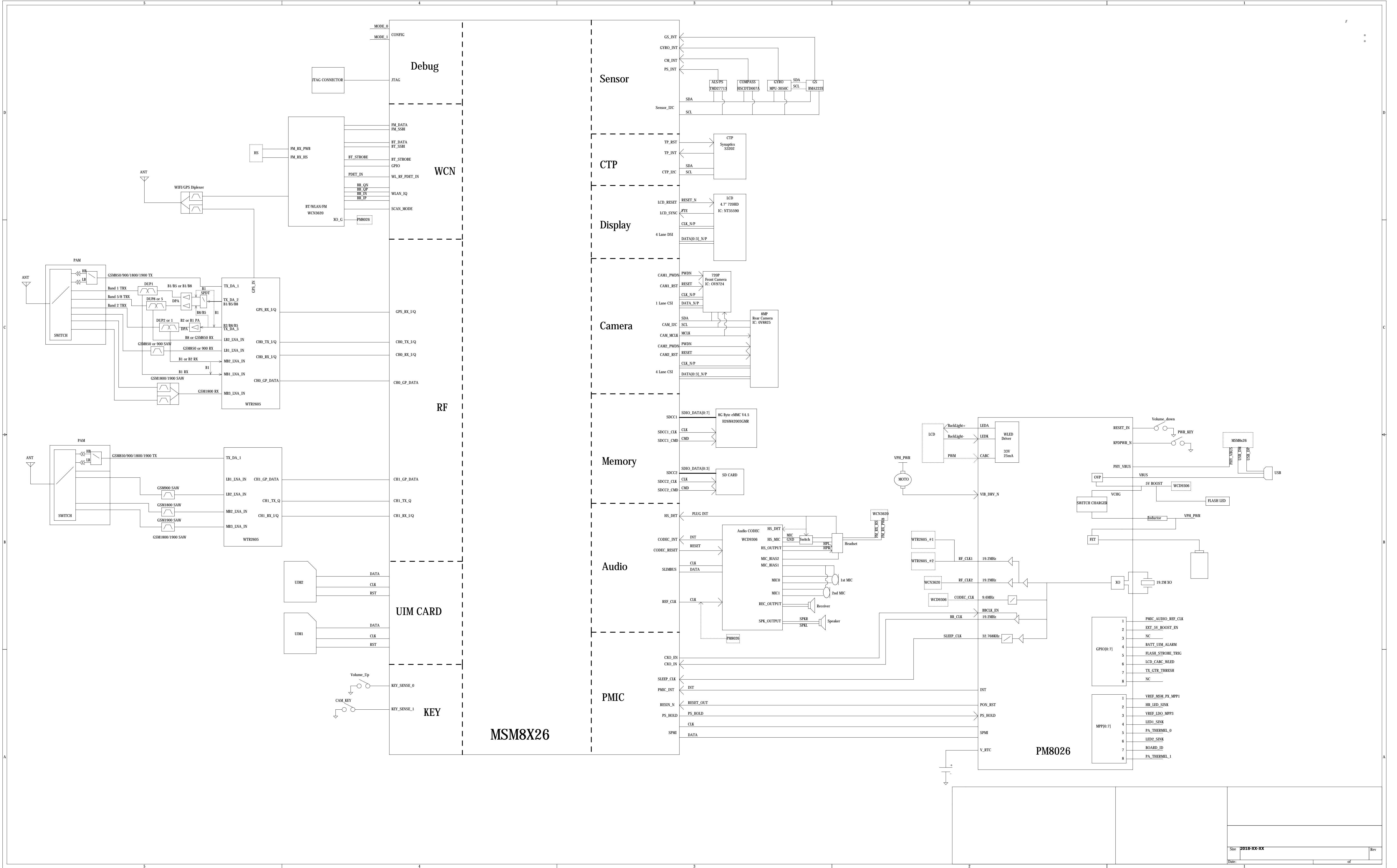


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4	GPIO Map	24	GPS/APT/XO distribution
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17	WTR2605_TXM_Primary path		
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19	UMTS B2_Primary path		
20	WTR2605_GSM_Secondary path		

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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	CAM1V8_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

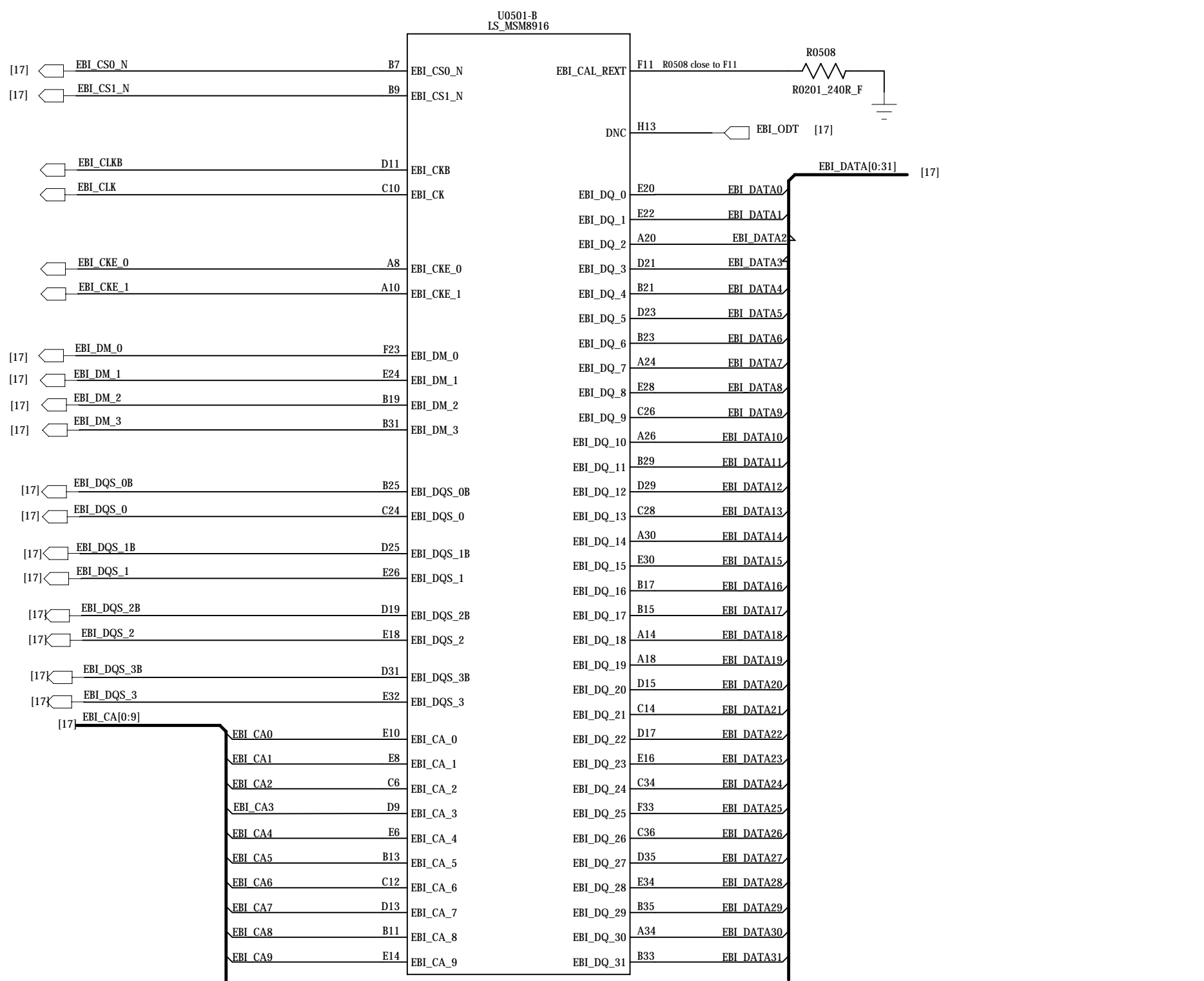
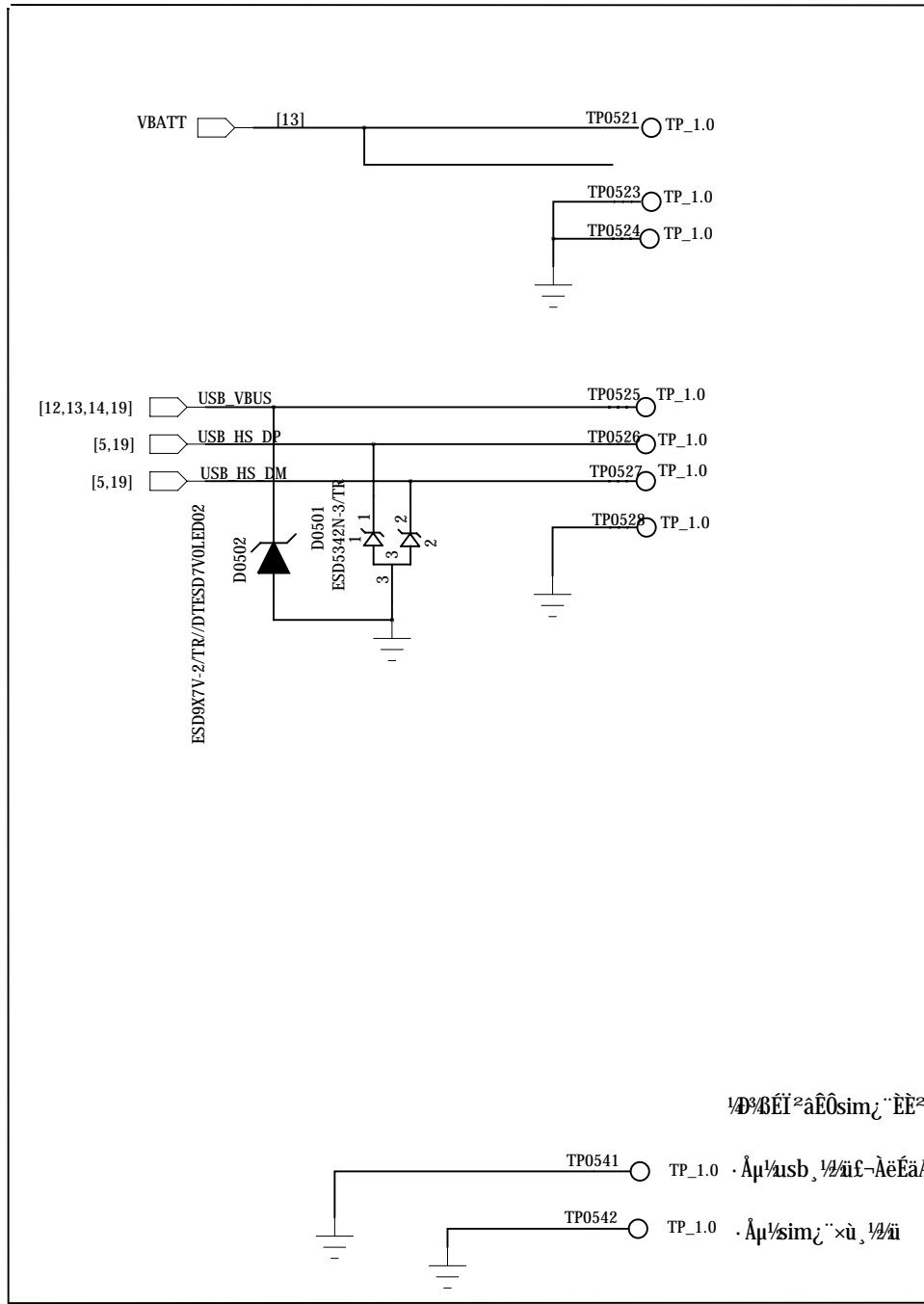
I2C Address List For QRD8x26

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

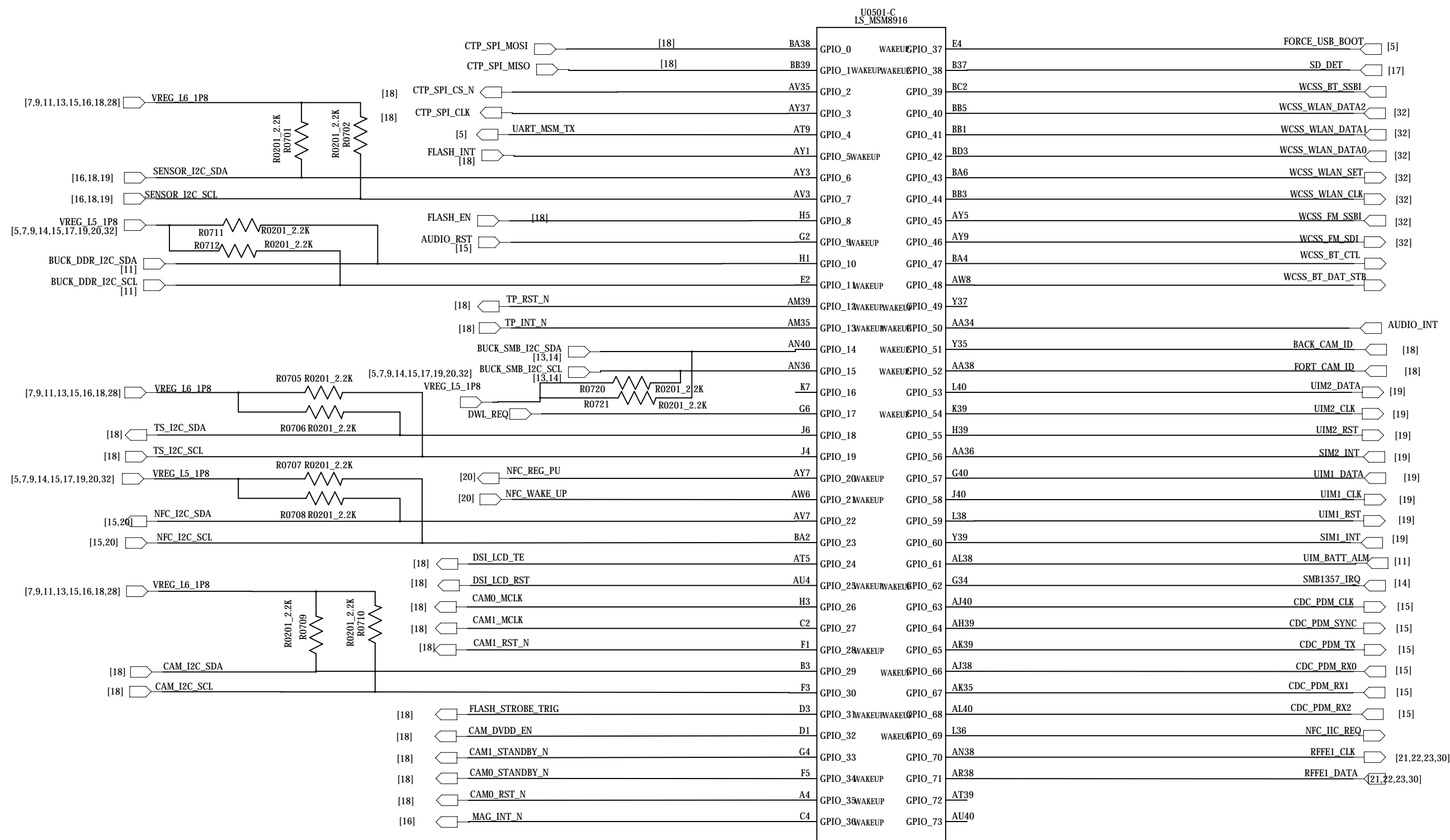
Interrupt List For QRD8x26

GPIO	2018-XX-XX	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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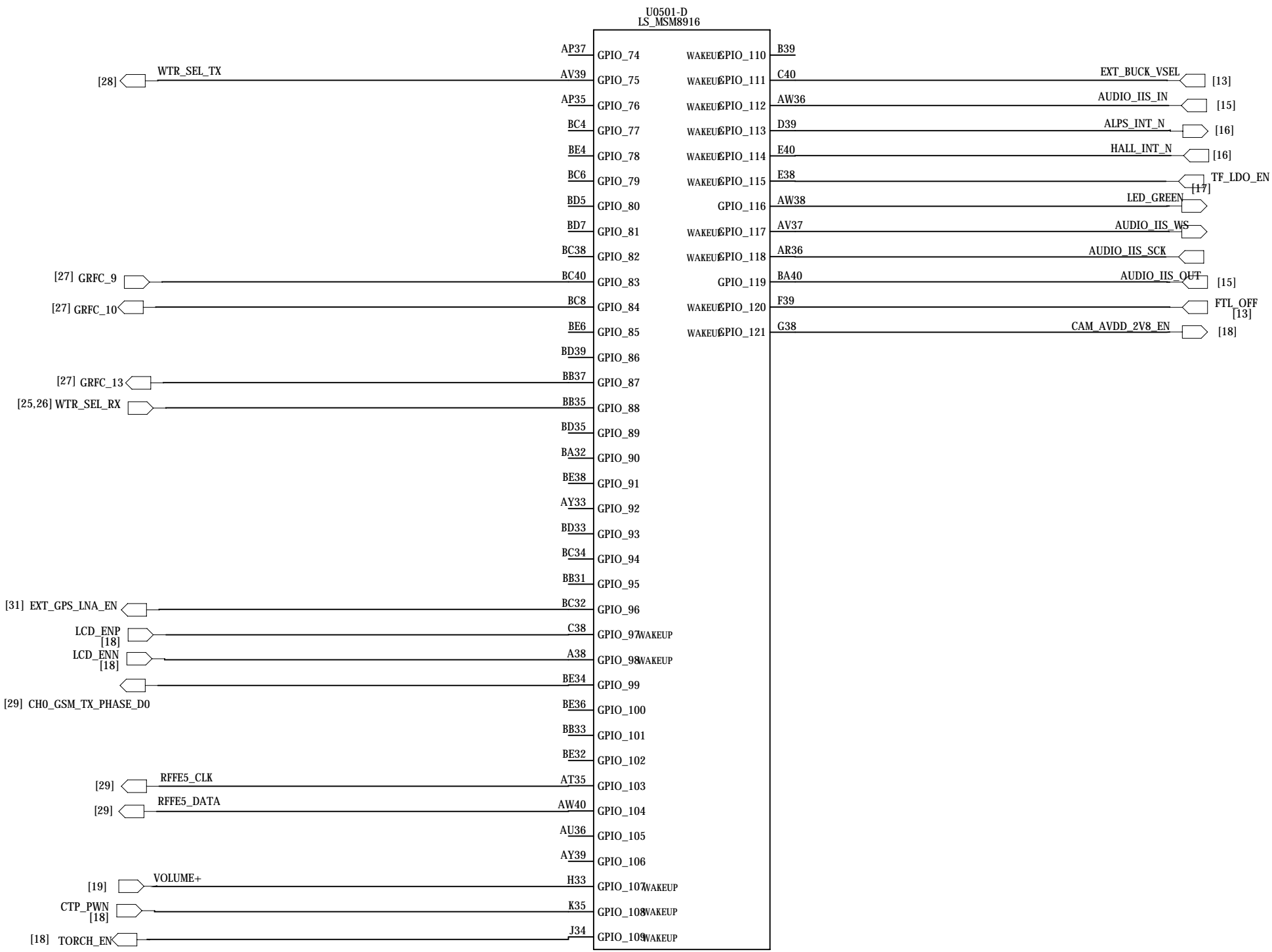


