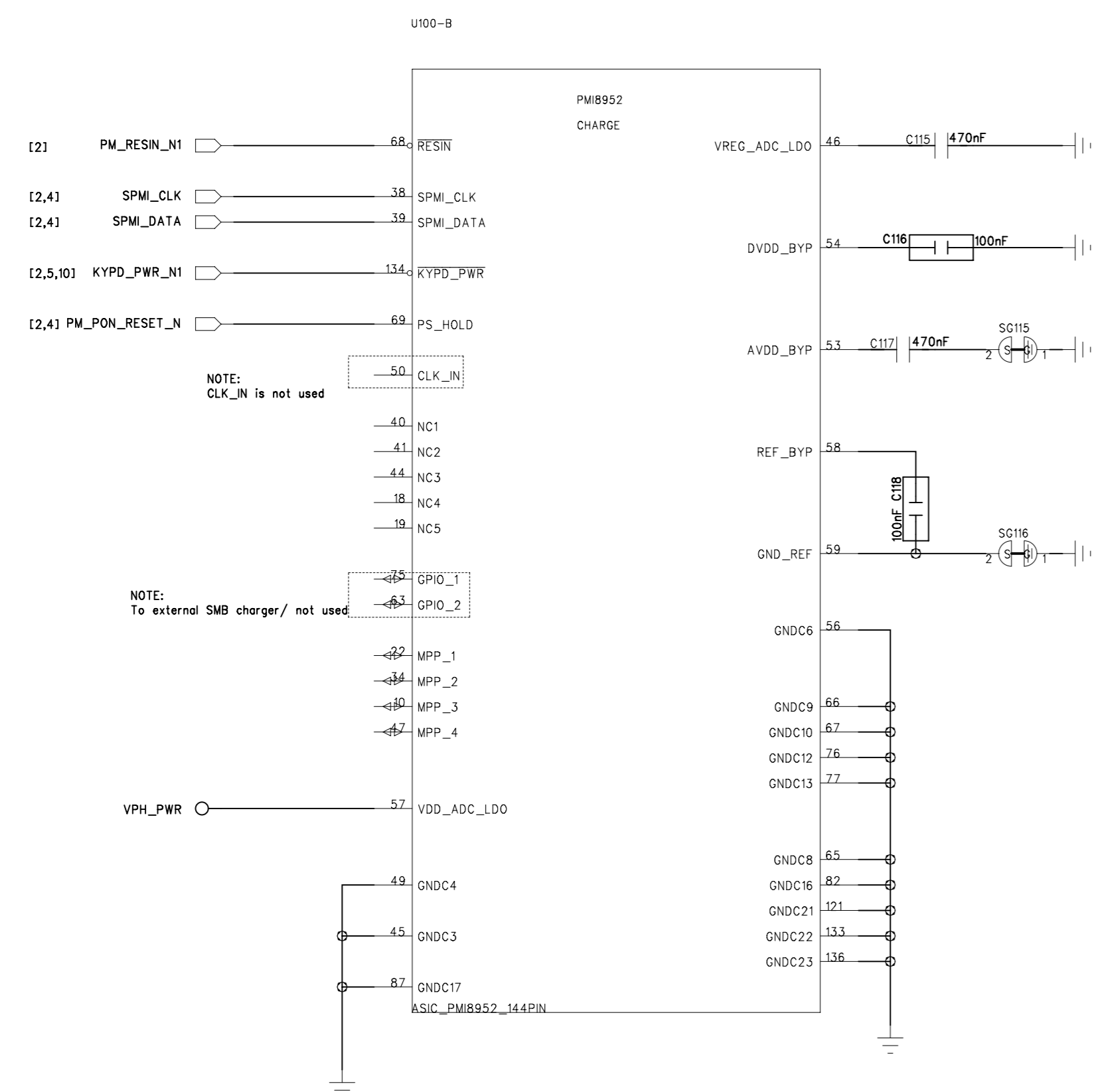
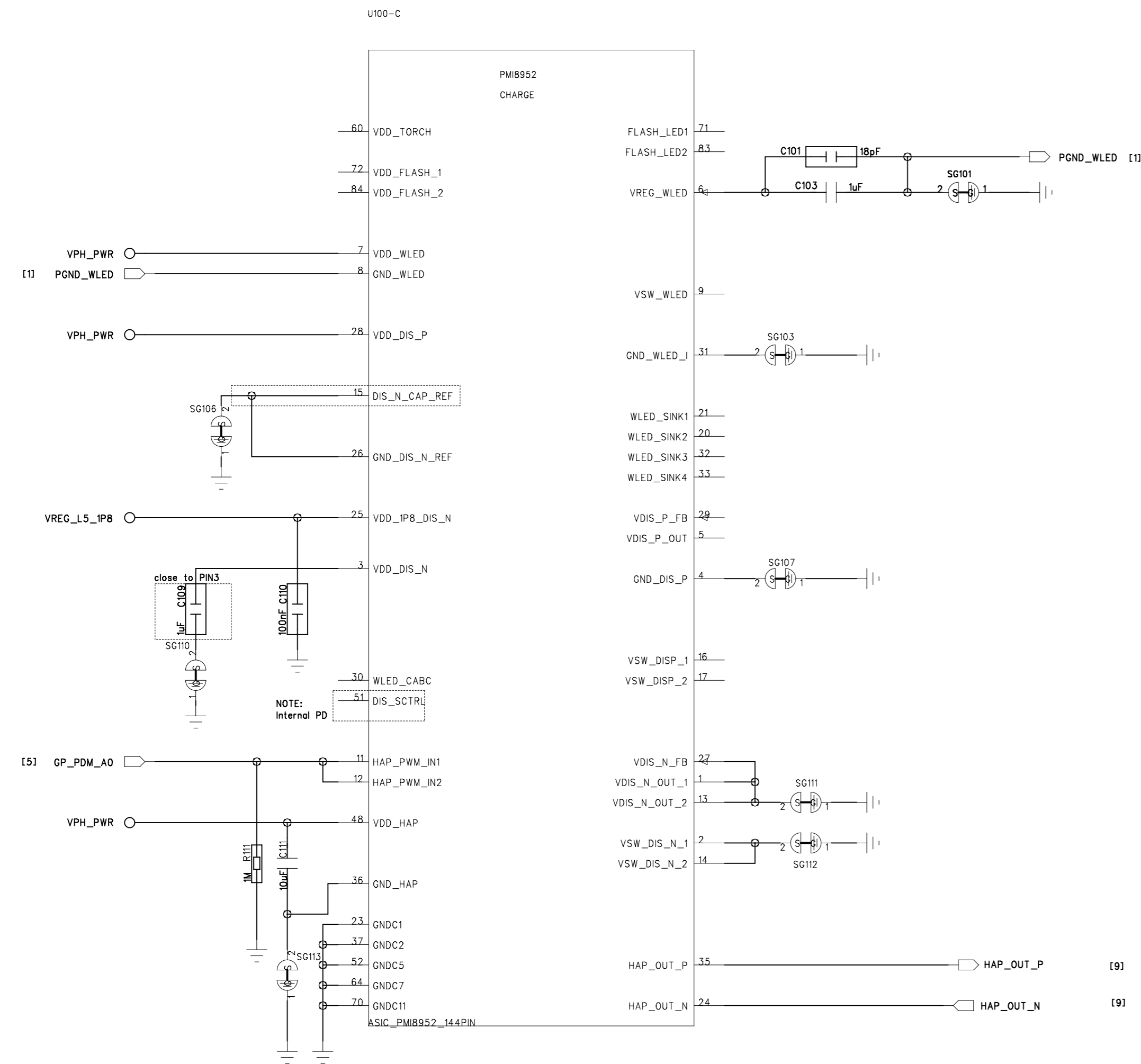


