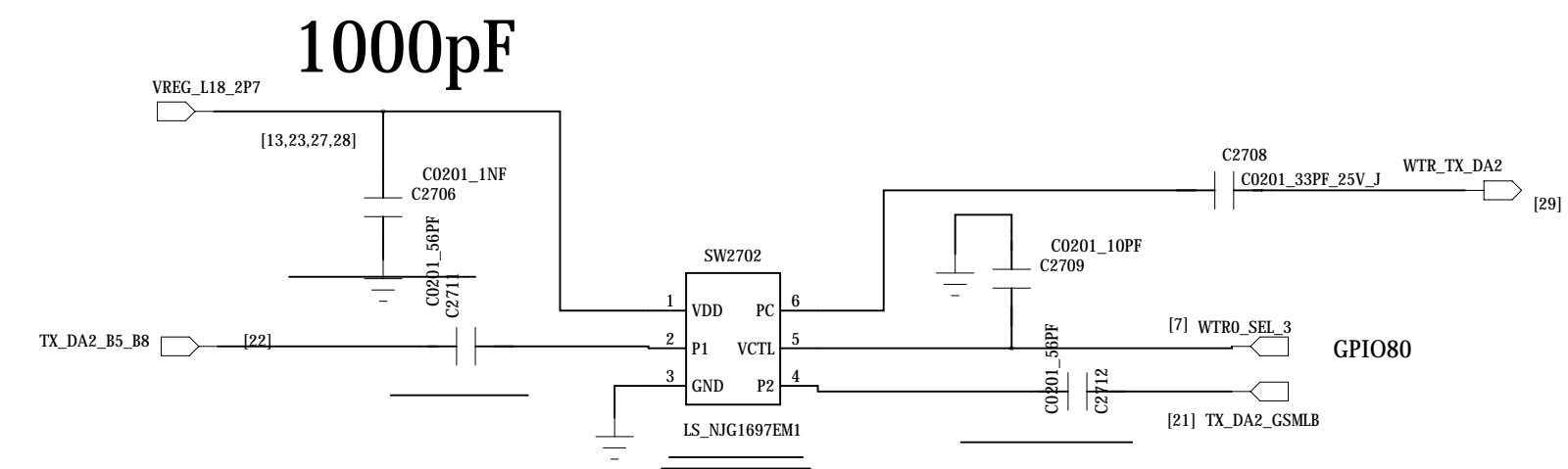
7.5nH

# DRX\_ANT\_SW

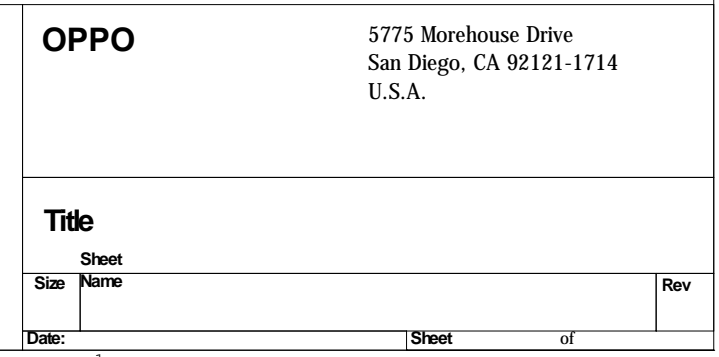




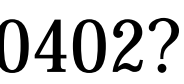
## NC switch



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1.5uH change lab

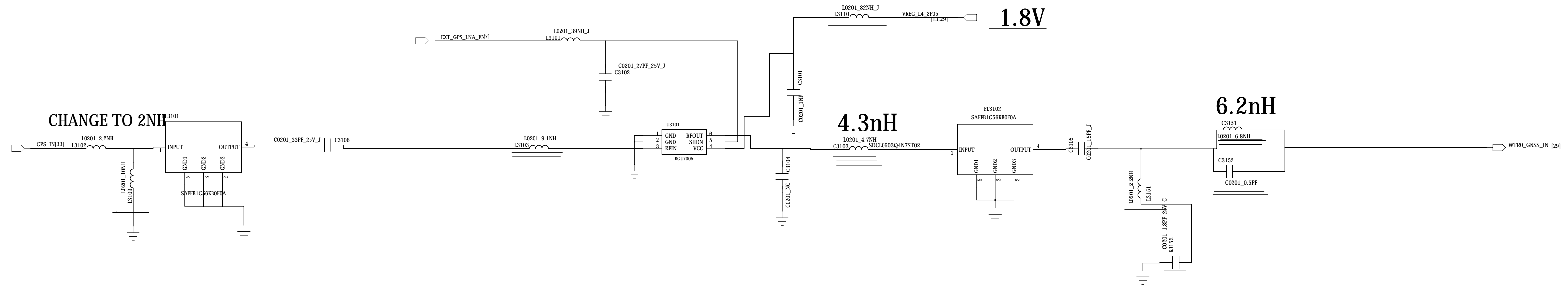




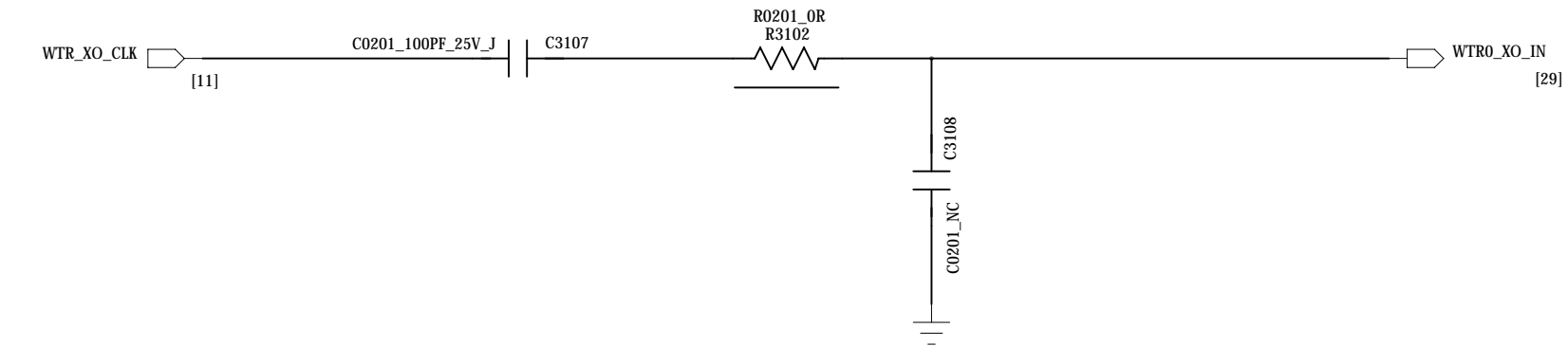


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## RF\_GPS



## RF\_X0







1.8nH chang lab  
885033