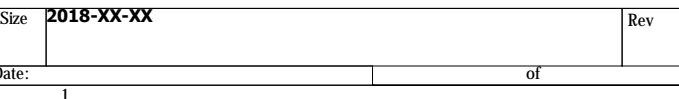
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 $^2\gg\hat{D}\hat{P}, \hat{A}\hat{I}\hat{O}\hat{O}\hat{D}^2\hat{a}\hat{E}\hat{O}\mu\hat{a}\hat{I}^2\gg\hat{O}\hat{A}\hat{E}^1\hat{a}\hat{E}\hat{Y}\hat{O}\hat{N}\hat{O}\hat{D}^1\hat{D}^3\hat{B}$

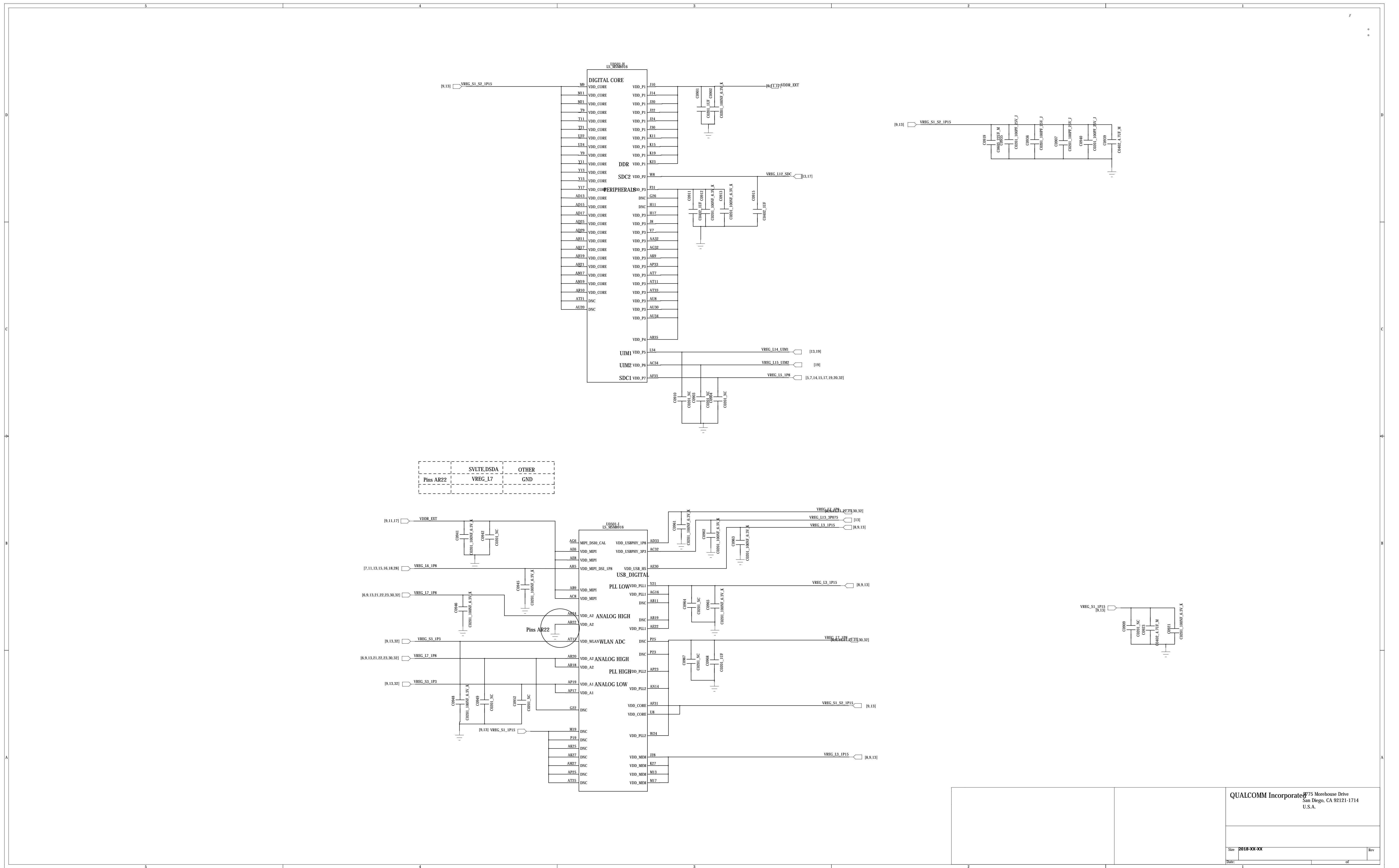


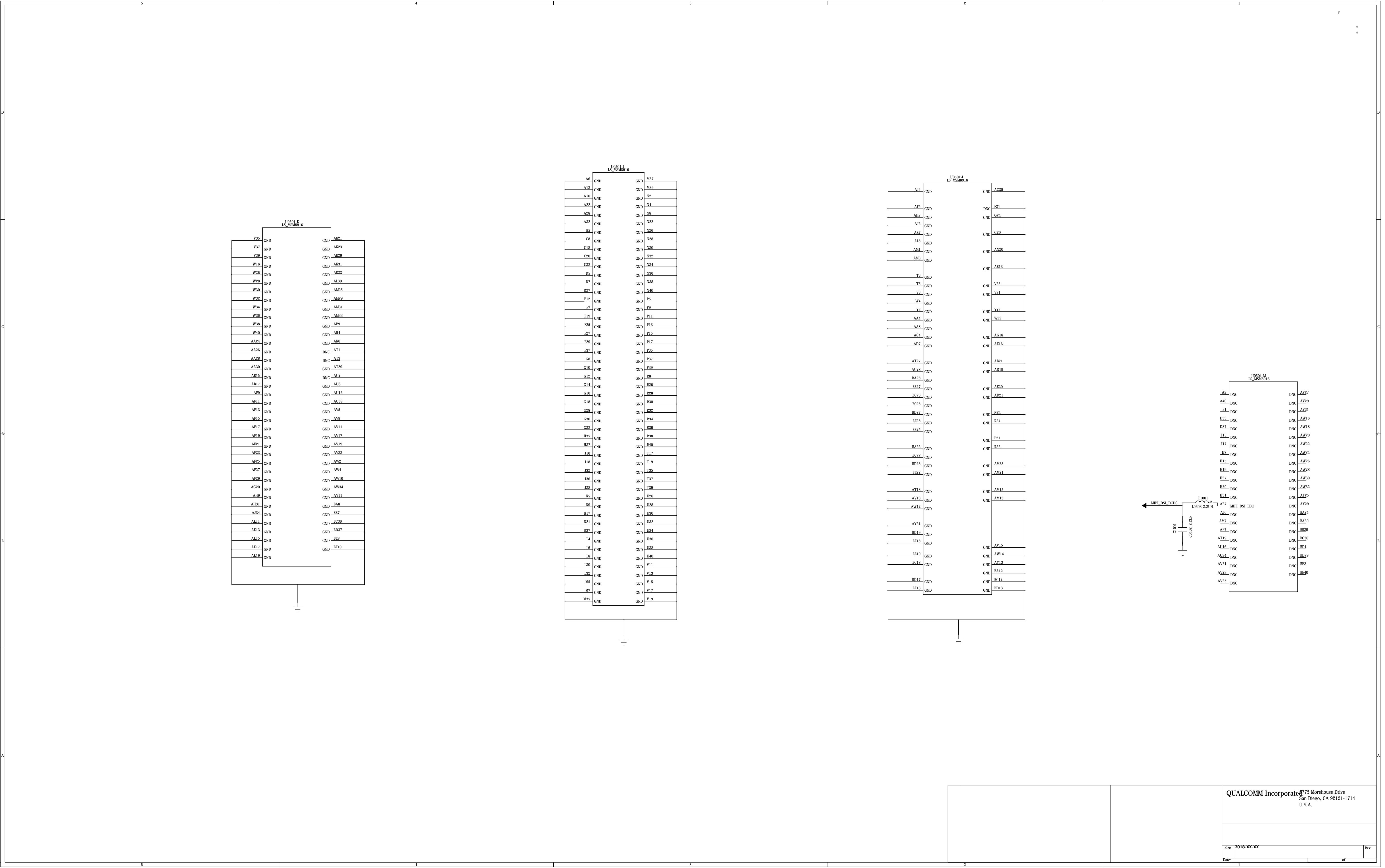
Configuration GPIO Table		
GPIO_80	WDOG_DISABLE	BOOT_CONFIG_0
GPIO_81	BOOT_SEL_1	BOOT_CONFIG_1
GPIO_82	BOOT_SEL_2	BOOT_CONFIG_2
GPIO_83	BOOT_SEL_3	BOOT_CONFIG_3
GPIO_84		BOOT_CONFIG_4
GPIO_86		BOOT_CONFIG_5
GPIO_87		BOOT_CONFIG_6
GPIO_88		BOOT_CONFIG_7
GPIO_90		BOOT_CONFIG_8
GPIO_37	FORCE_USB_BOOT	

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



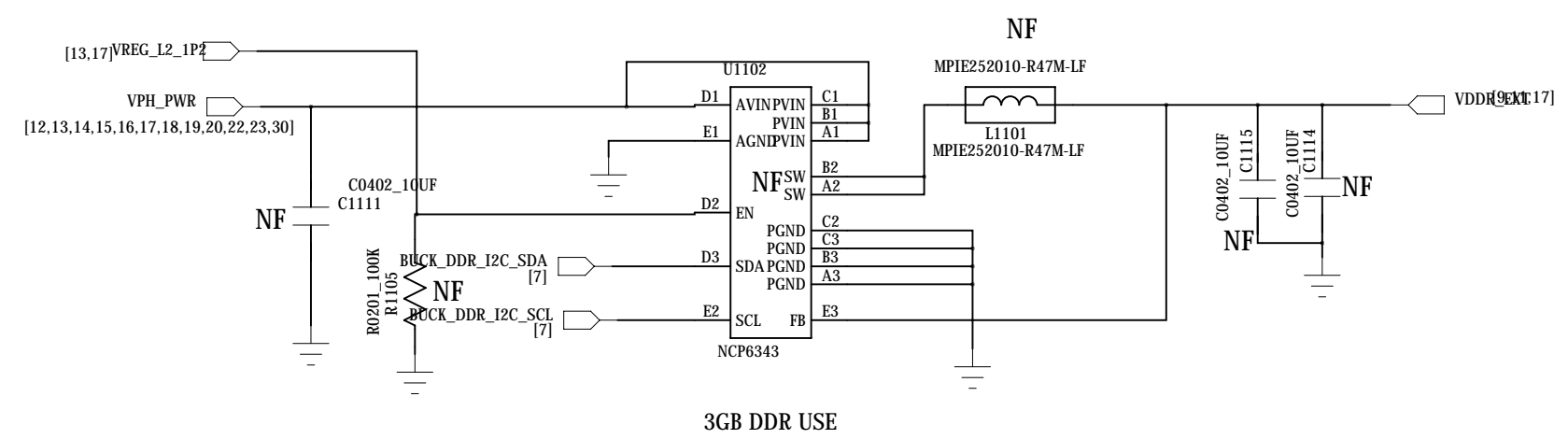
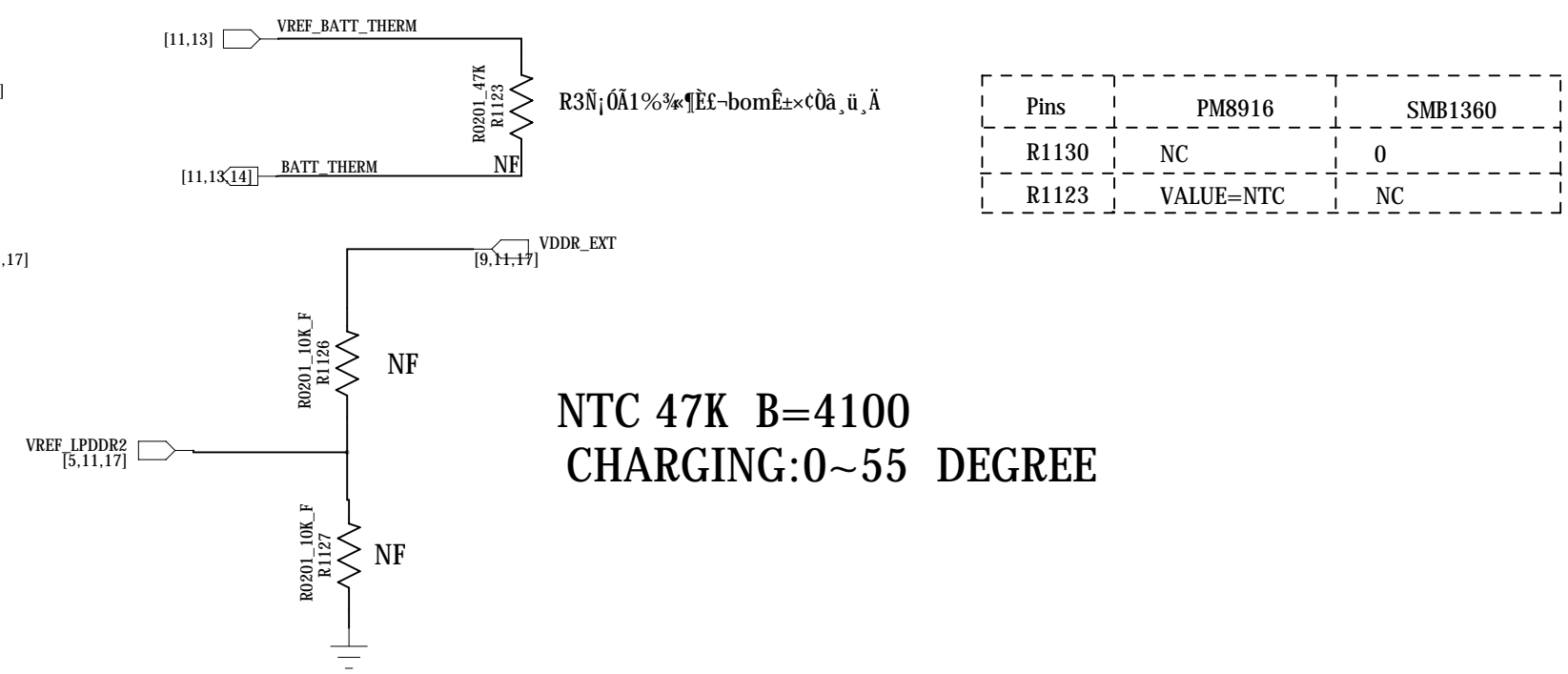