PMI8952 CONTROL

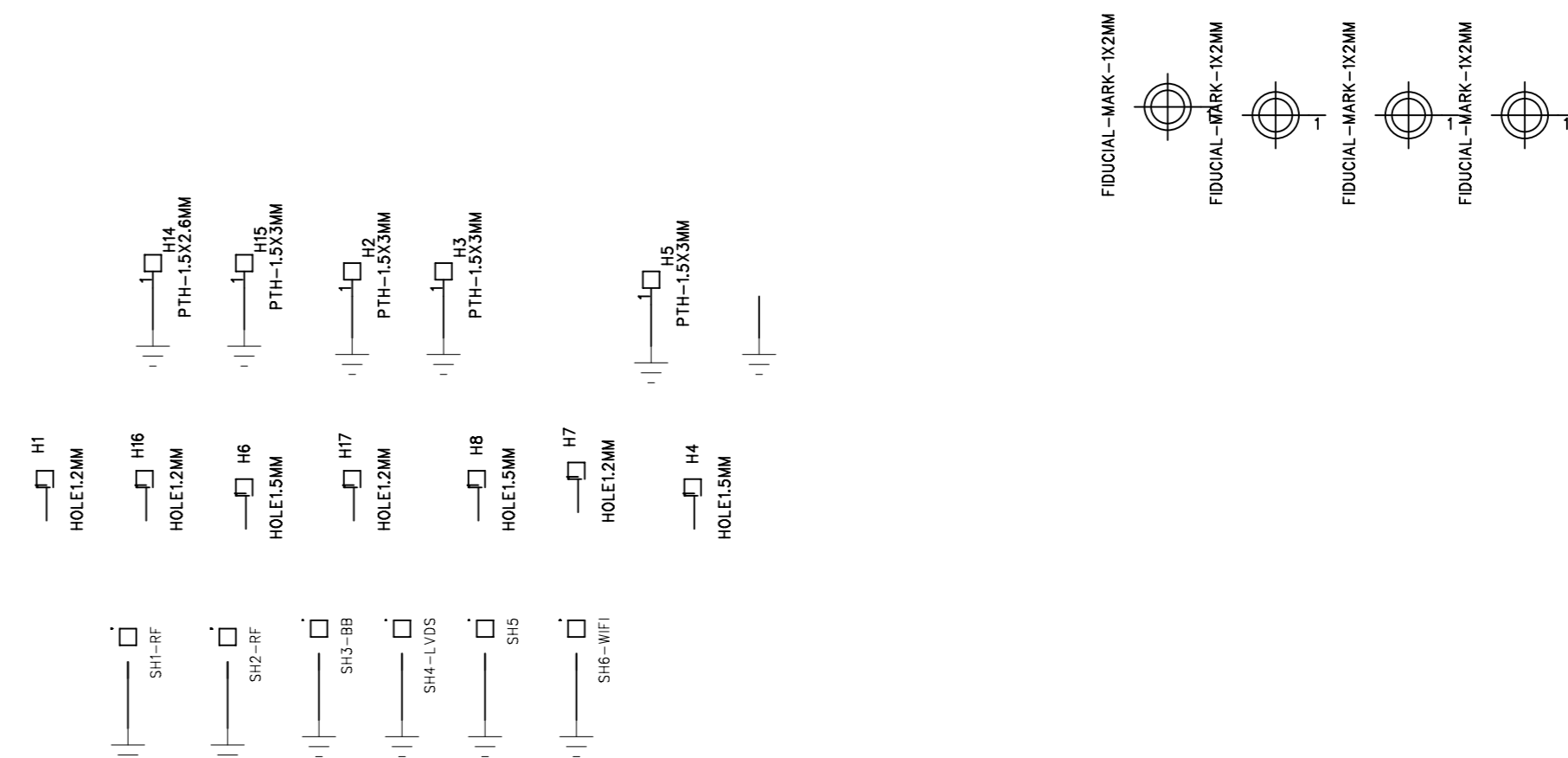
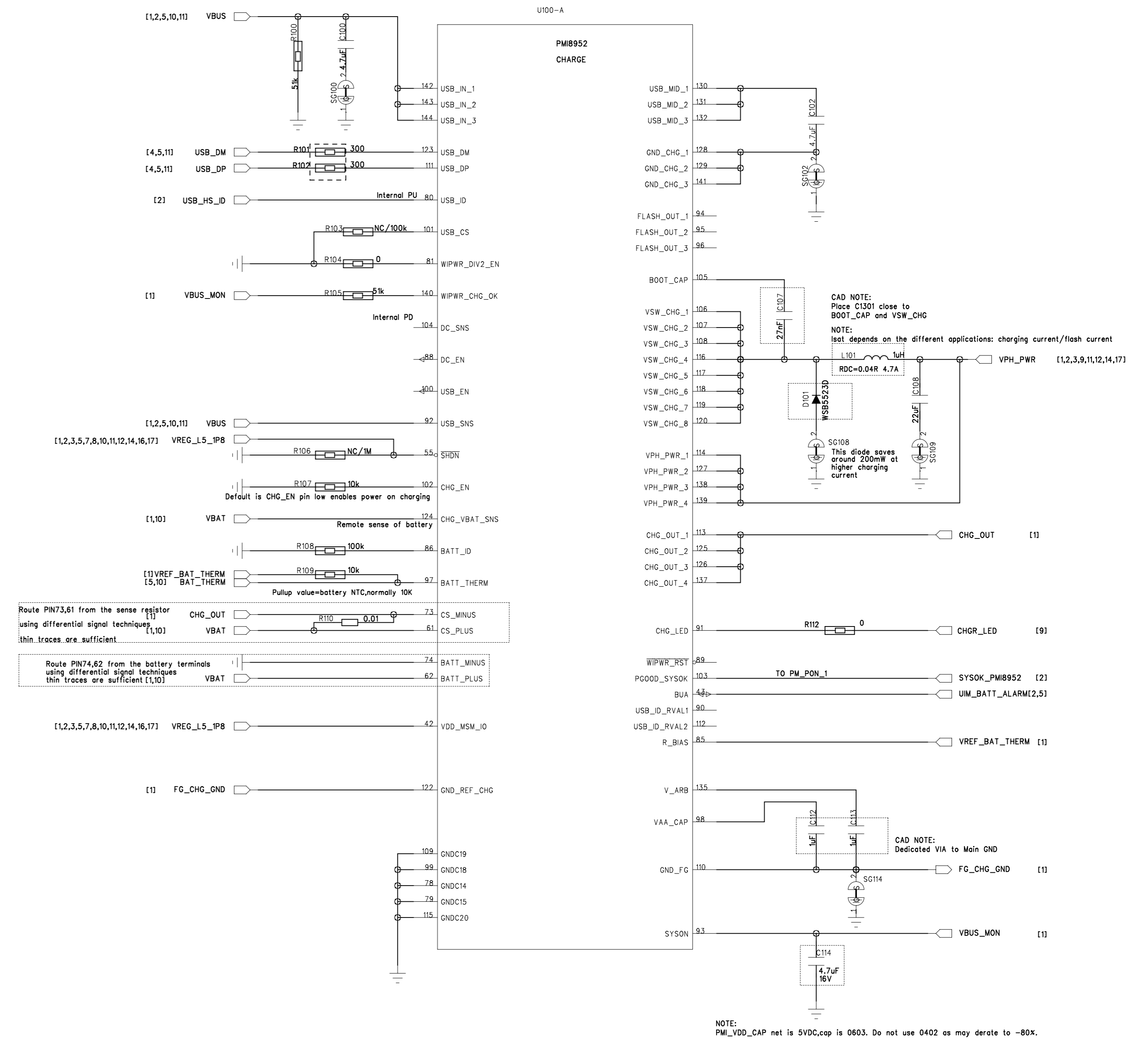


PIN	connection on device without Wipower	connection on device with Wipower
CHG_OK	Pull up to VDD_CAP with 5kohm	Stark PRU CHG_OK
DIV2_EN	Pull down to GND with 0ohm	Stark PRU DIV2_EN
GPIO2	No Connect	10kohm pull down to gnd