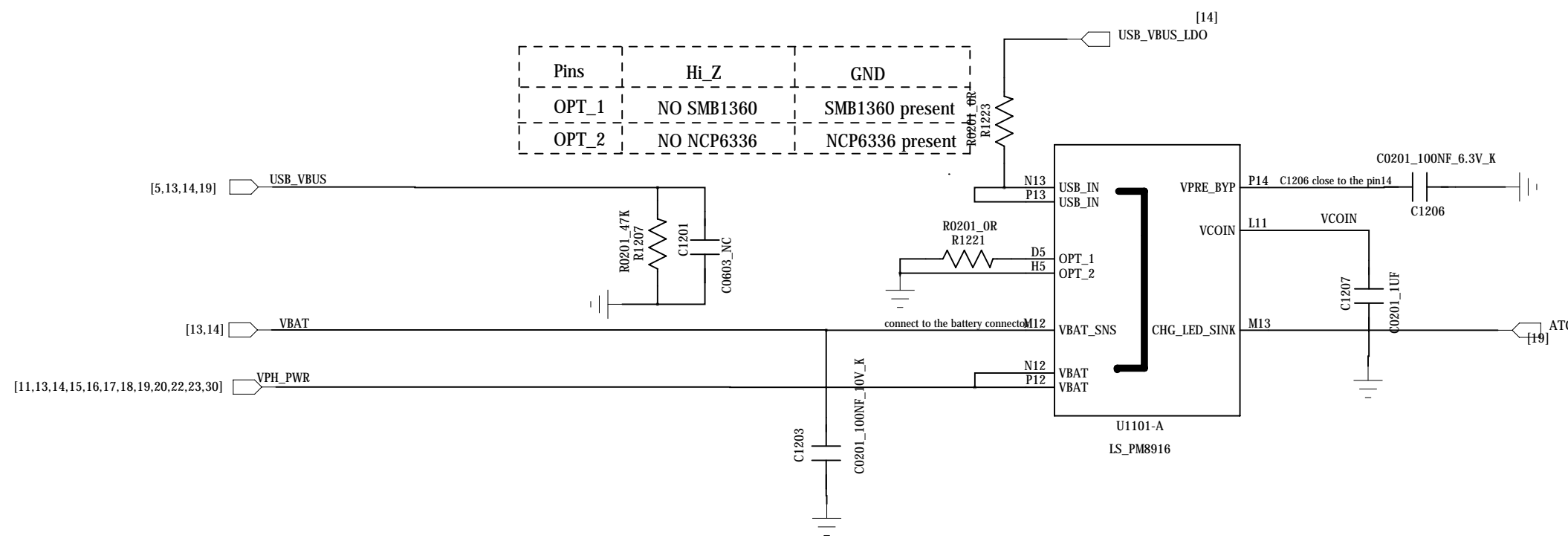




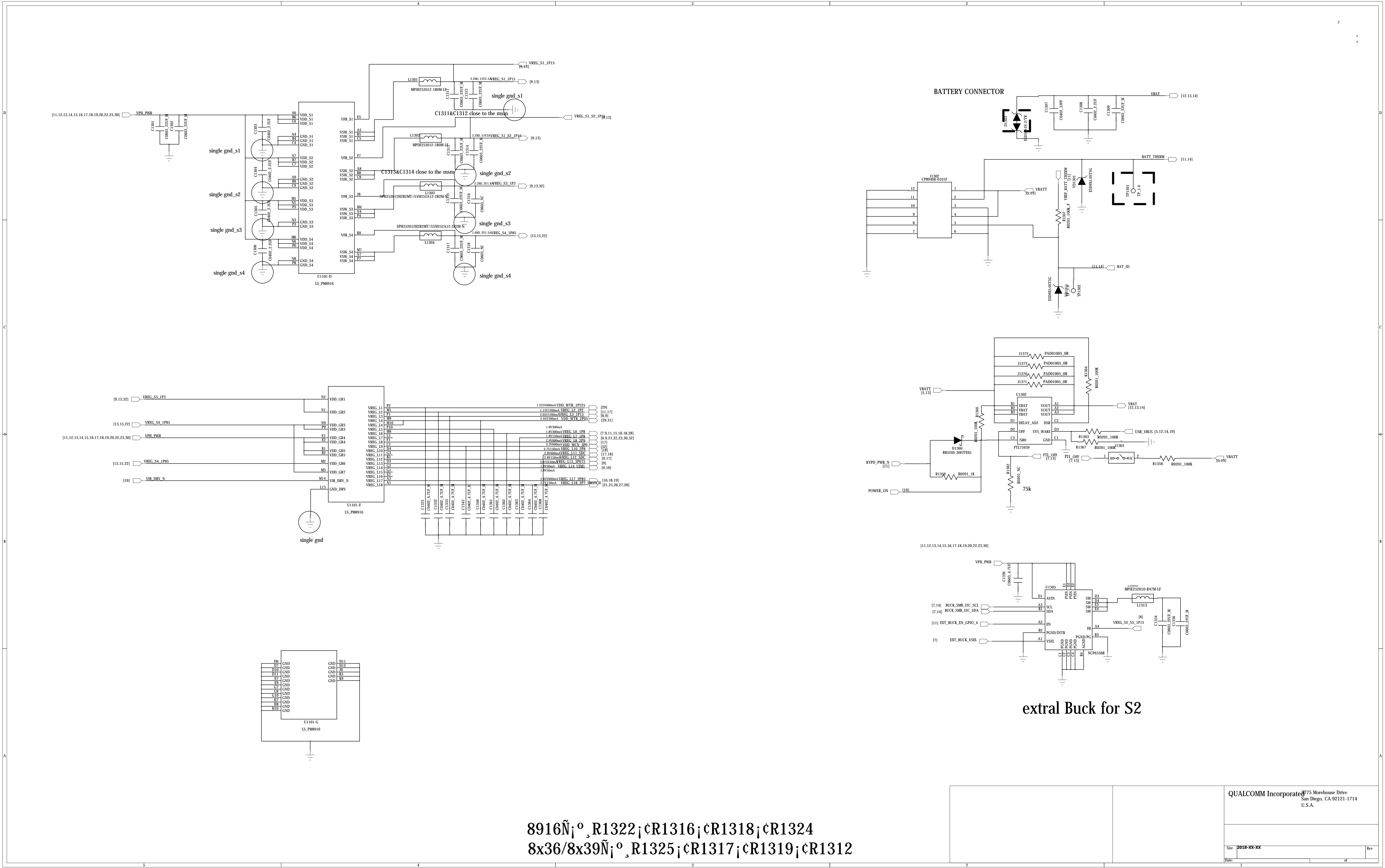
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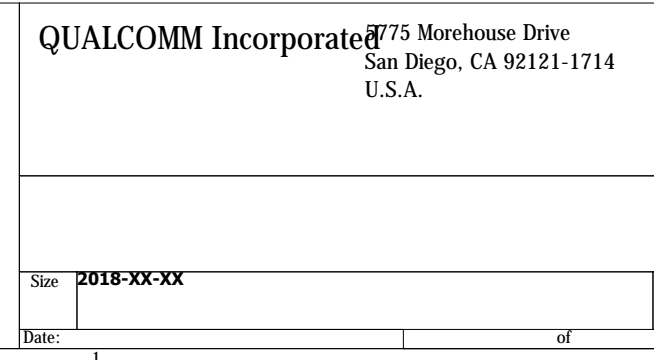


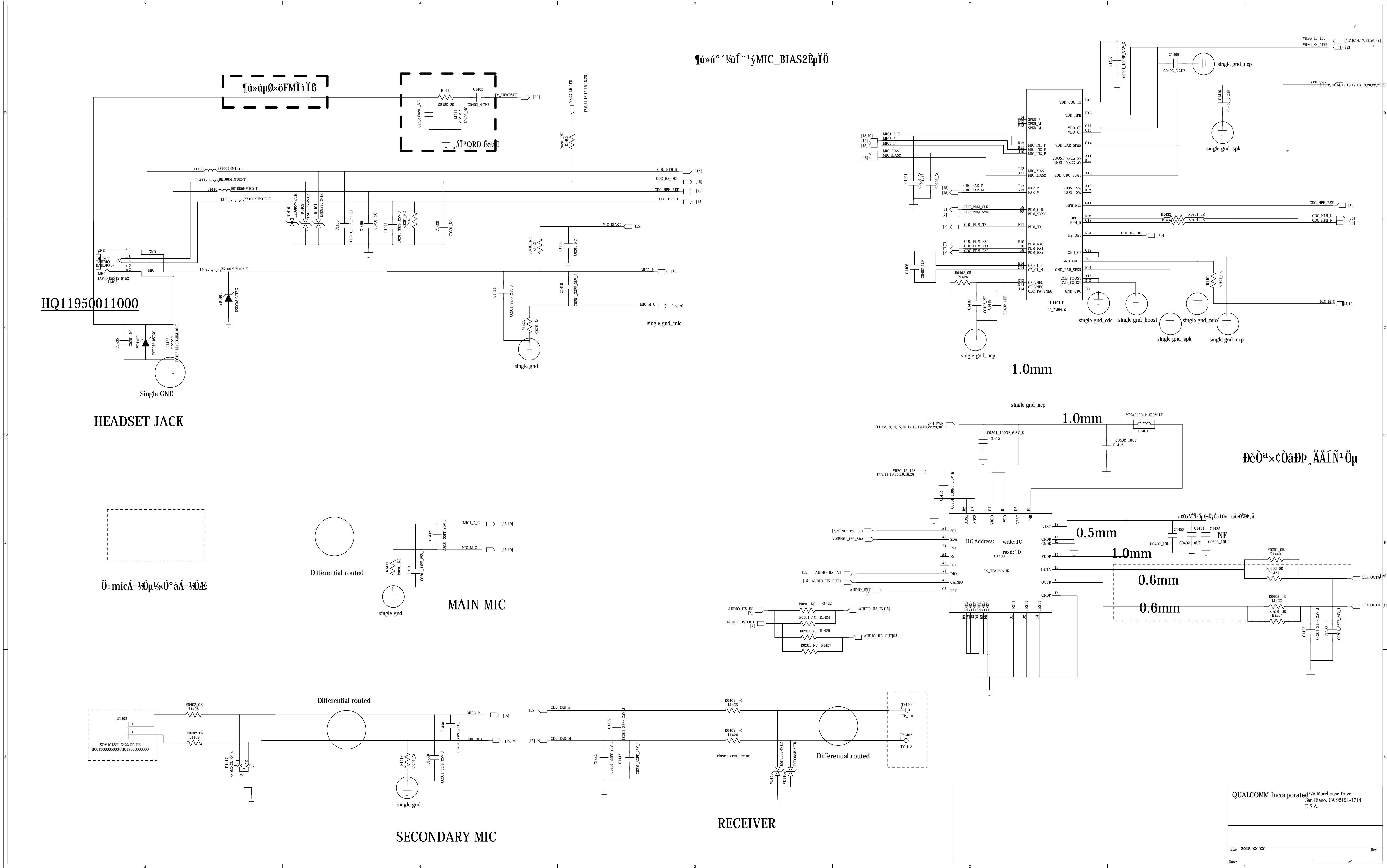


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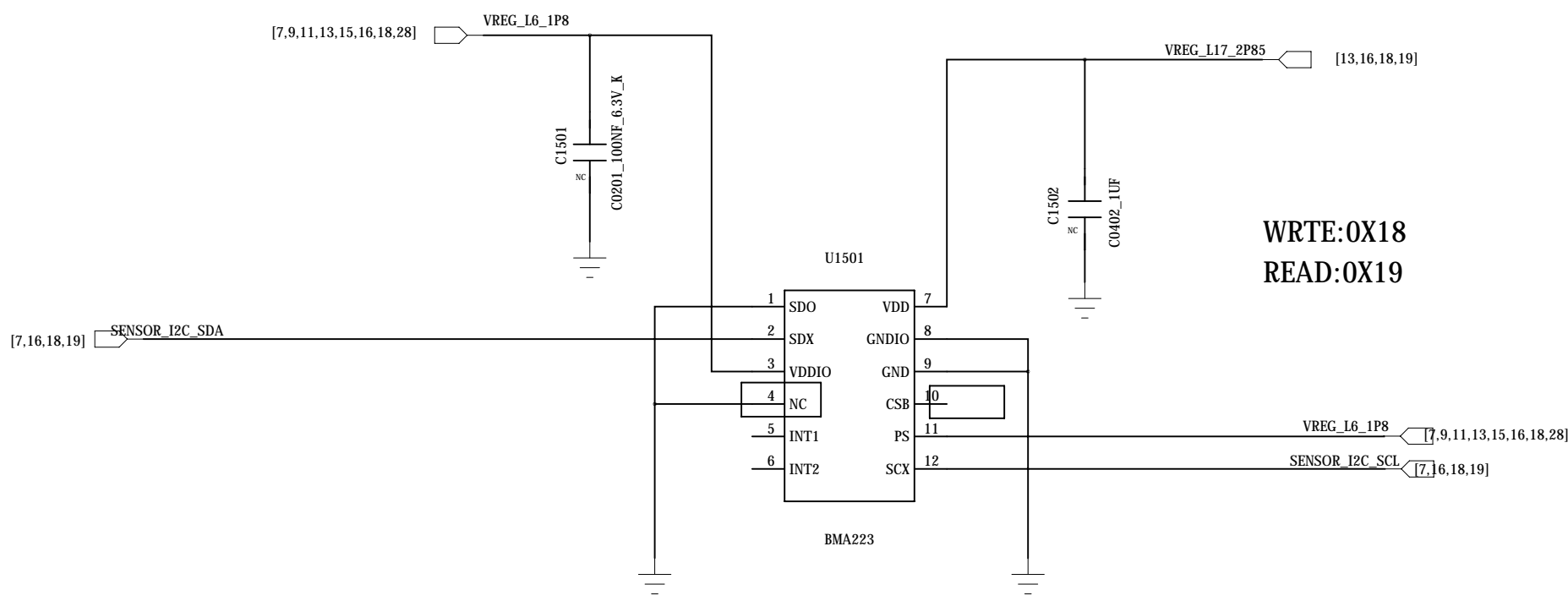


8916, R1322, R1316, R1318, R1324
8x36/8x39, R1325, R1317, R1319, R1312





BMA223//KXTJ2-1009



WRITE:0X18
READ:0X19

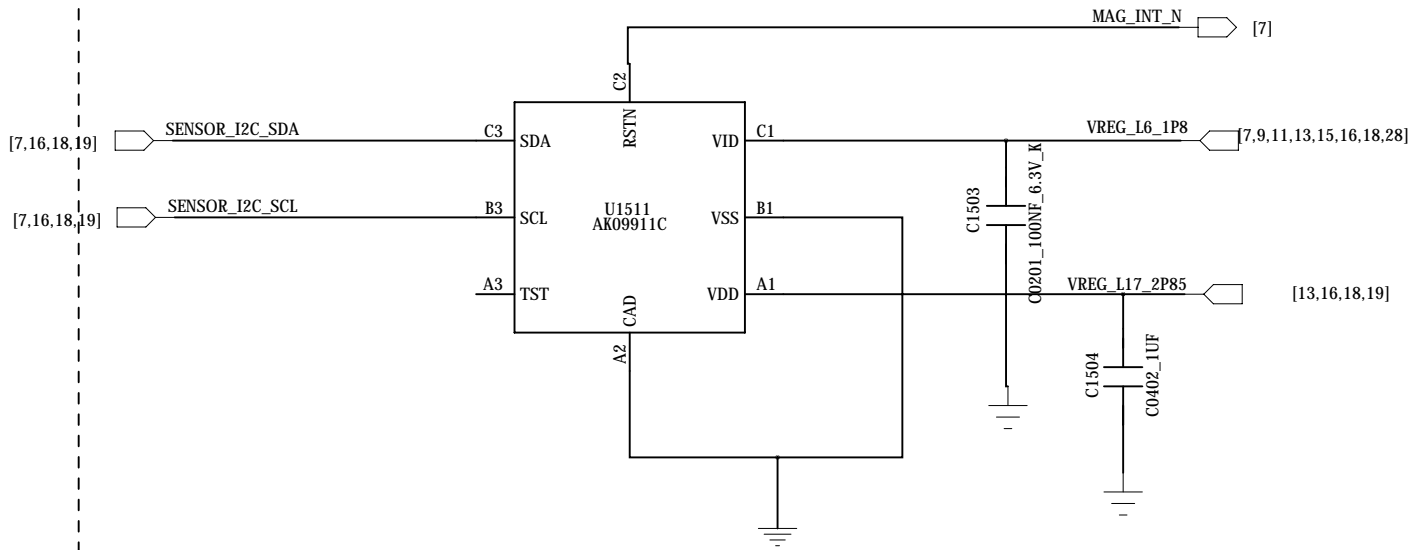
BMA250 is 0x03

Write 0 0 0 1 1 1 1 0: 0x1EH

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

G-sensor

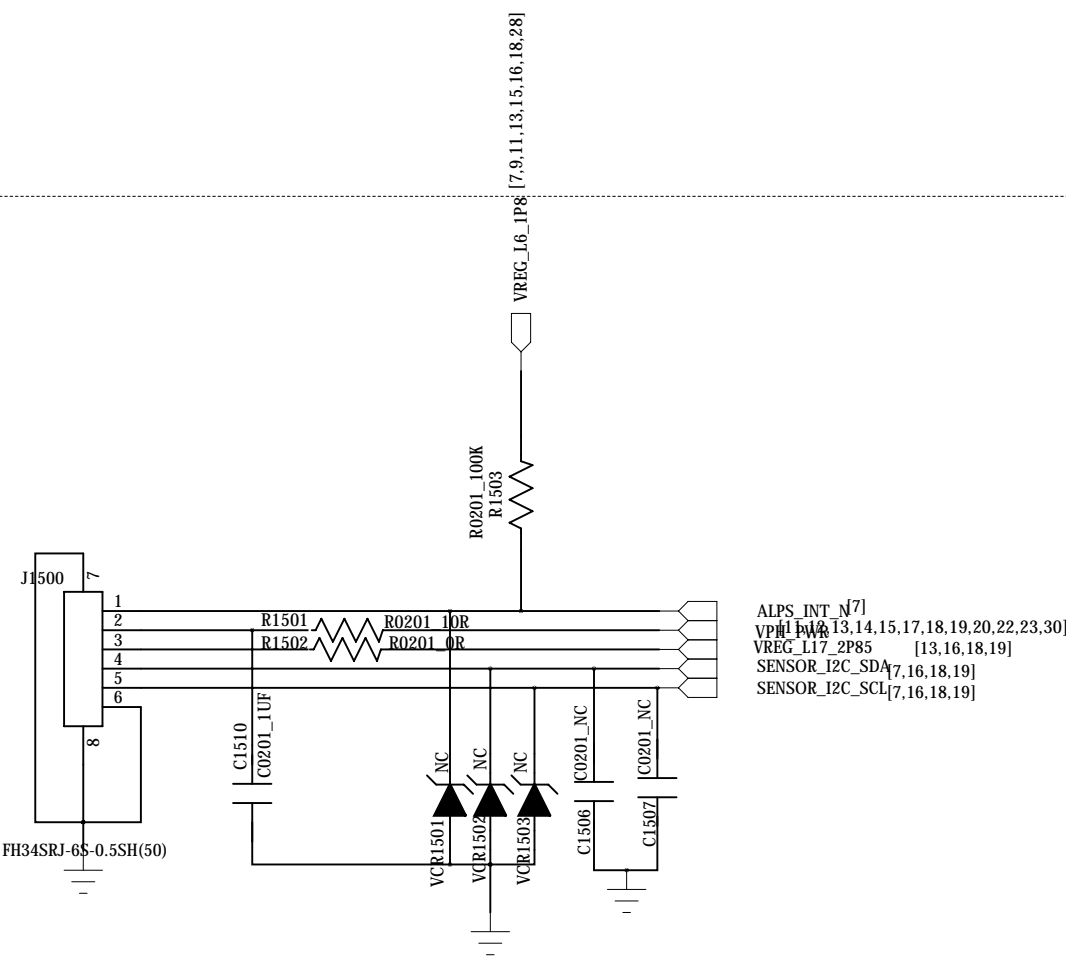
AK8963C//YAS533



MB		READ:0X1D		WRITE:0X1C					
0	0	0	1	1	CAD1	CAD0	W/R	0	1
								0: W	
								1: R	

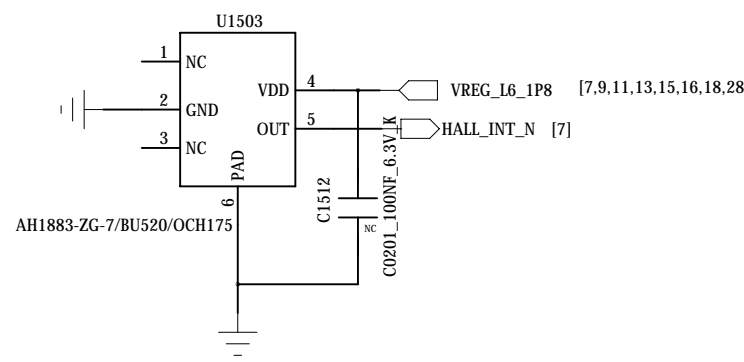
COMPASS

GOMPASS



ALS+PS

ALS+PS



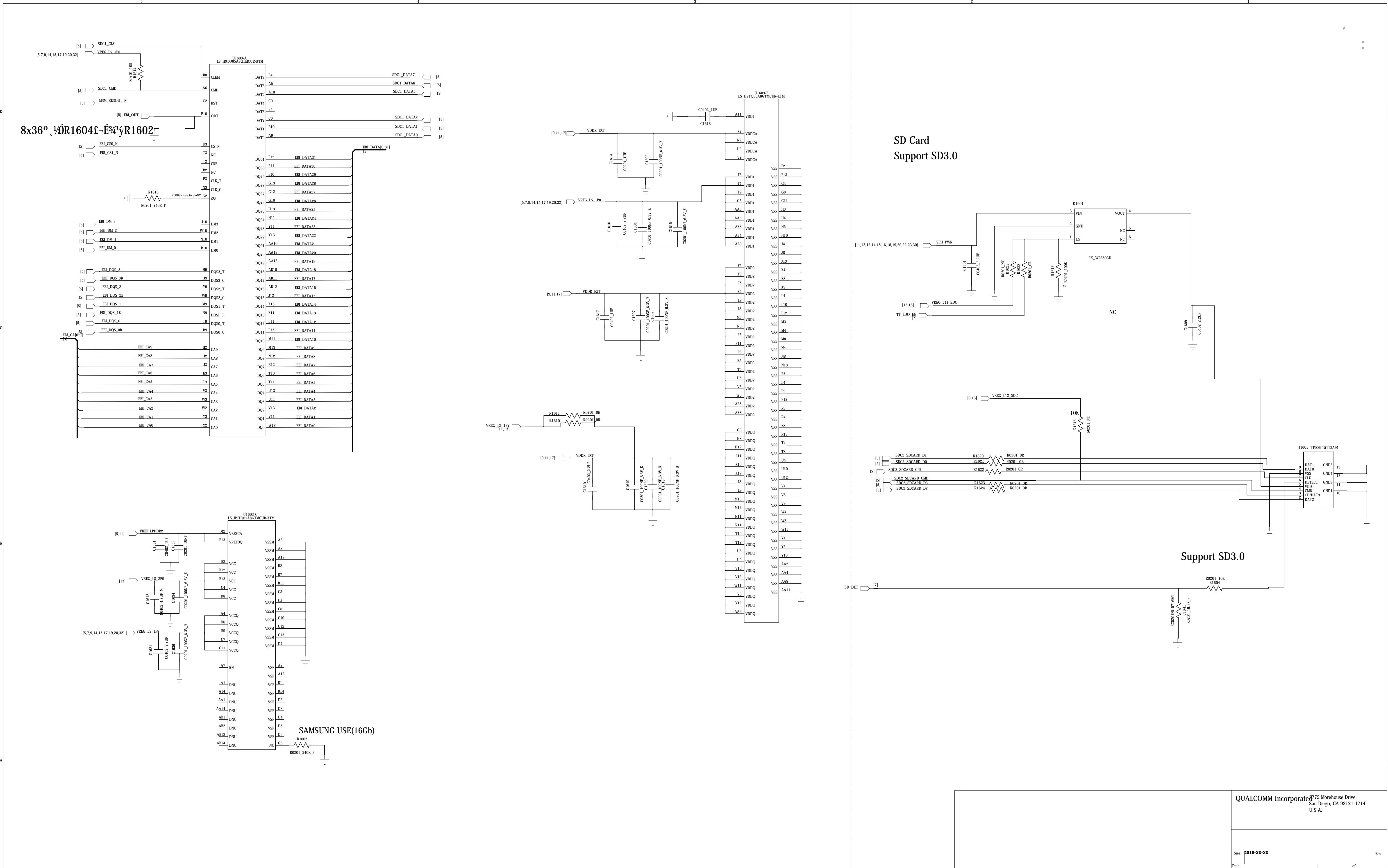
Hall

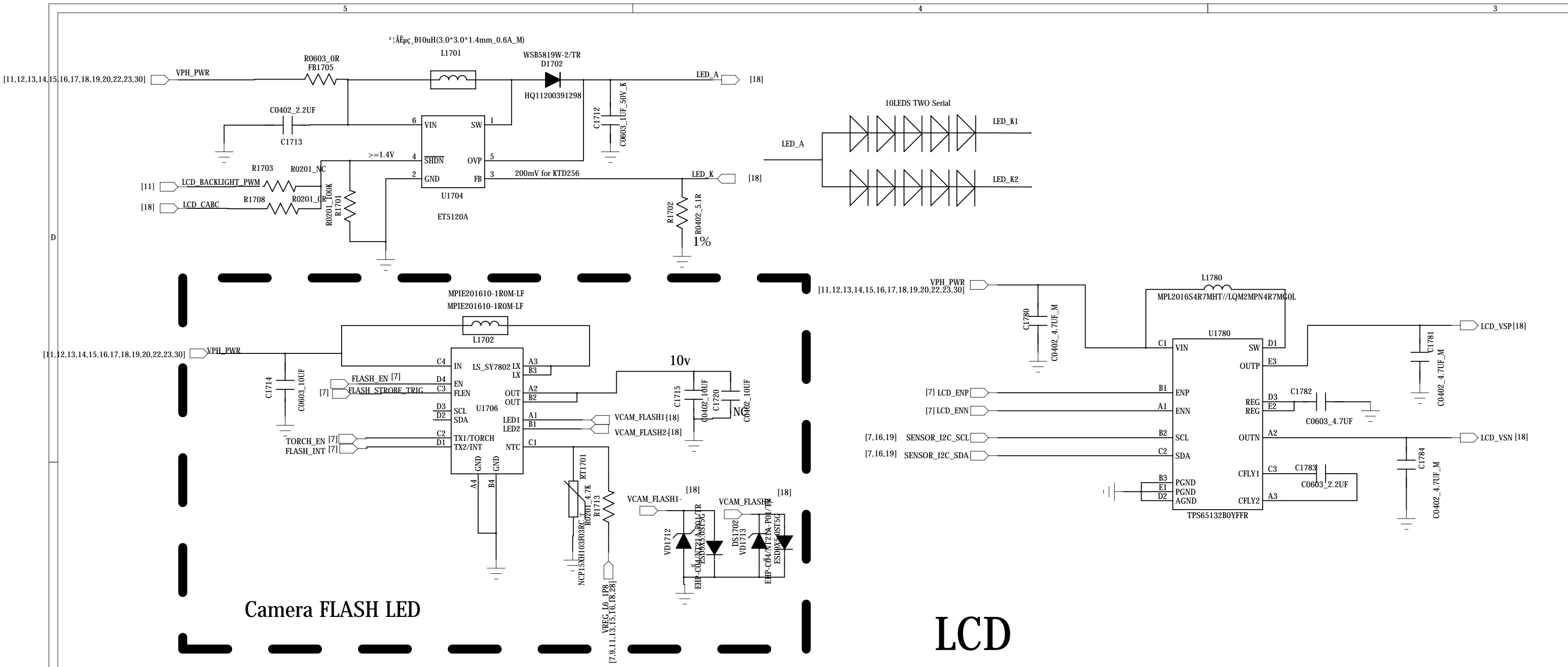
CTP

Motor

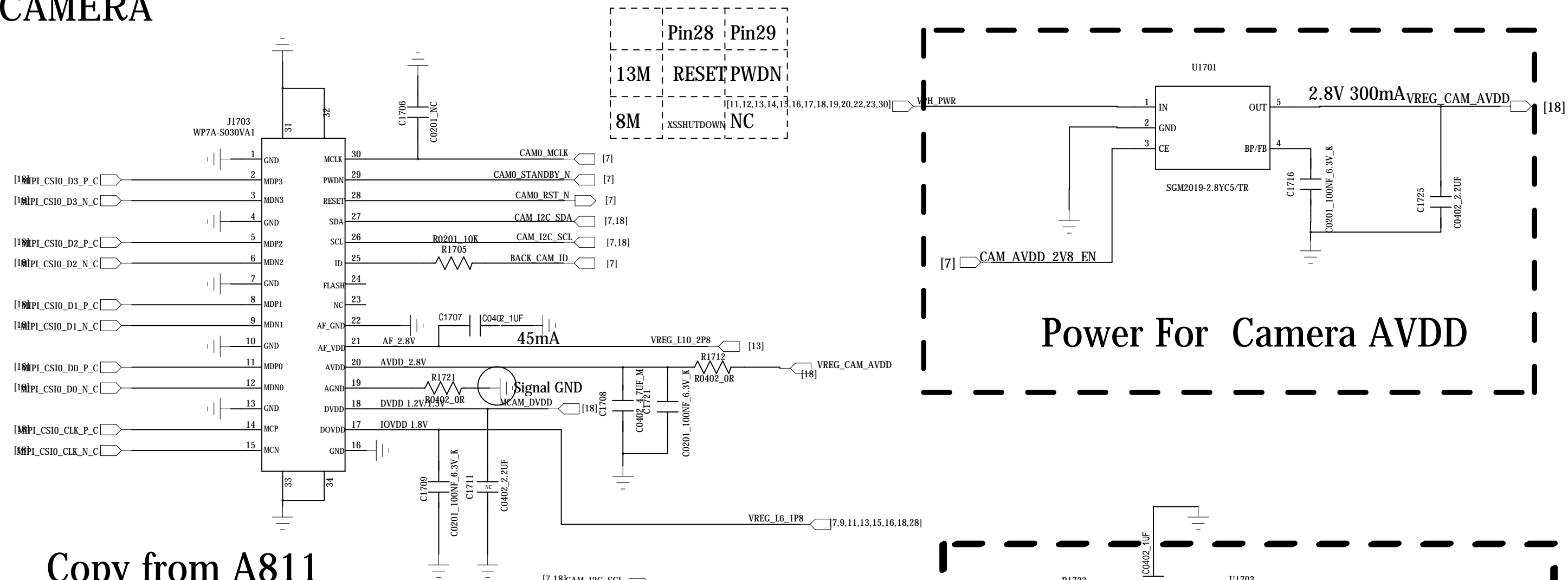
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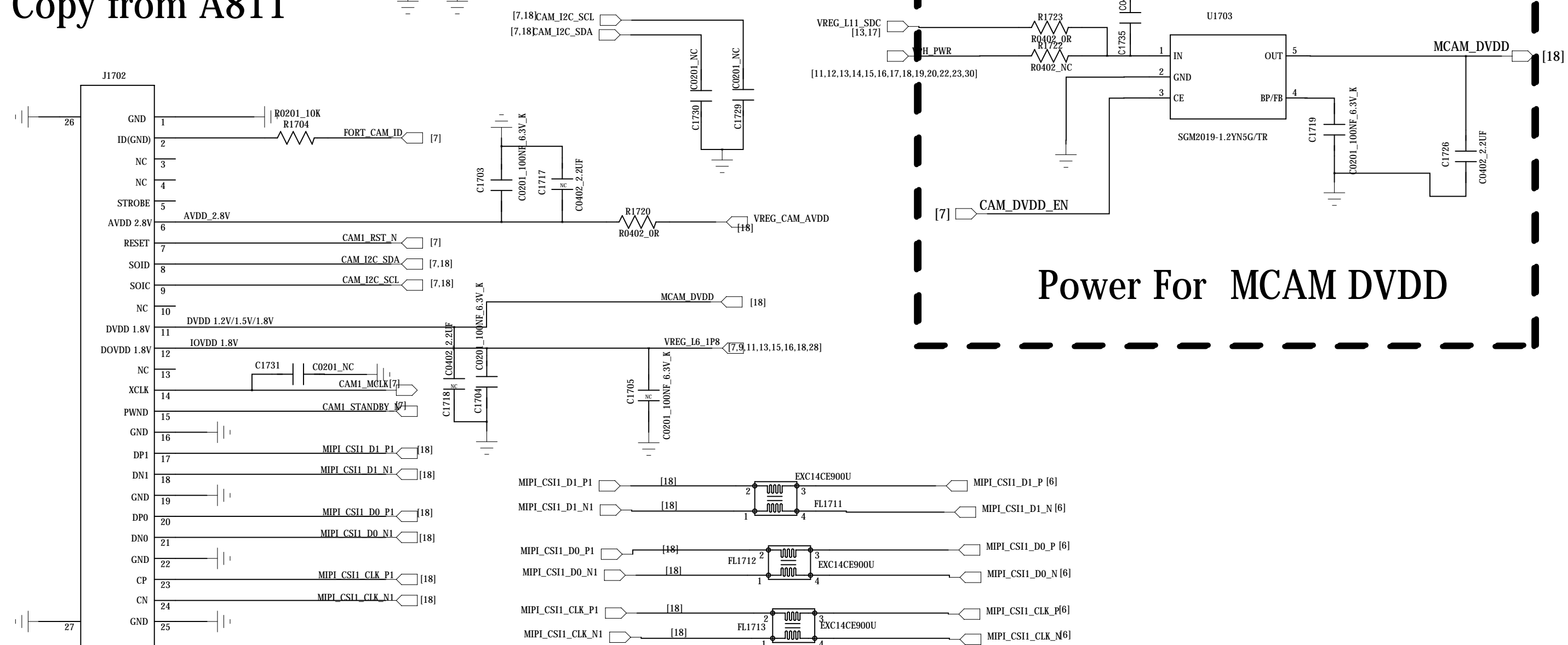