For parallel charging: Connects to SMB_EN pin
 Do NOT pull up to VDD_CAP

For parallel charging: Connects to SMB_EN pin
 Do NOT pull up to VDD_CAP

PMI8952 CHARGE

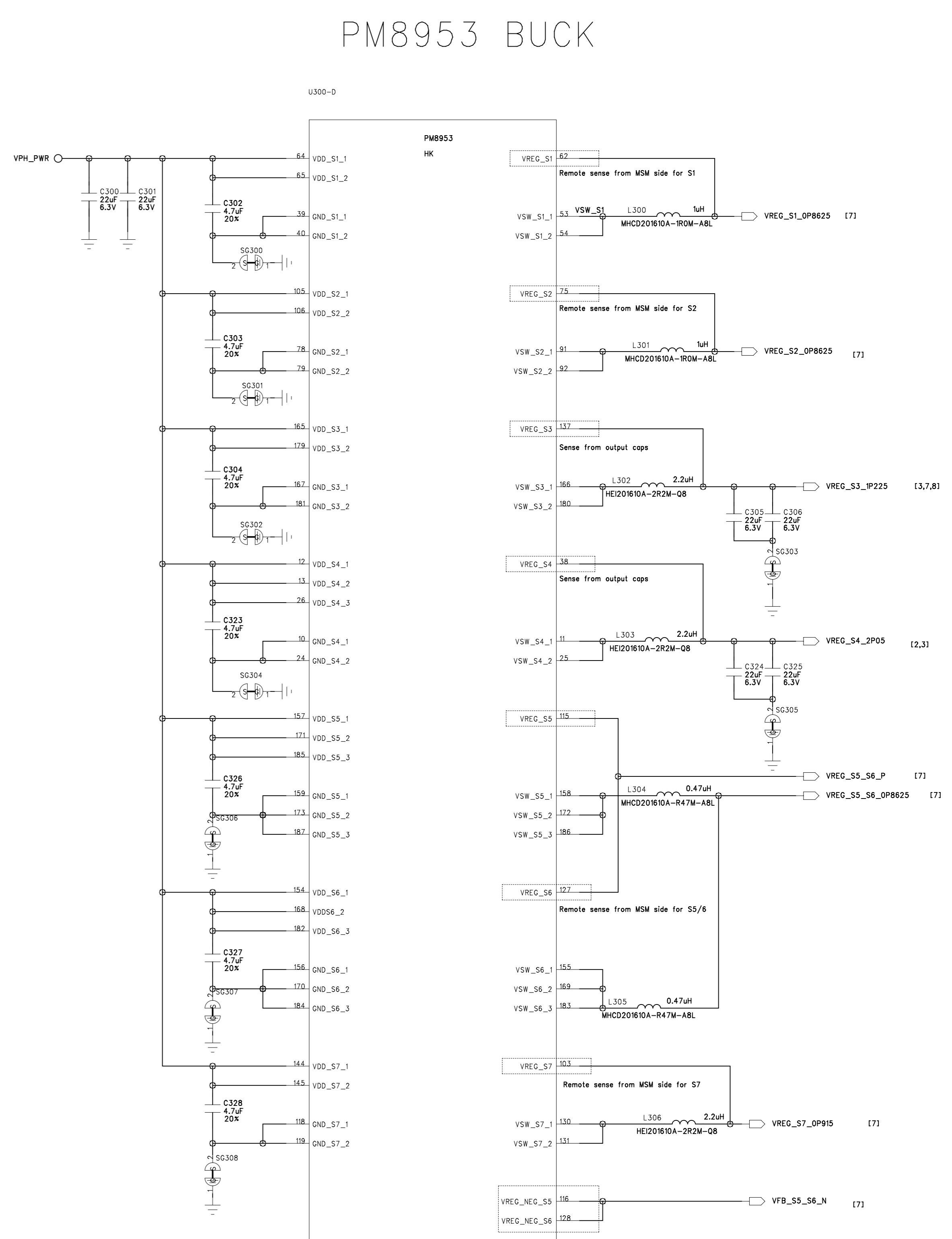
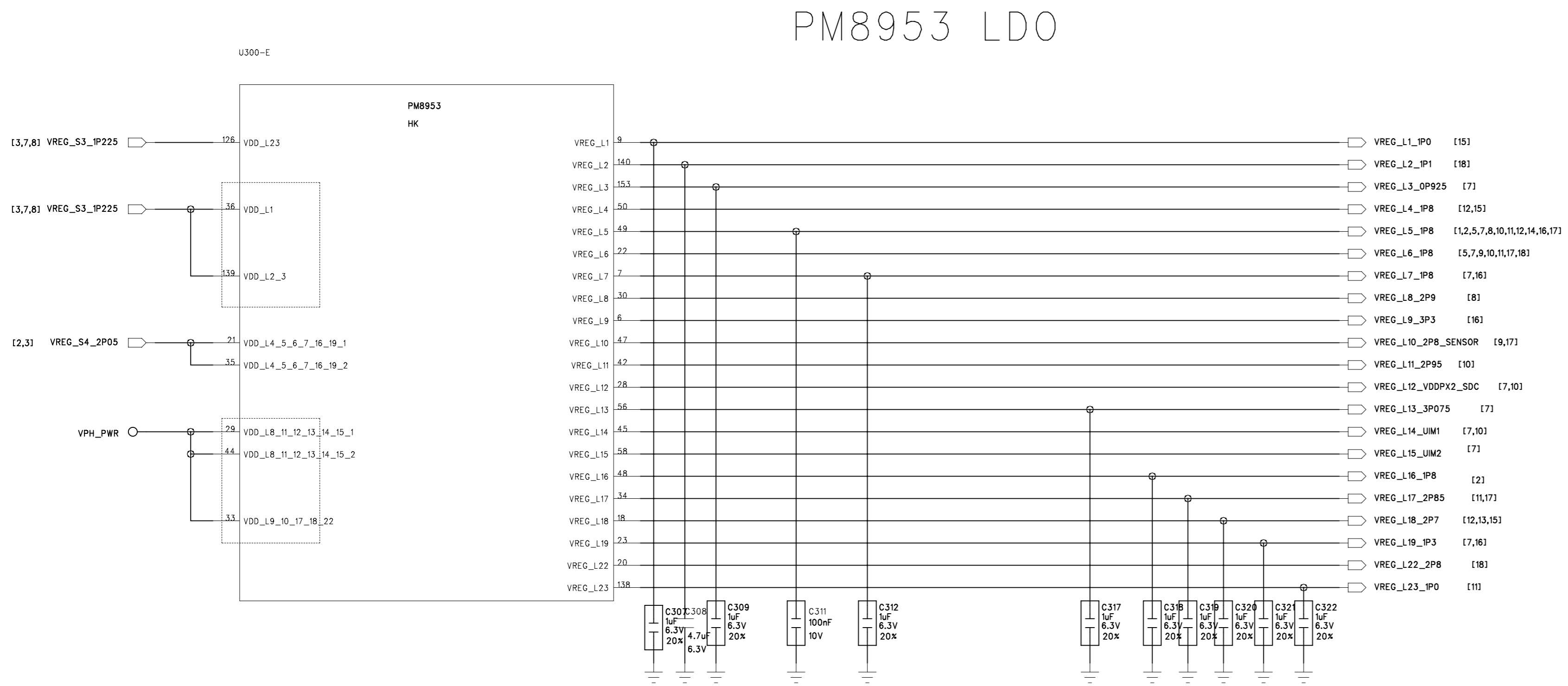