Main CAMERA 8M/13M



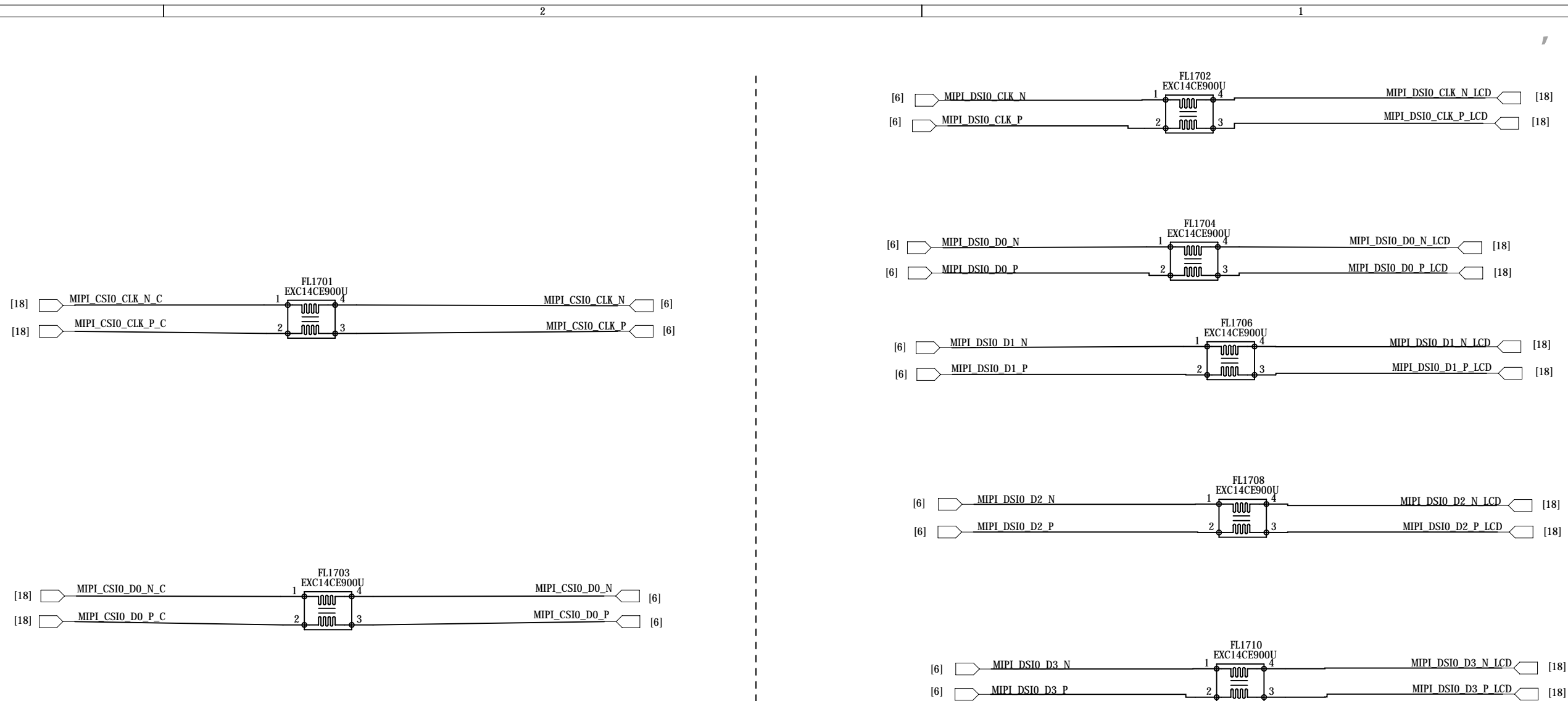
Copy from A811



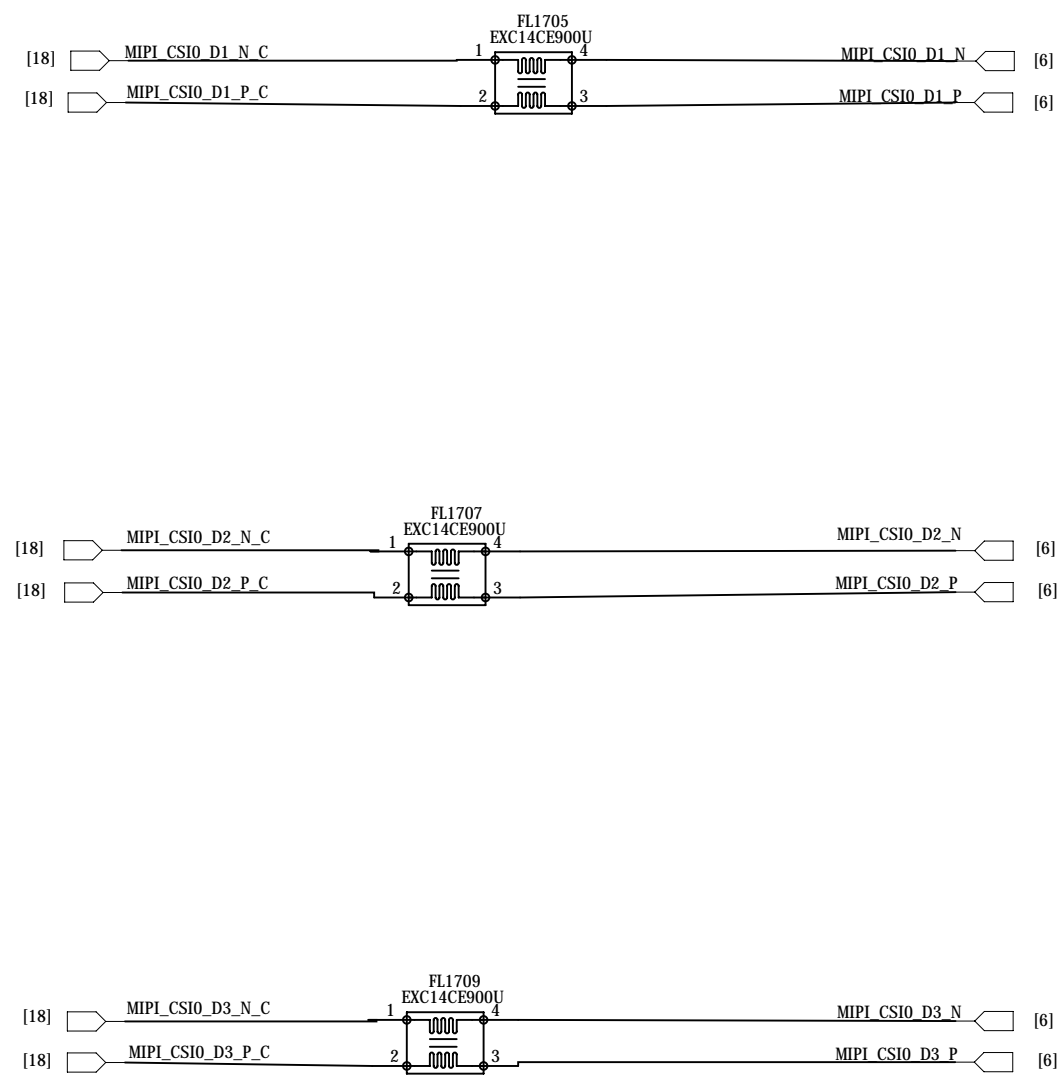
Camera

Sub CAMERA 5M/2M

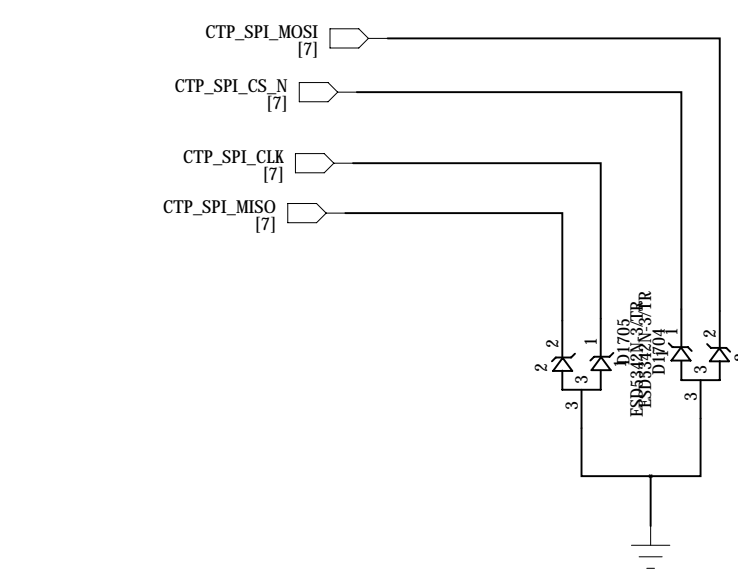
8M USE EMI



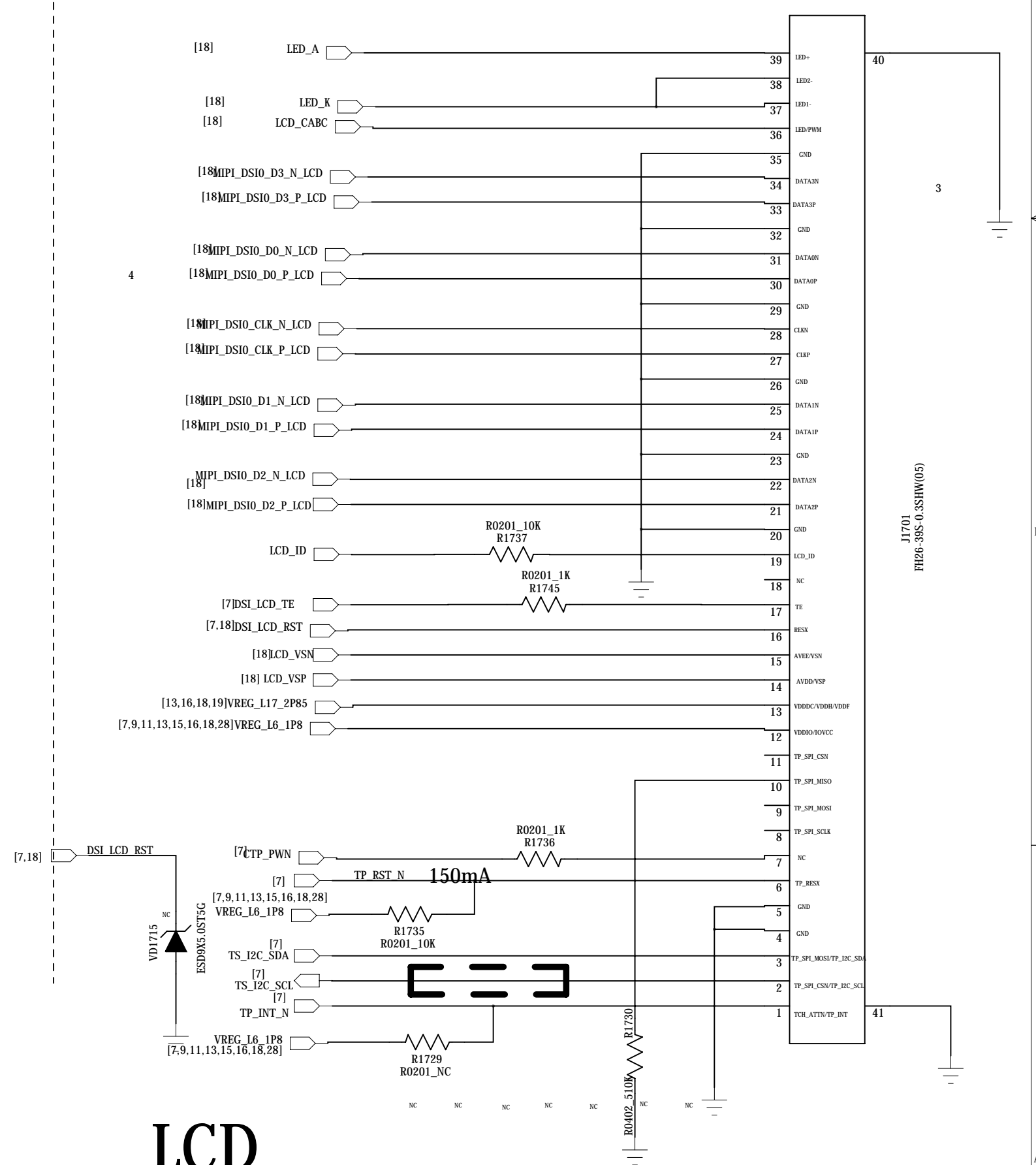
LCD



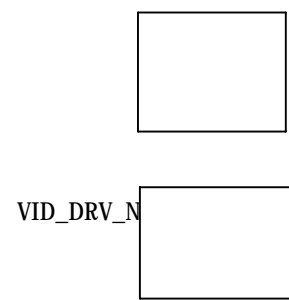
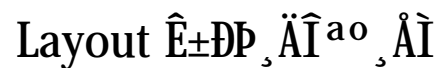
Main CAMERA



LCD



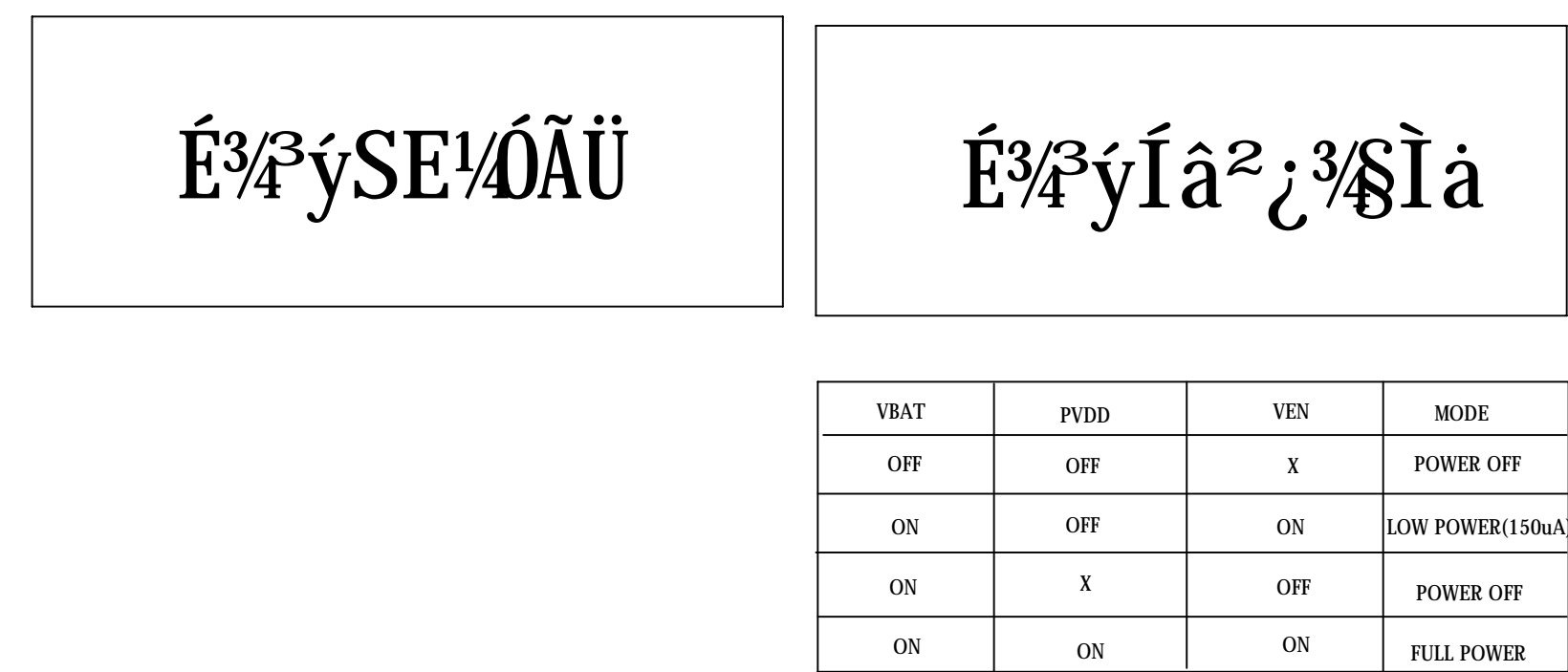
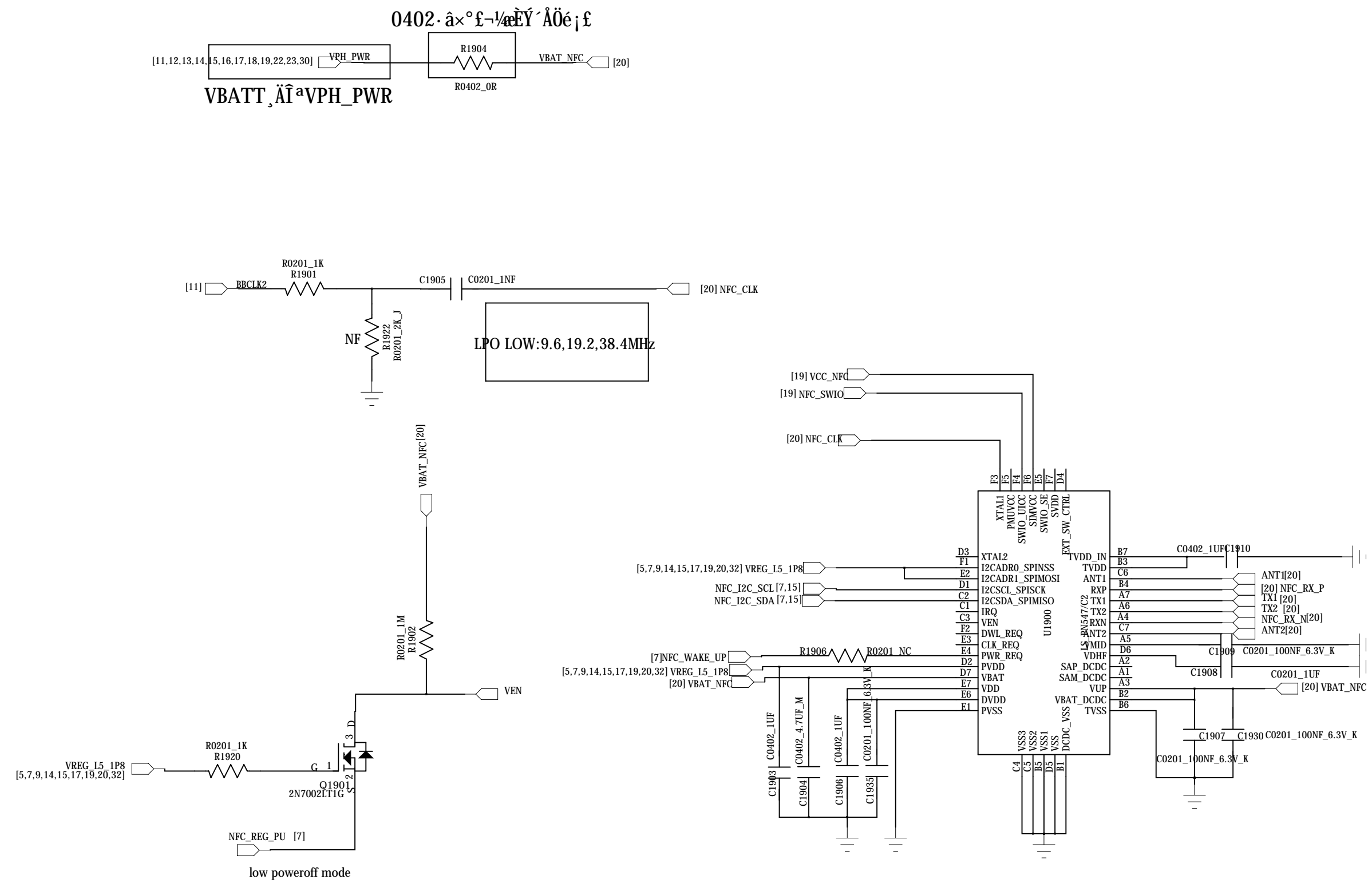
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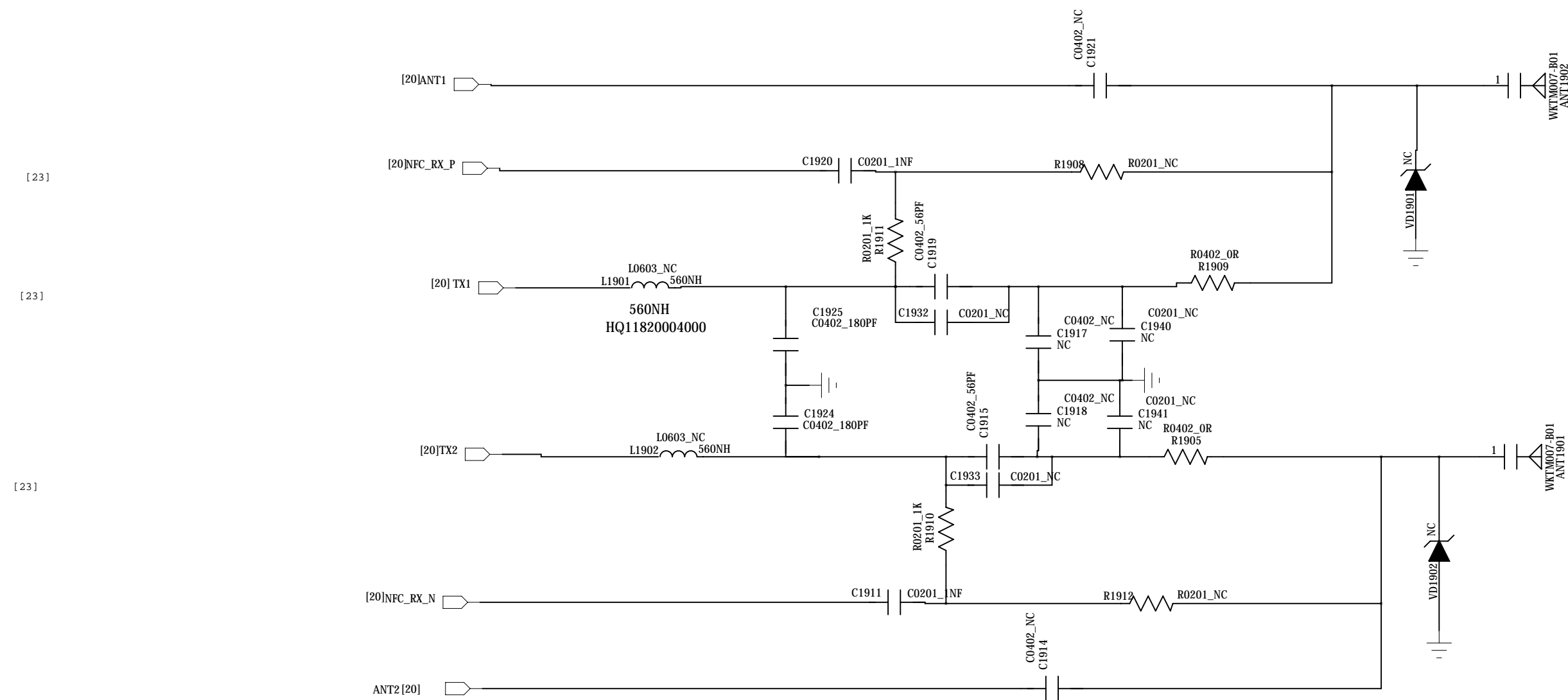
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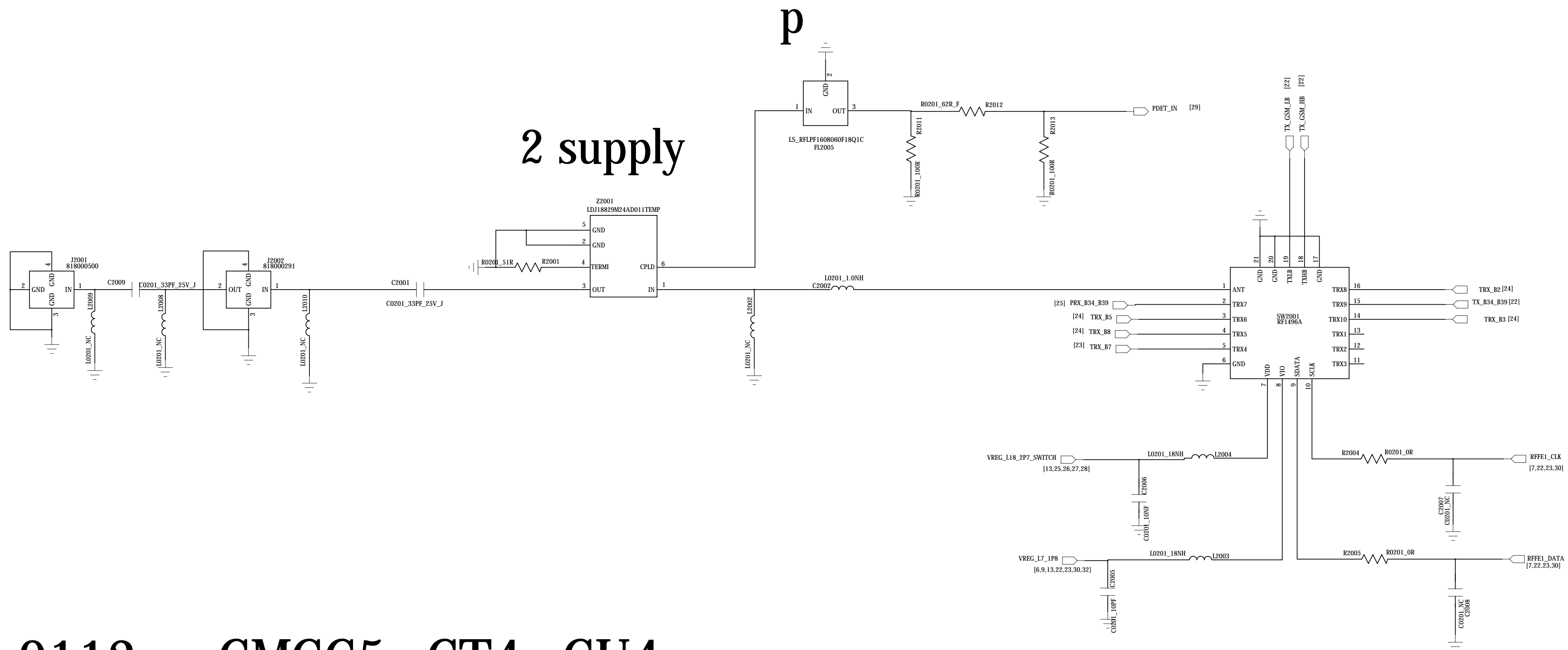
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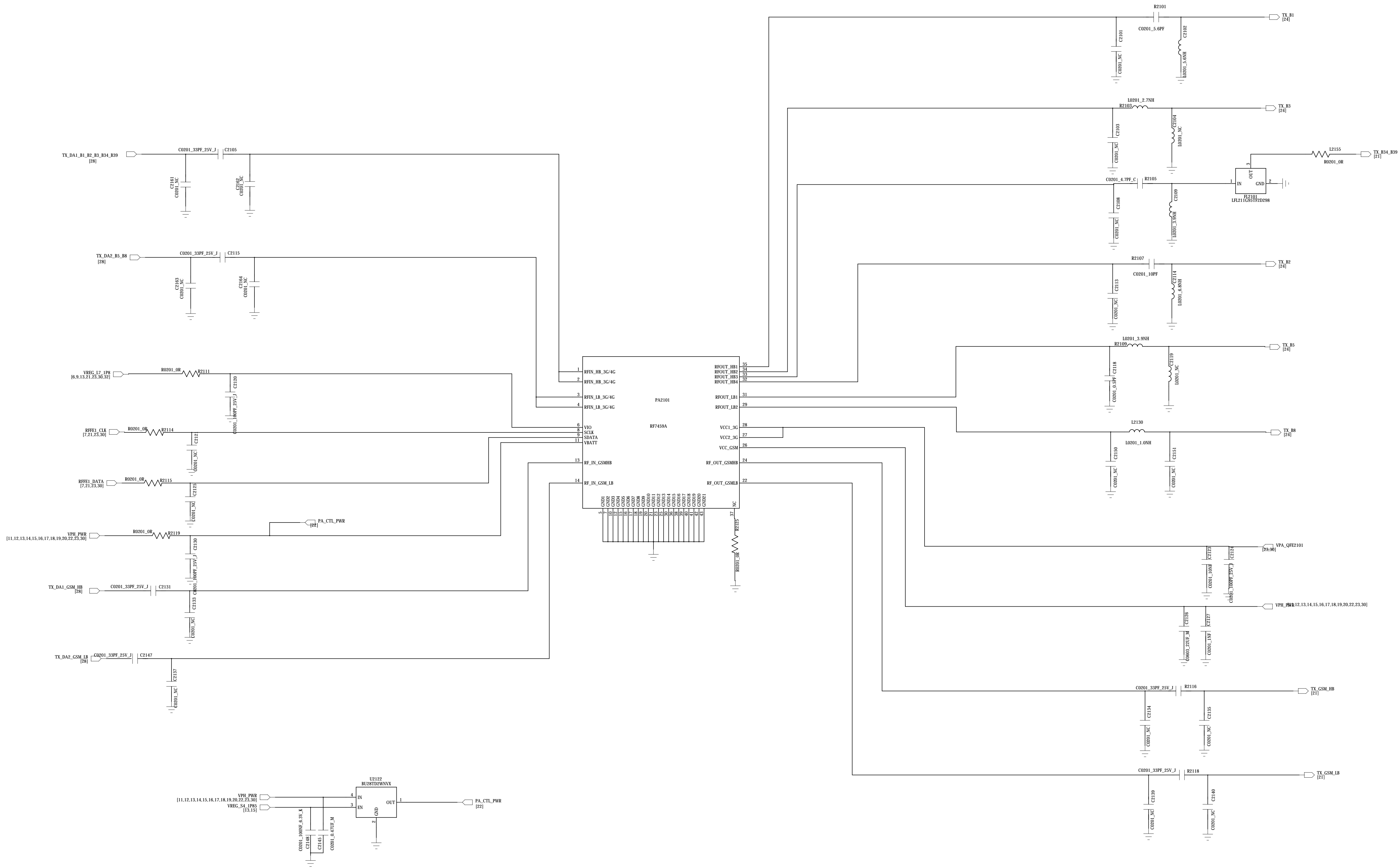
RF