MODEL		VER.	
TITLE			
DRAWN		DATED	
CHECKED		SHEET	

D

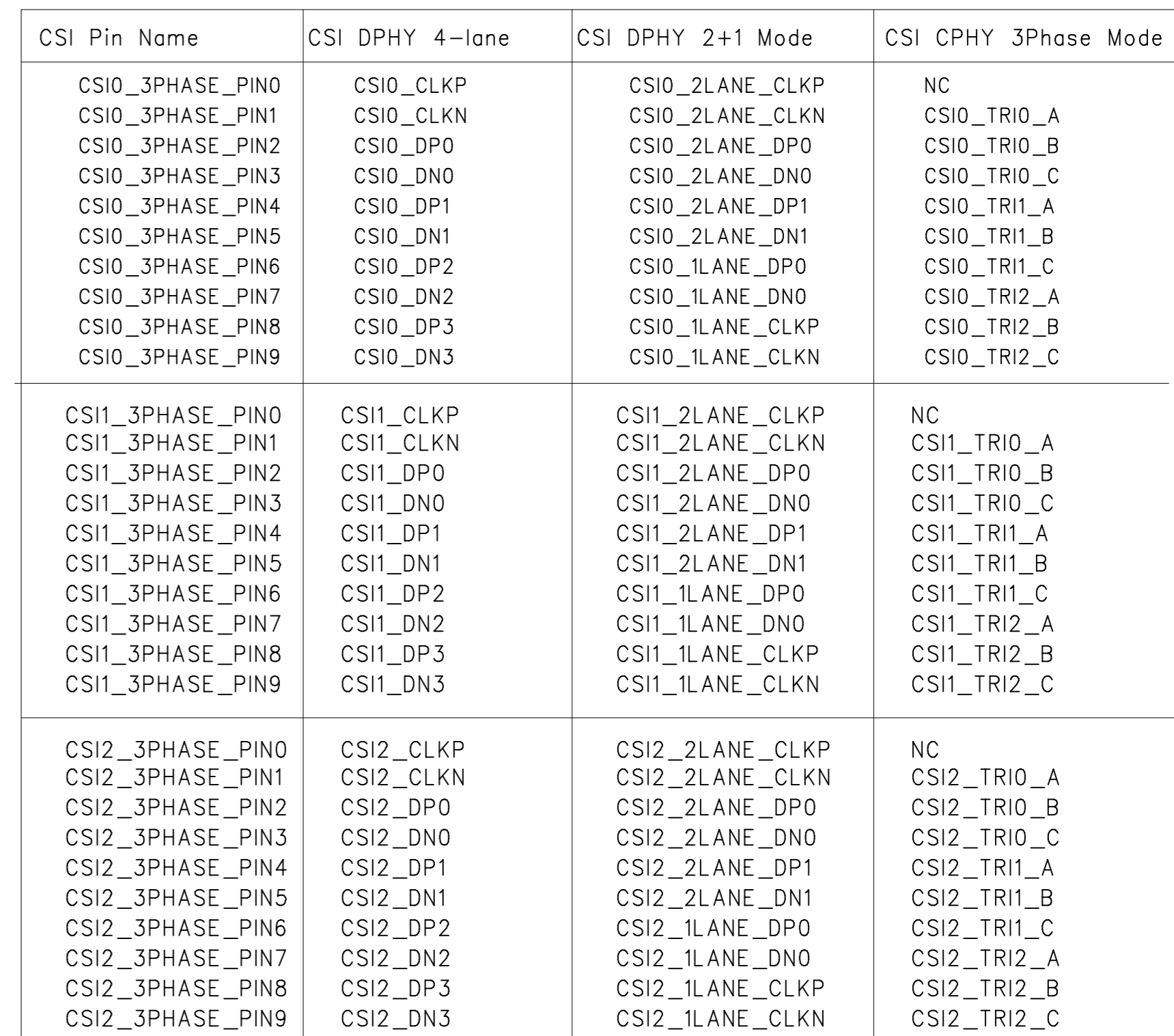


	DATED
	SHEET



MODEL		VER.	V1.00
TITLE			
DRAWN		DATED	
CHECKED		SHEET	

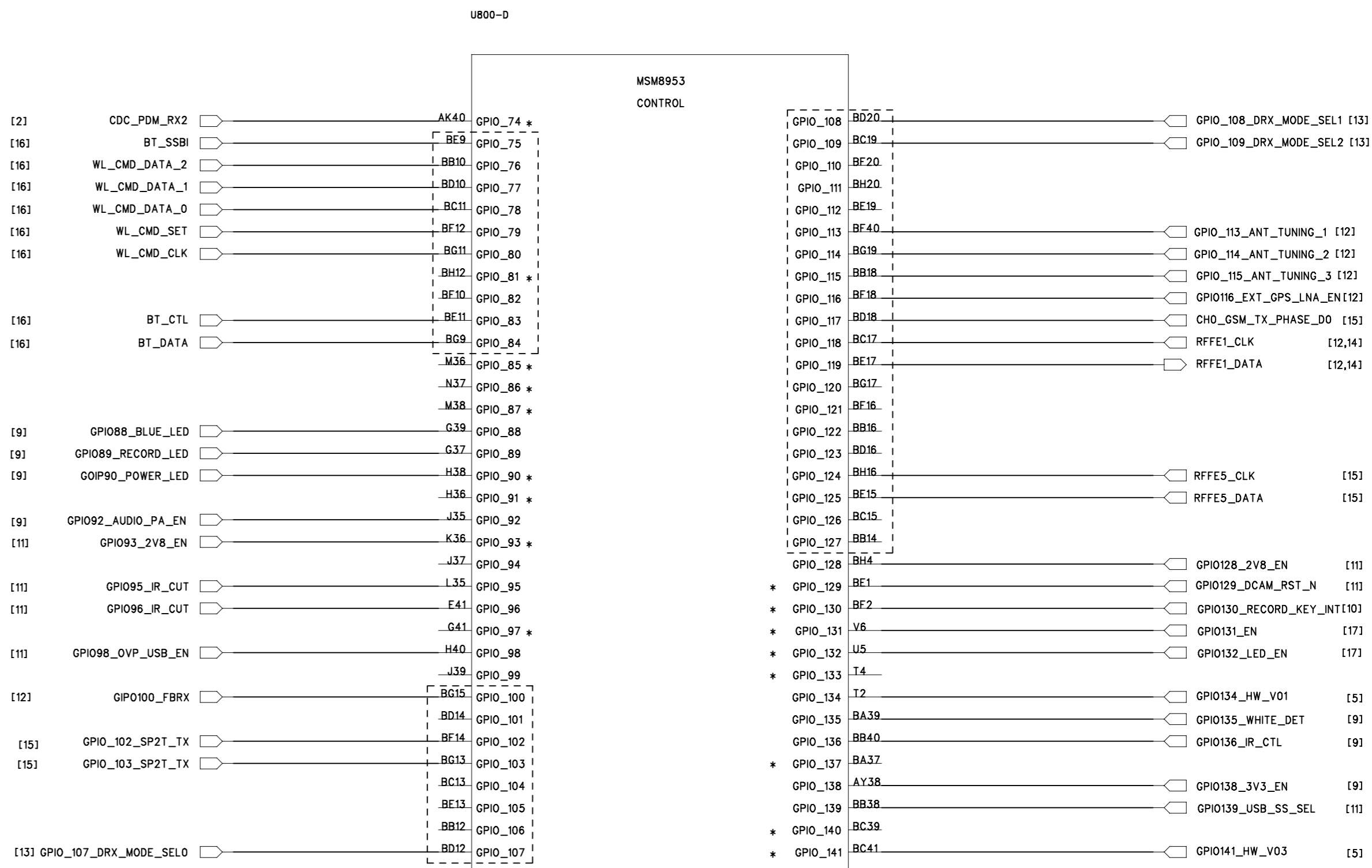
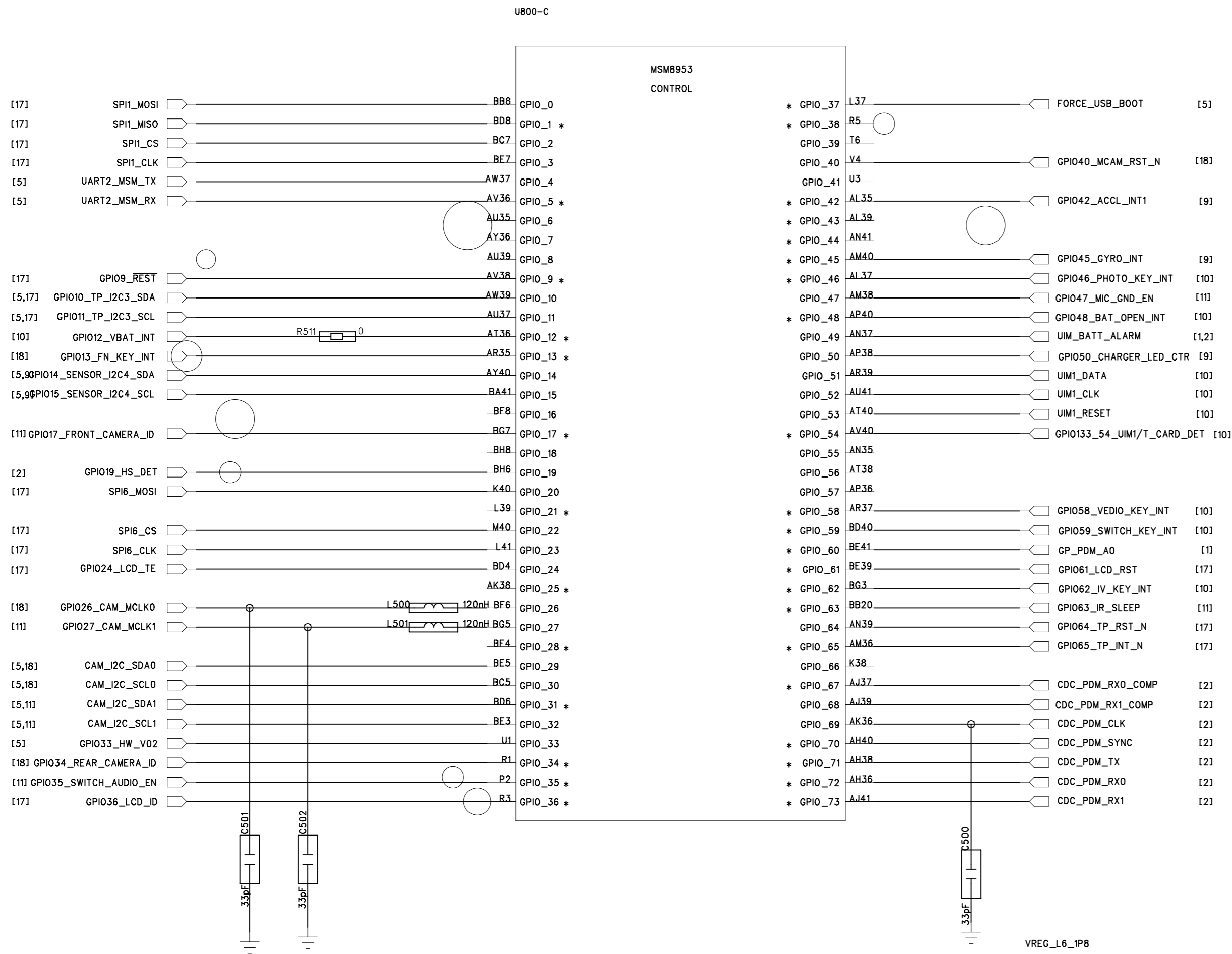
U800-M