PRIMARY_ANTENNA_SW



0113 CMCC5+CT4+CU4

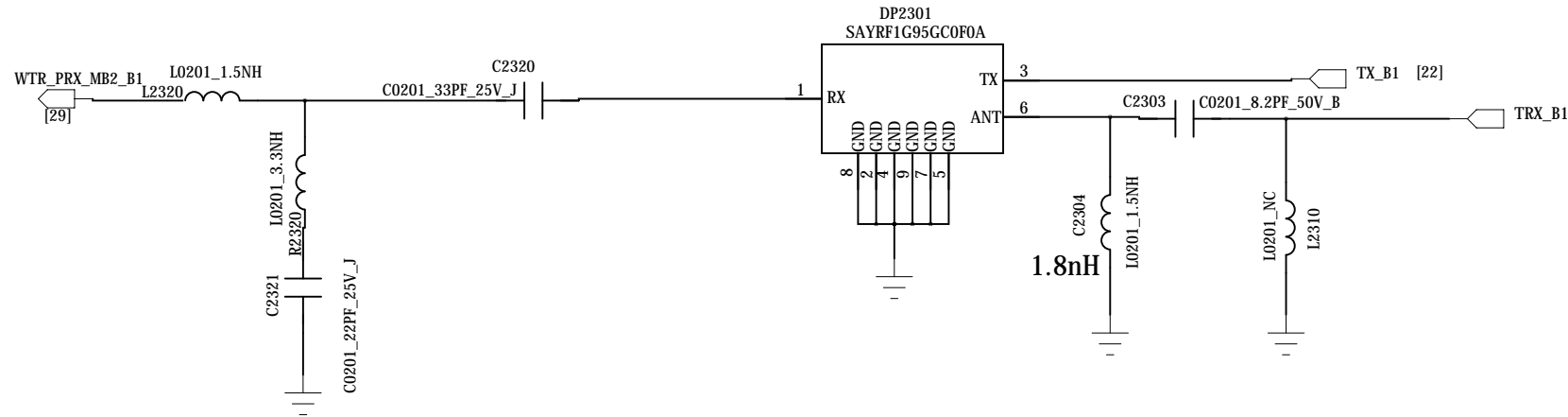


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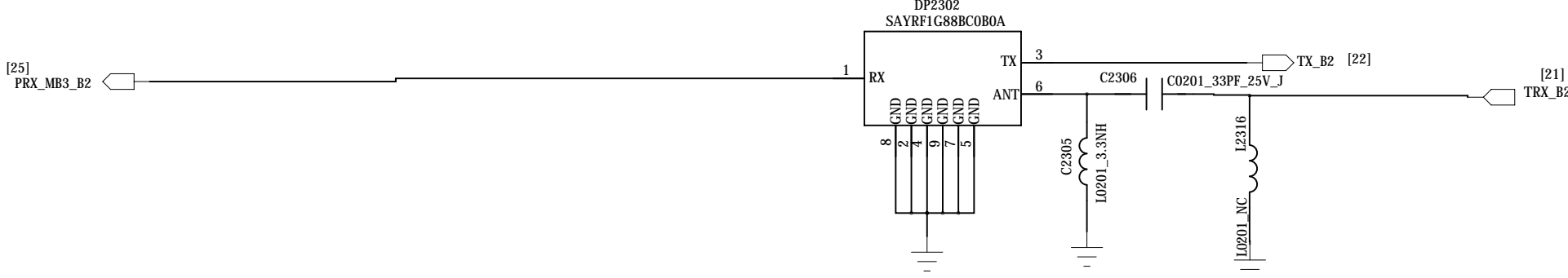
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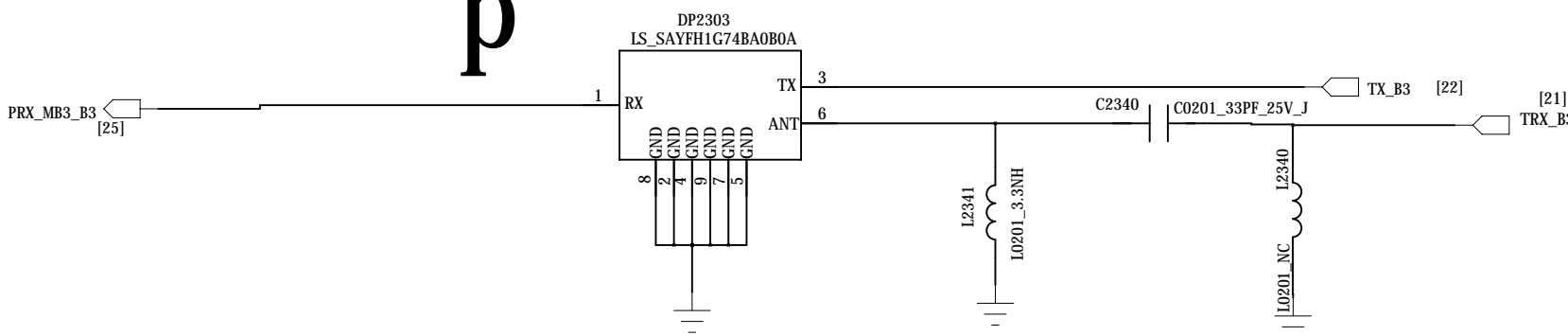
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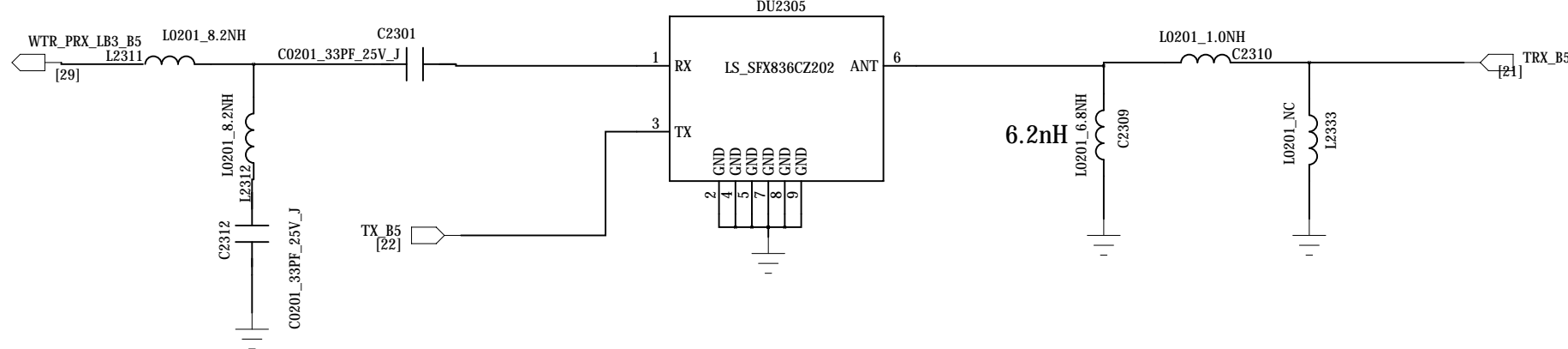
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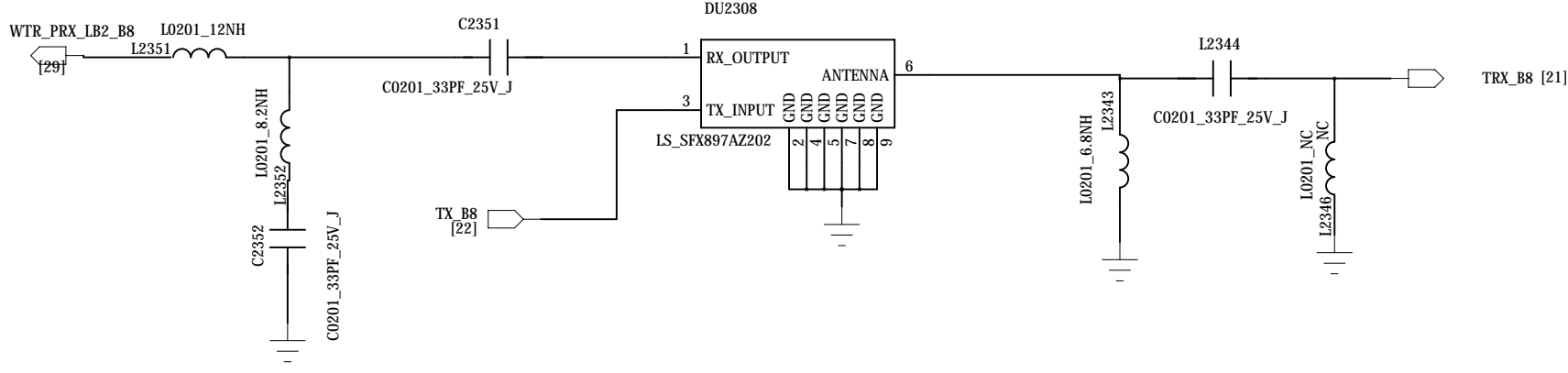
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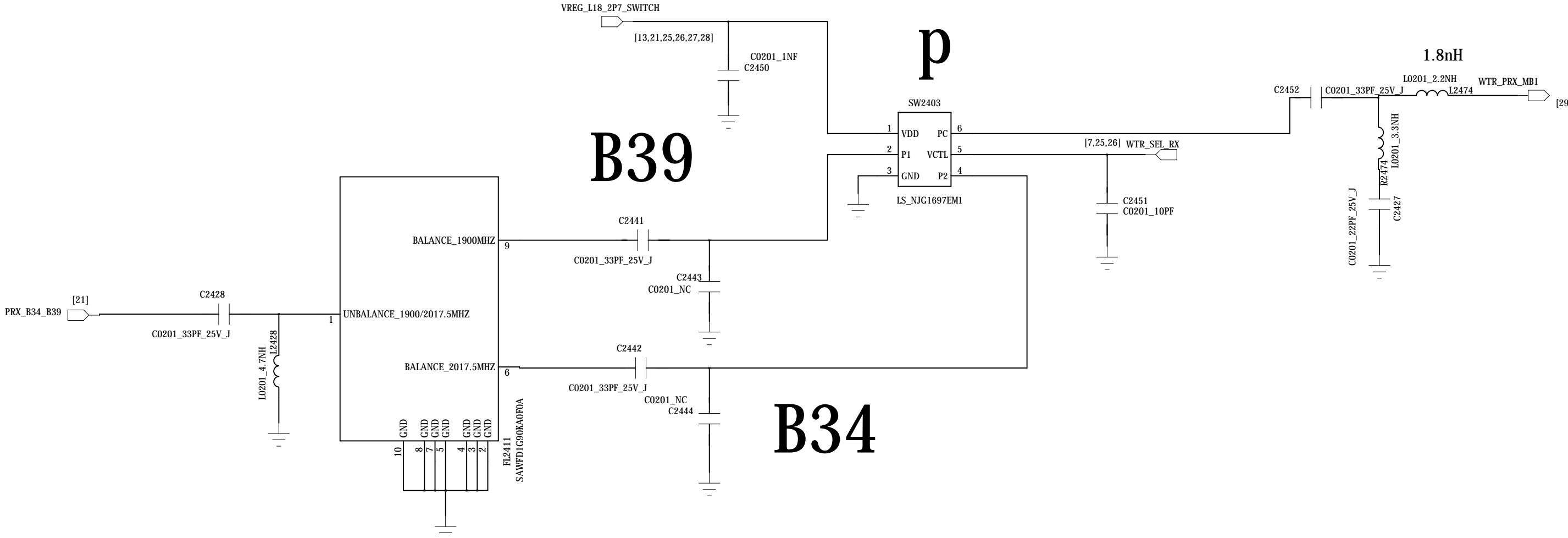
B5



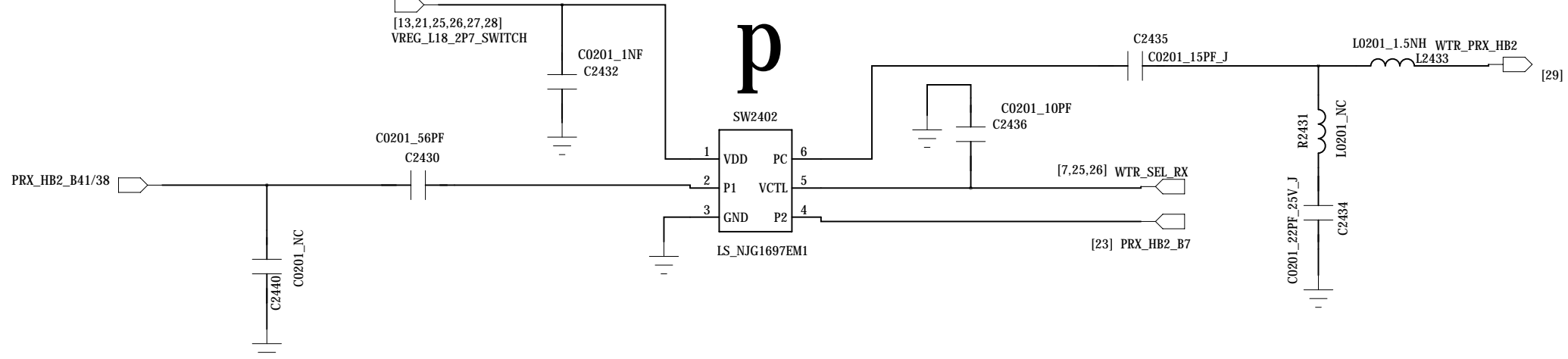
B8



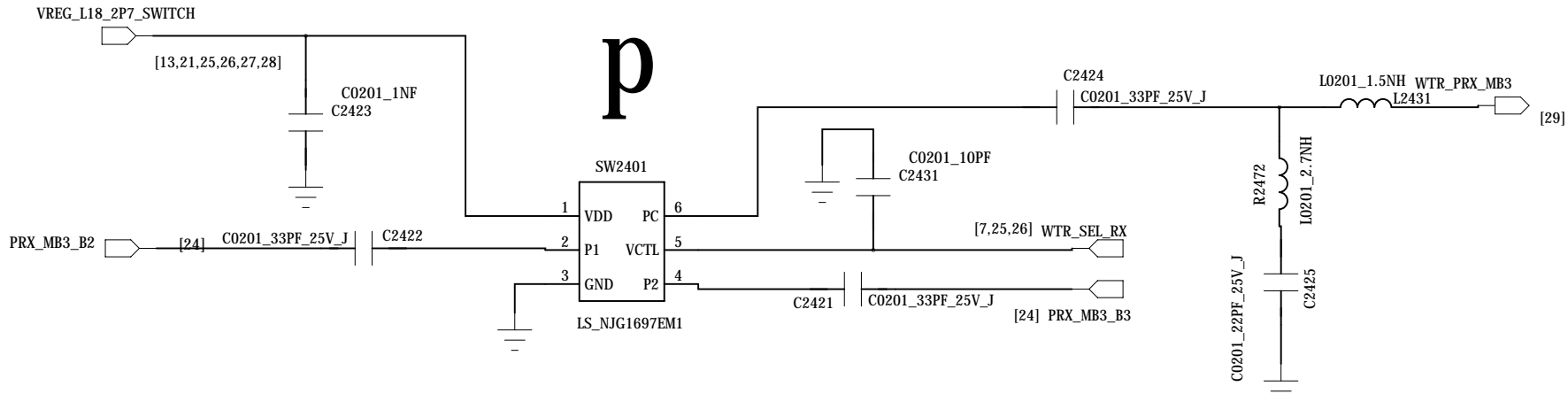
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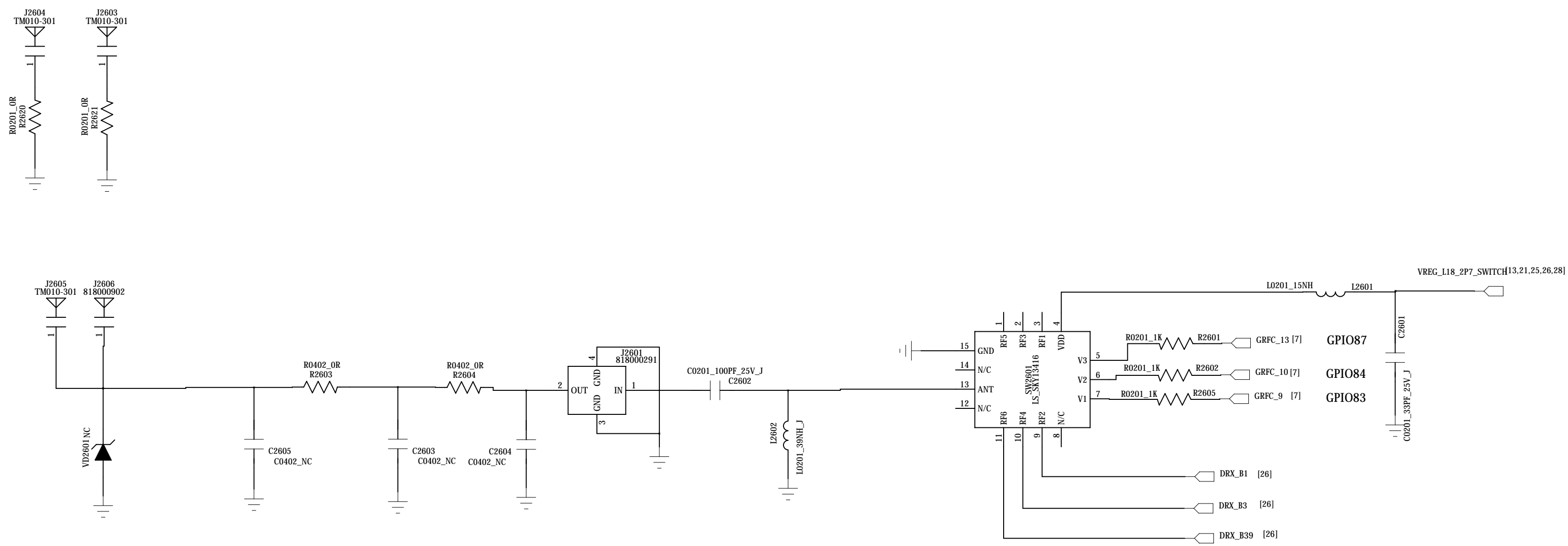


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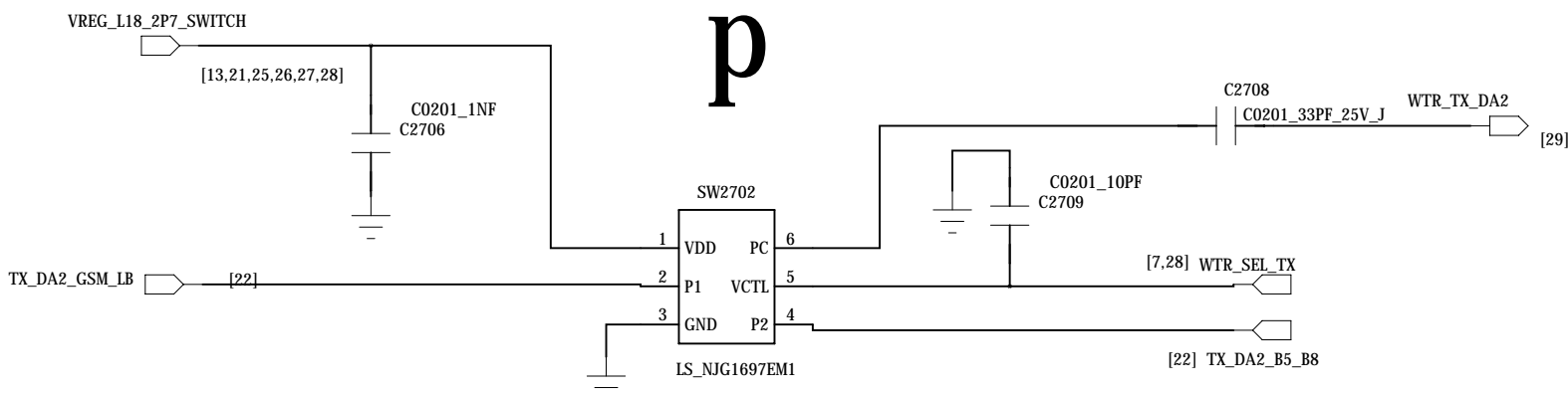
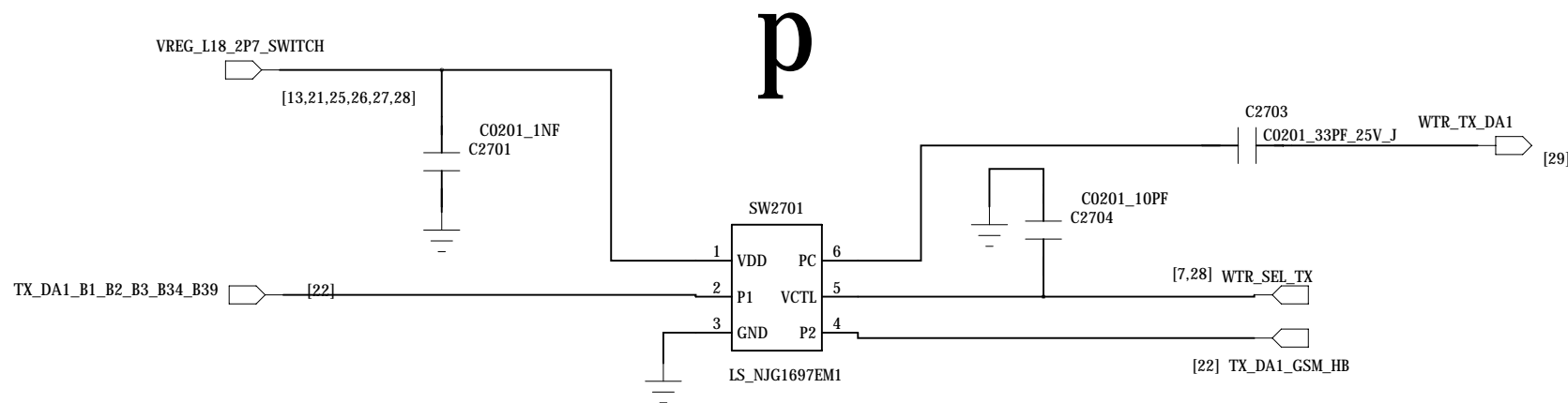