MODEL		VER.	V1.00
TITLE			
DRAWN		DATED	
CHECKED		SHEET	

MSM8953_GPIO

NOTE:
Asterisks (*) indicate modem power management (MPM) wake-up pins

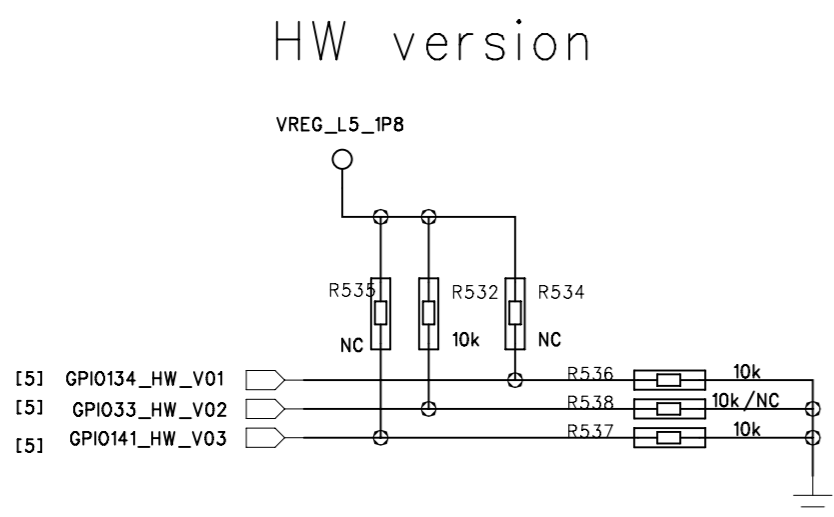
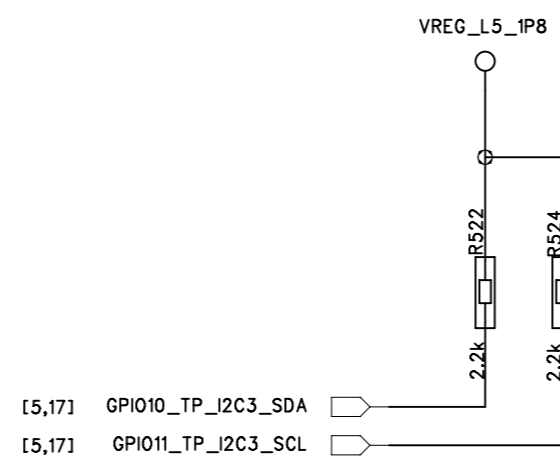
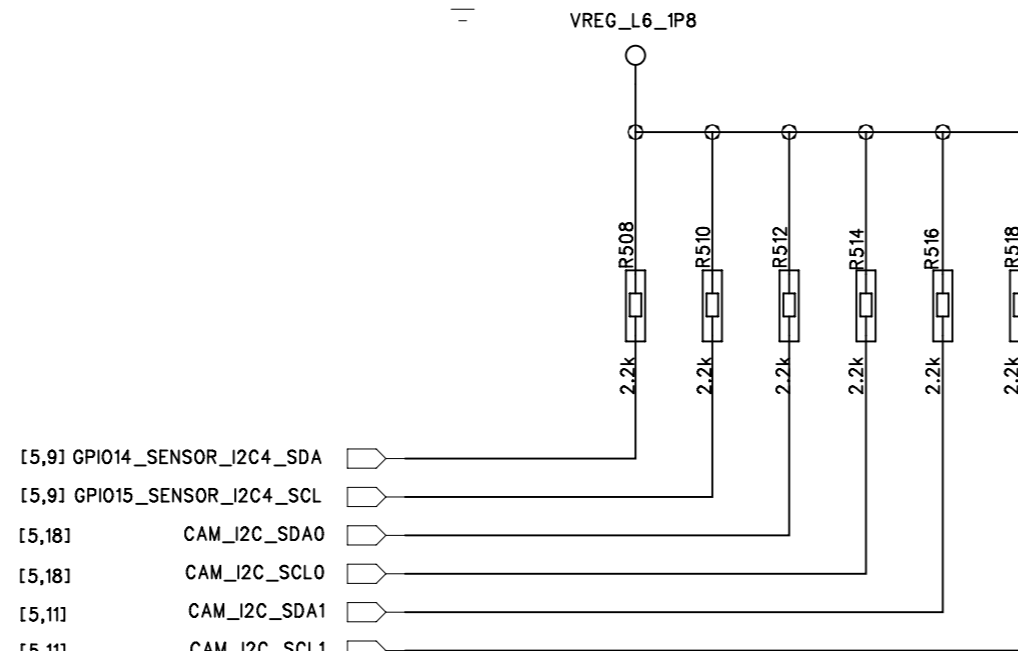


GPIO_35, GPIO_41, GPIO_104~114, GPIO_130, GPIO_132 are boot configure GPIO, please don't add pull-up resistor when no special requirement.

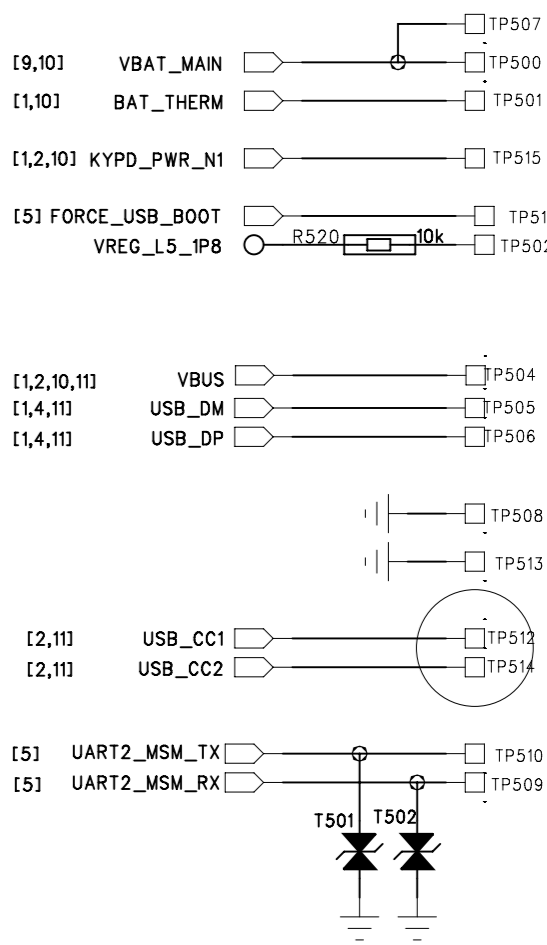
GPIO_37	FORCED_USB_BOOT
GPIO_106	WDG_DISABLE
GPIO_108	APPS_BOOT_FROM_ROM

BOOT_CONFIG(3:1)	BOOT_CONFIG
0b000	SDC1 -> SDC2 -> USB2.0
0b001	SDC2 -> SDC1-> USB2.0
0b010	SDC1-> USB2.0
0b011	USB2.0

Default Boot Config (0b000) is SDC1(eMMC)

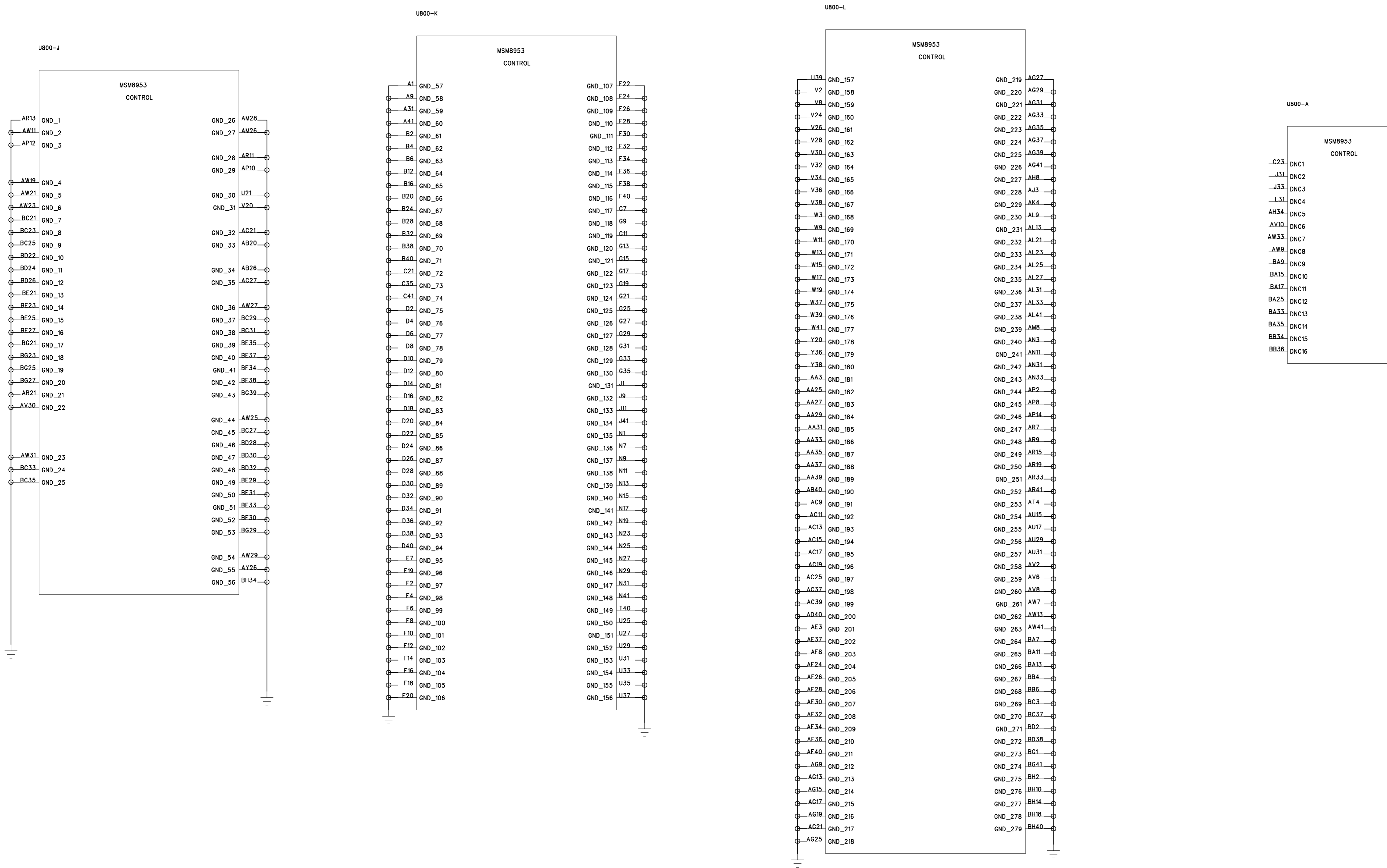


Pad name	Alternate functions
GPIO[0]	SPI1_MOSI
GPIO[1]	SPI1_MISO
GPIO[2]	SPI1_CS
GPIO[3]	SPI1_CLK
GPIO[4]	SPI2_MOSI
GPIO[5]	SPI2_MISO
GPIO[6]	SPI2_CS
GPIO[7]	SPI2_CLK
GPIO[8]	SPI3_MOSI
GPIO[9]	SPI3_MISO
GPIO[10]	SPI3_CS
GPIO[11]	SPI3_CLK
GPIO[12]	SPI4_MOSI
GPIO[13]	SPI4_MISO
GPIO[14]	SPI4_CS
GPIO[15]	SPI4_CLK
GPIO[16]	SPI5_MOSI
GPIO[17]	SPI5_MISO
GPIO[18]	SPI5_CS
GPIO[19]	SPI5_CLK
GPIO[20]	SPI6_MOSI
GPIO[21]	SPI6_MISO
GPIO[22]	SPI6_CS
GPIO[23]	SPI6_CLK
GPIO_137	SPI7_MOSI
GPIO_138	SPI7_MISO
GPIO_139	SPI7_CS
GPIO_140	SPI7_CLK
GPIO_141	SPI8_MOSI
GPIO_142	SPI8_MISO
GPIO_143	SPI8_CS
GPIO_144	SPI8_CLK