PRX B2 B3

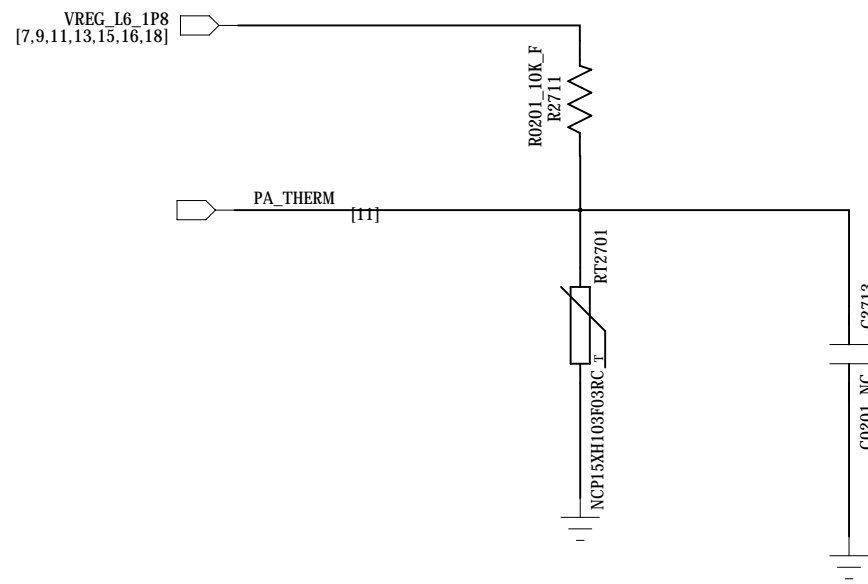


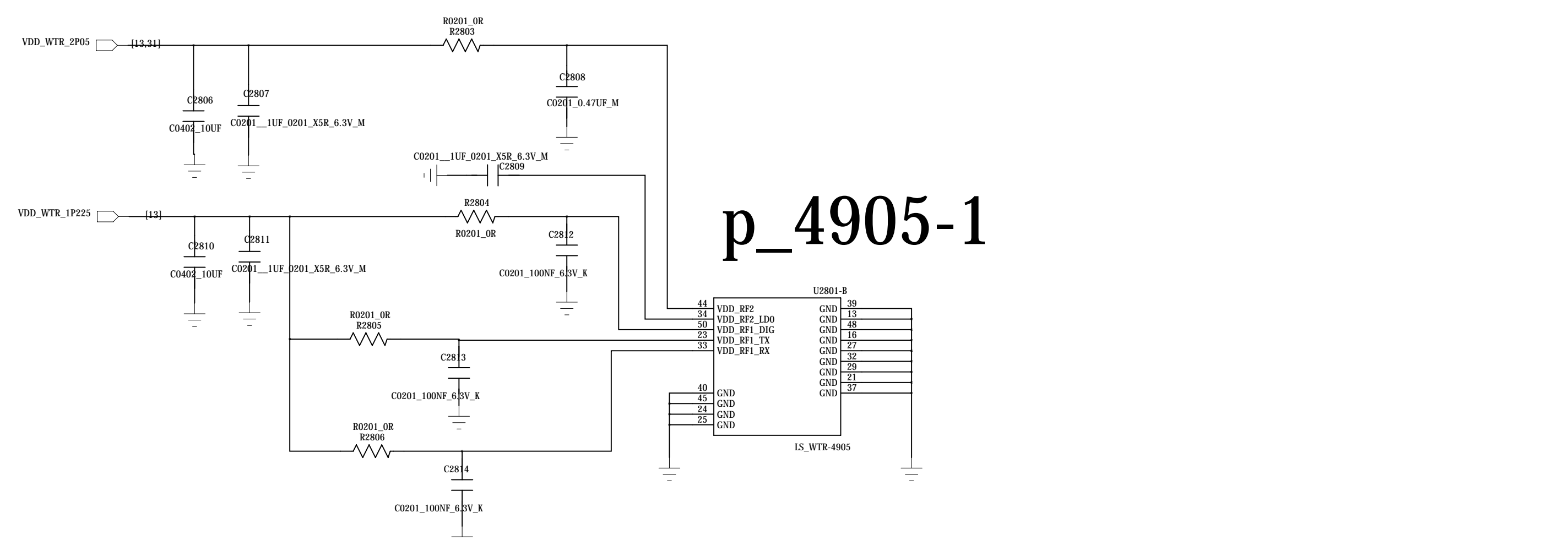
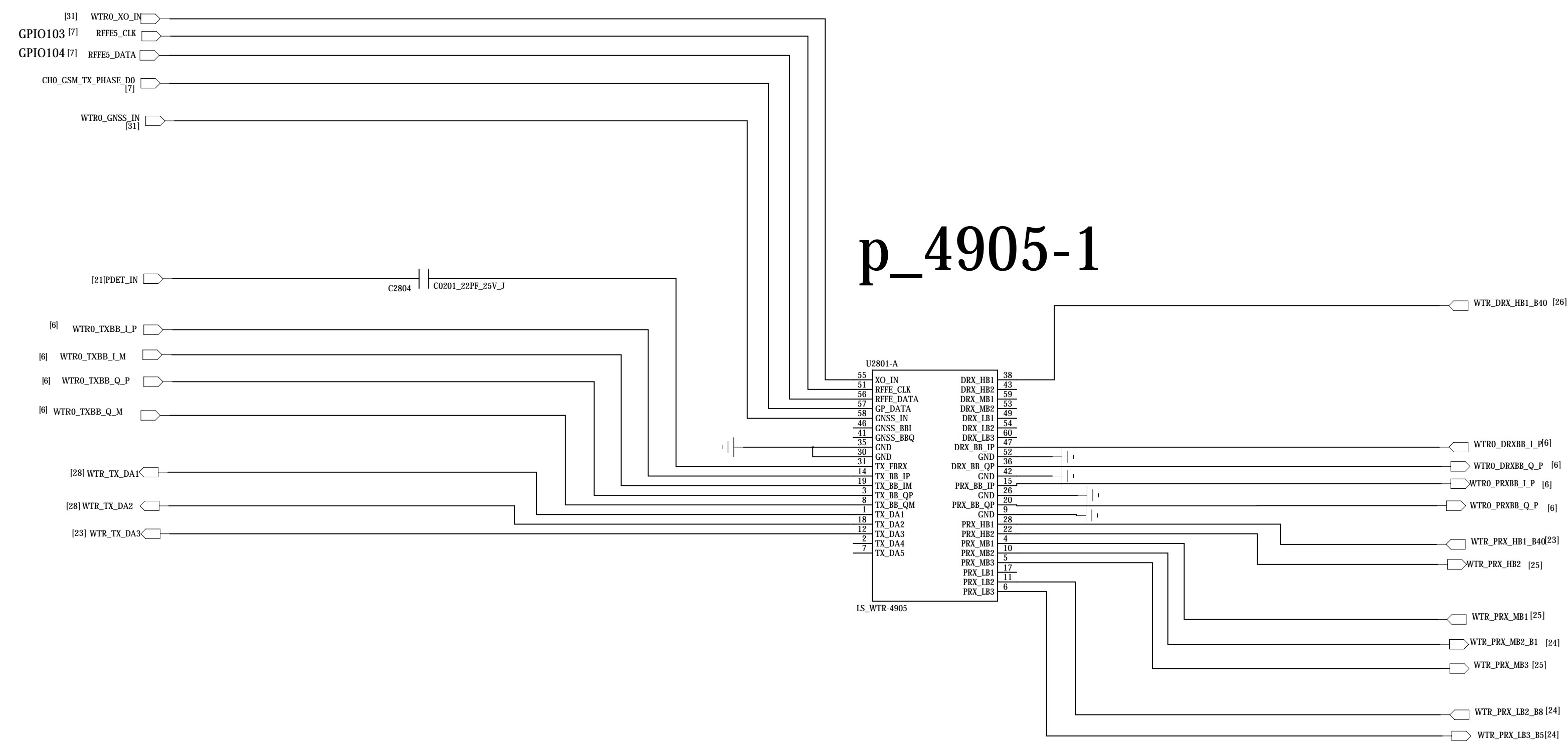


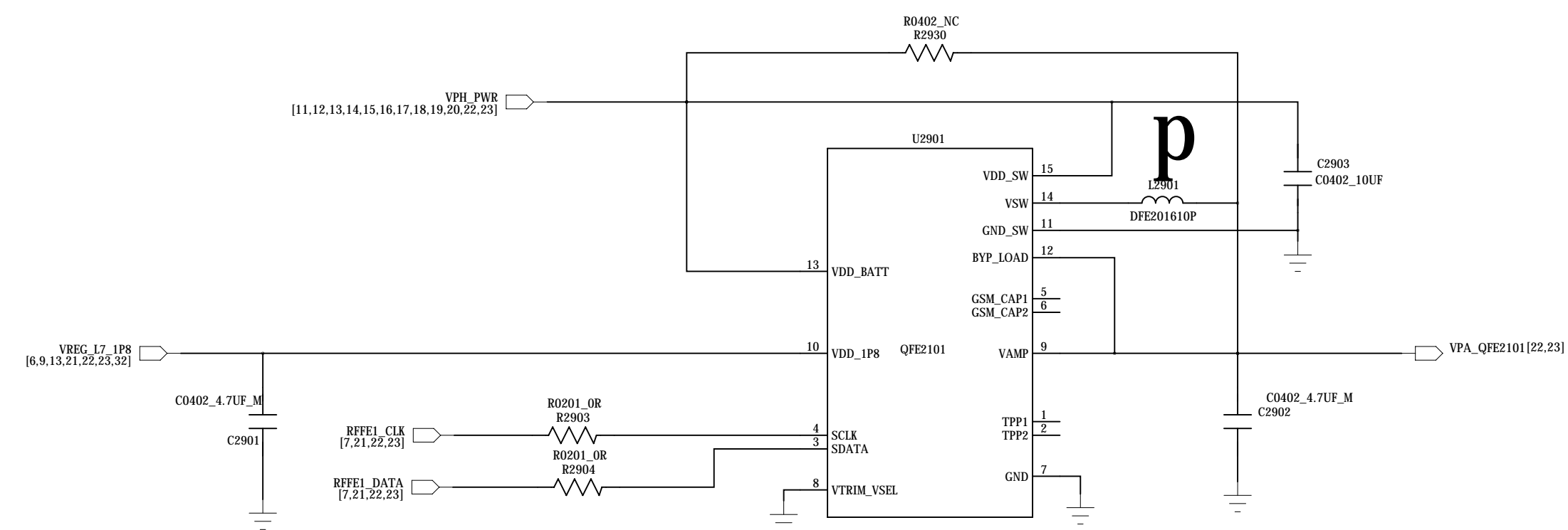
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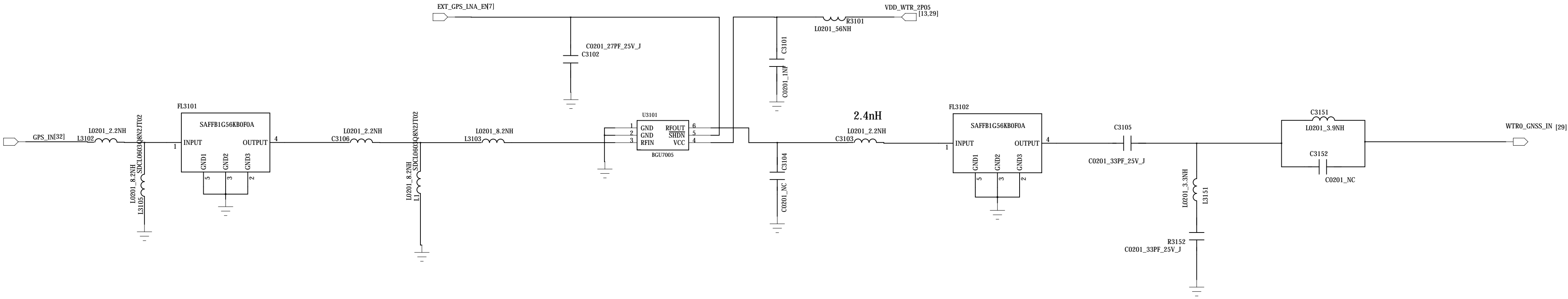
PA_THERMAL



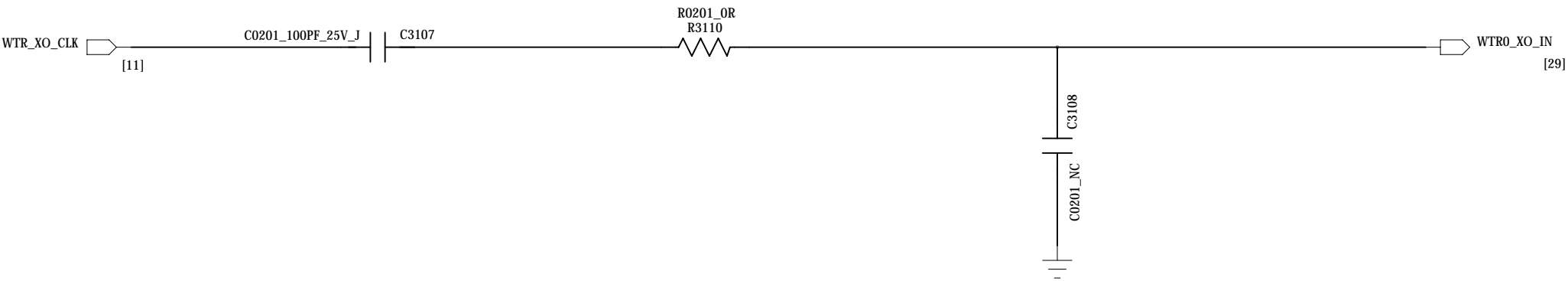




RF_GPS



RF_XO



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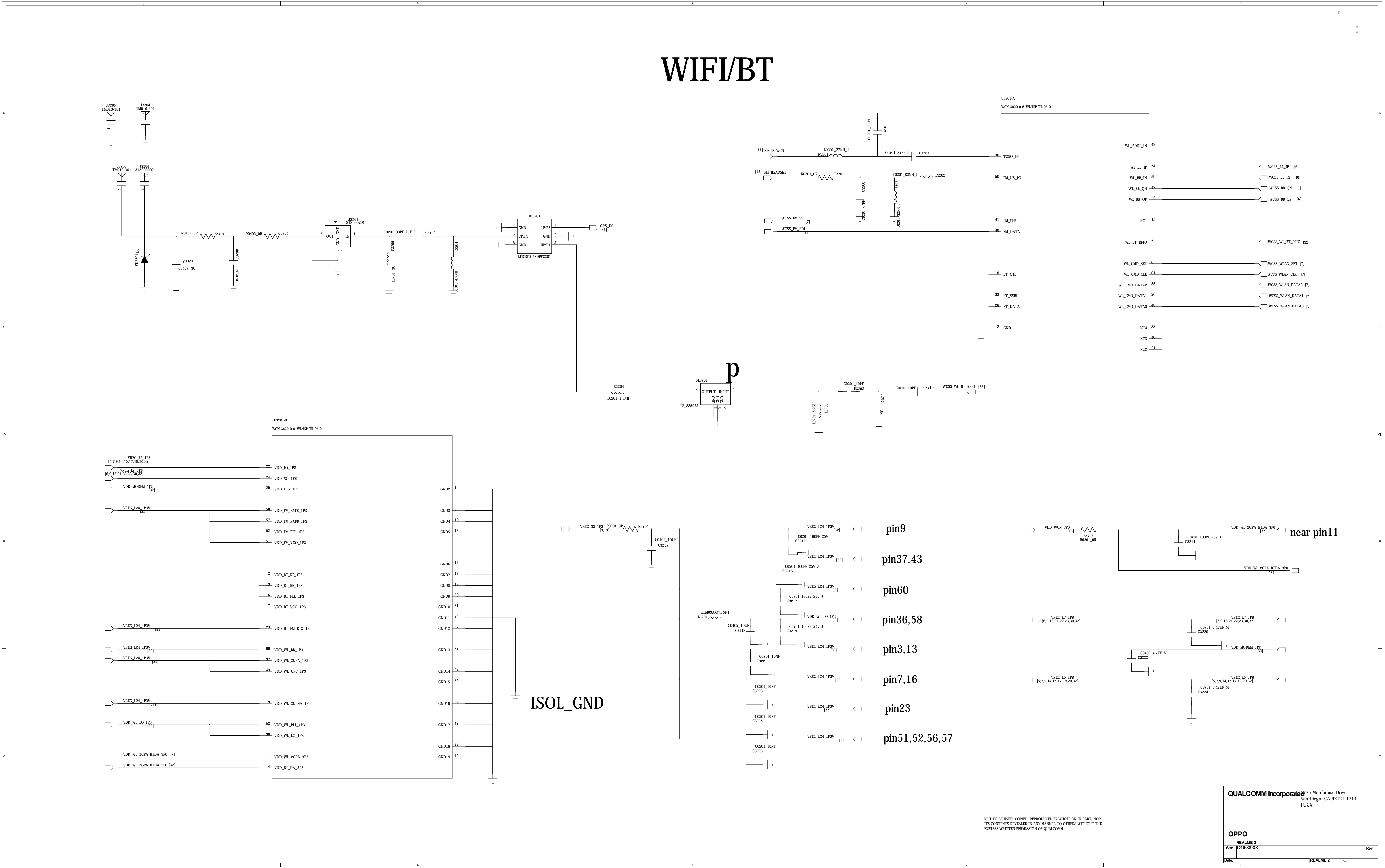
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