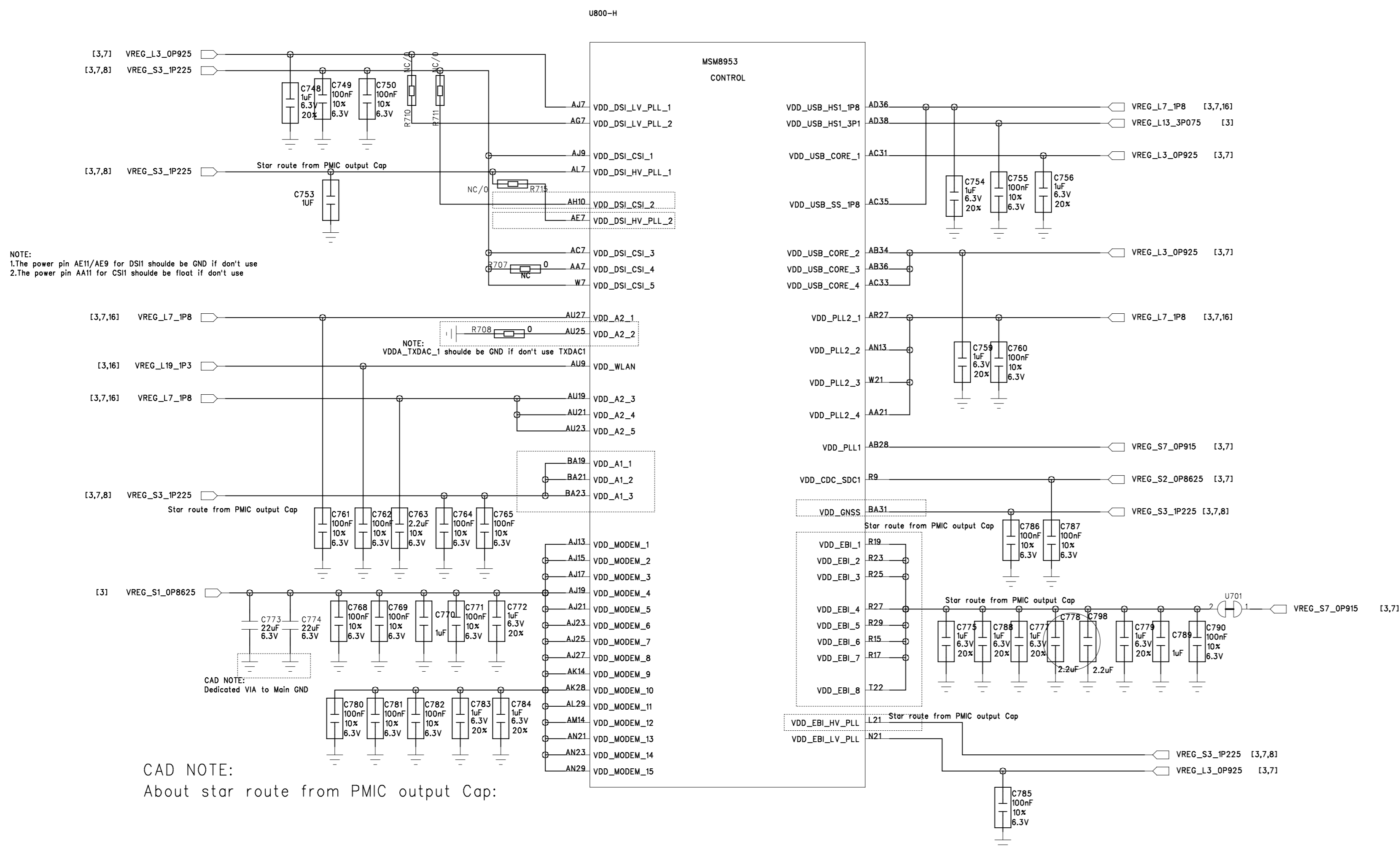
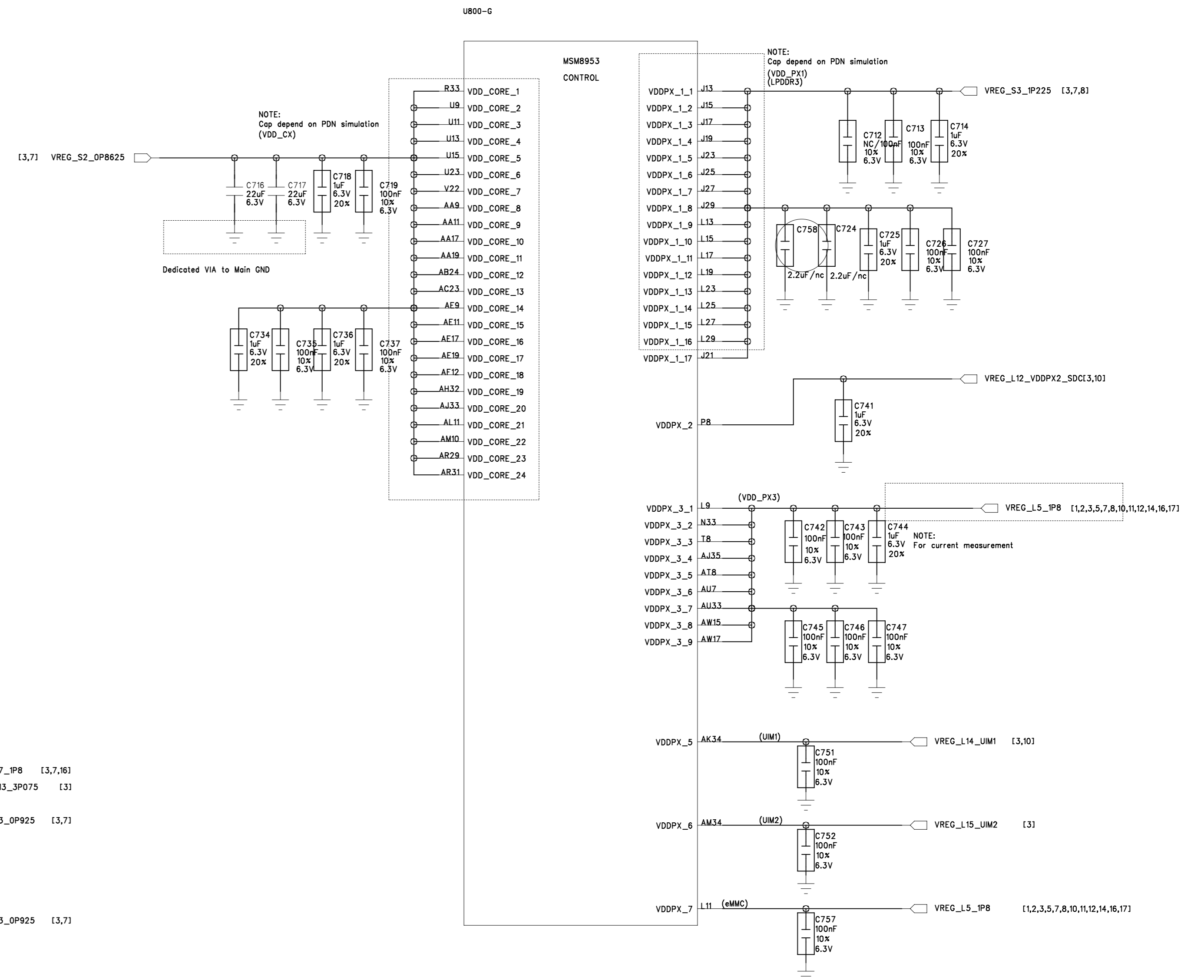
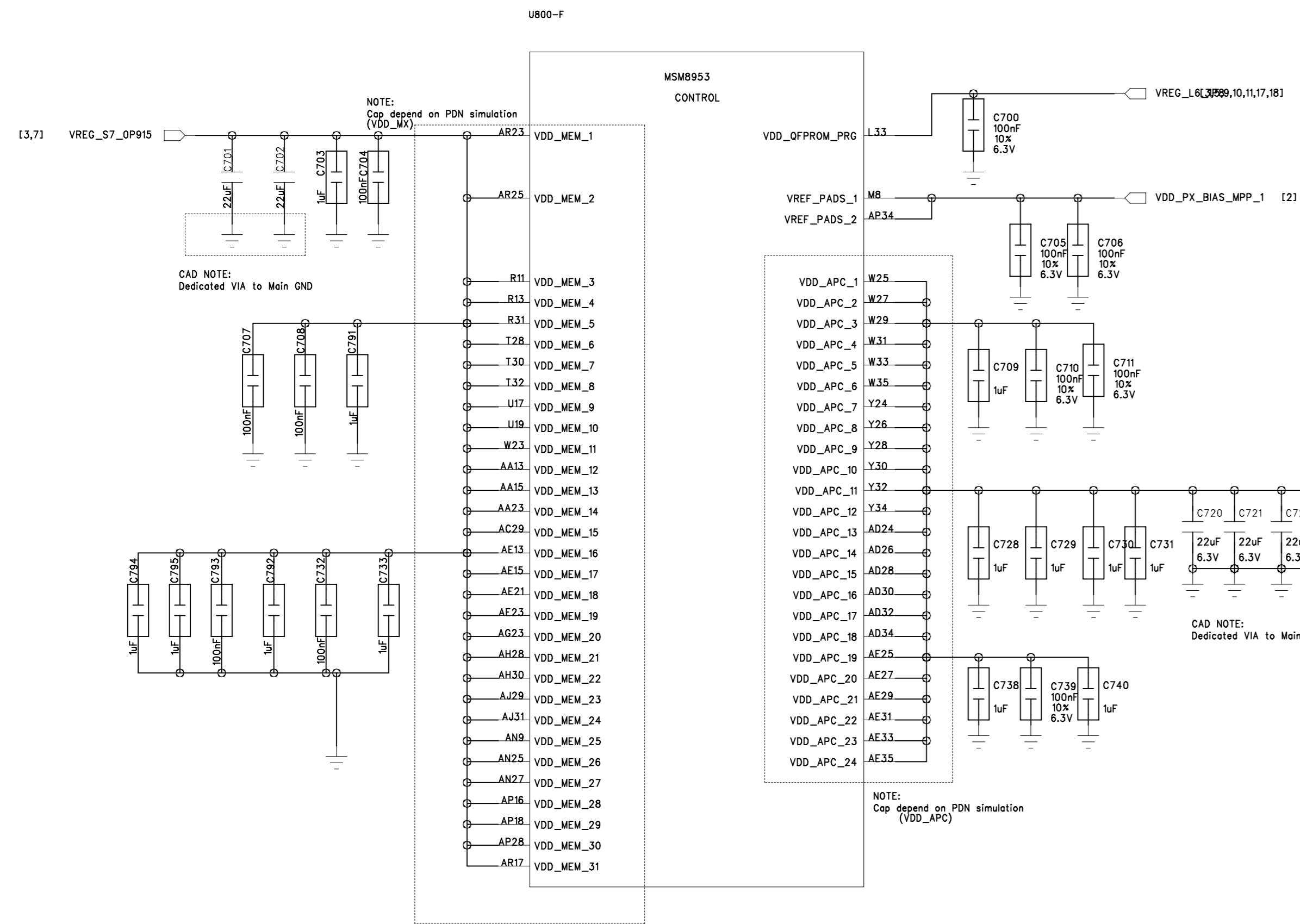
MODEL		VER.	V1.00
TITLE			
DRAWN		DATED	
CHECKED		SHEET	

MSM8953_GND



MODEL		VER.	V1.00
TITLE			
DRAWN		DATED	
CHECKED		SHEET	

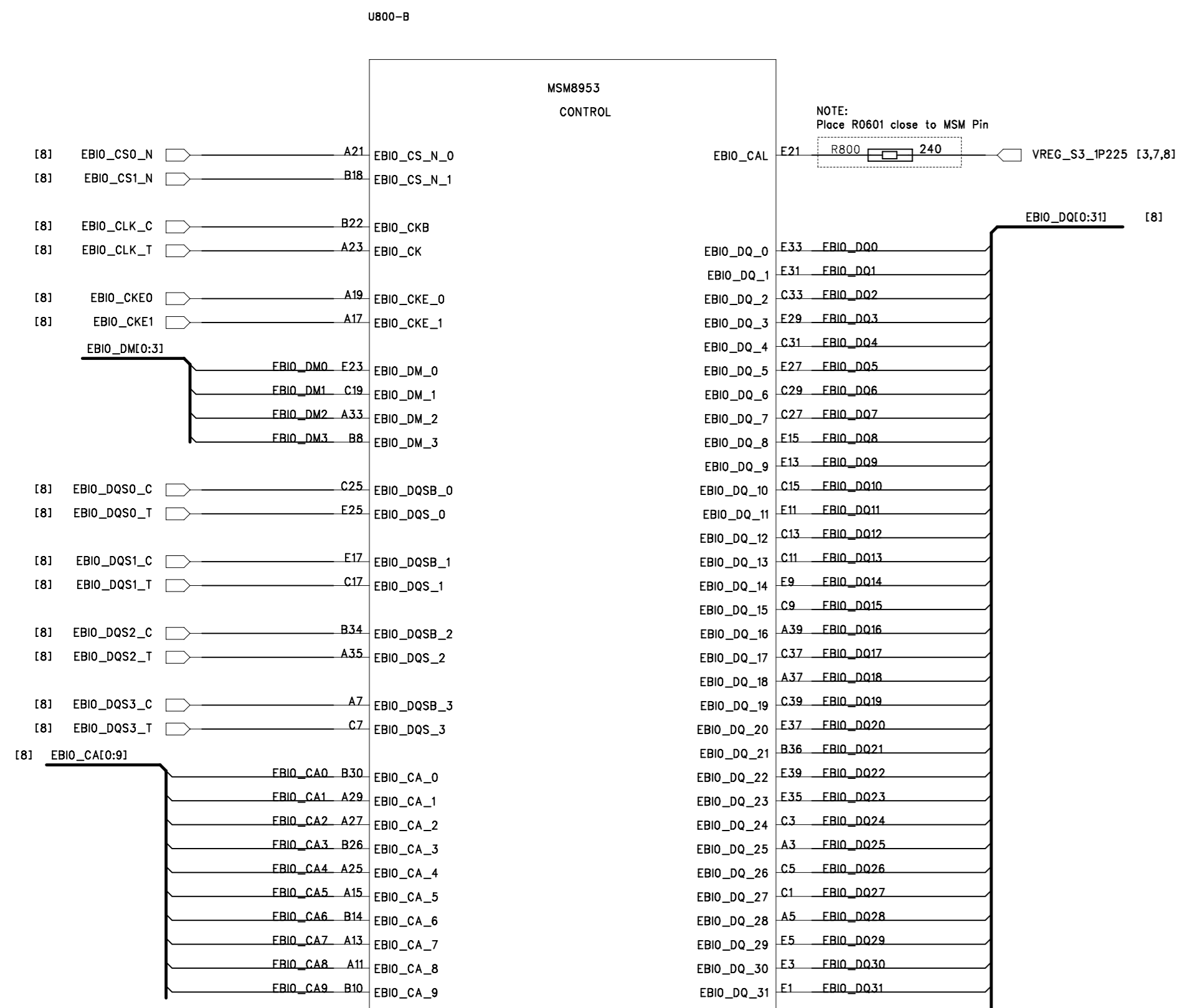
MSM8953_POWER



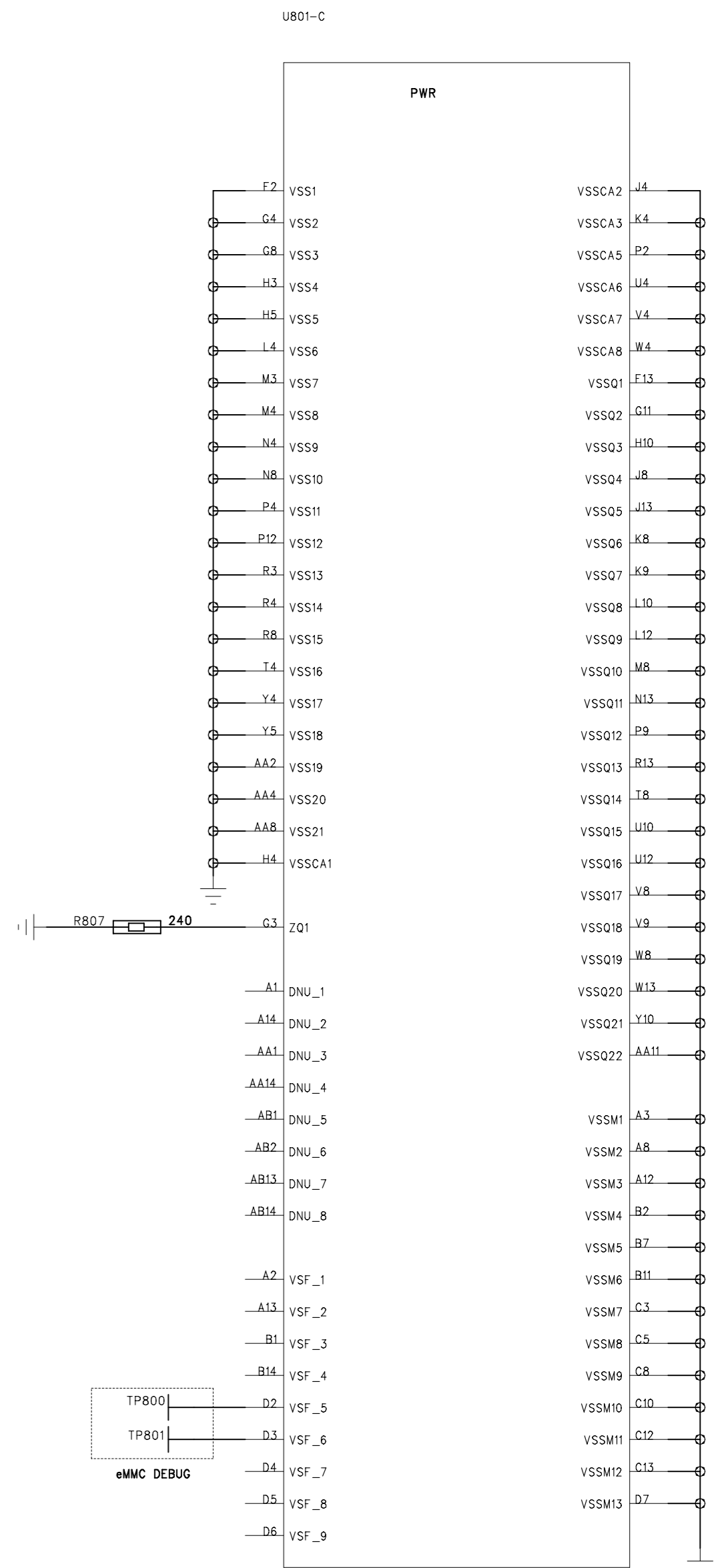
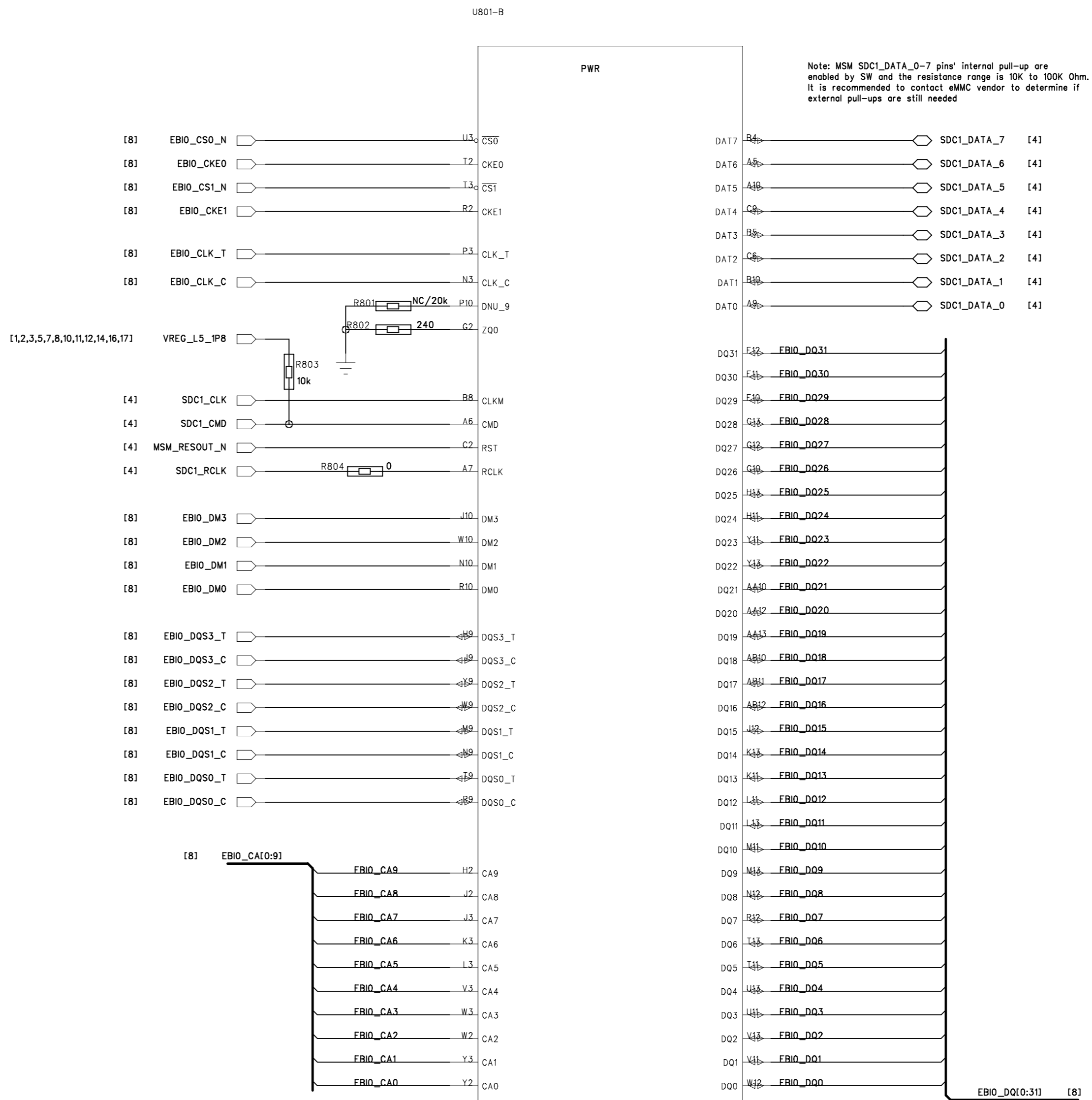
CAD NOTE:
About star route from PMIC output Cap:

MODEL		VER.	V1.00
TITLE			
DRAWN		DATED	
CHECKED		SHEET	

MSM8953_EBI

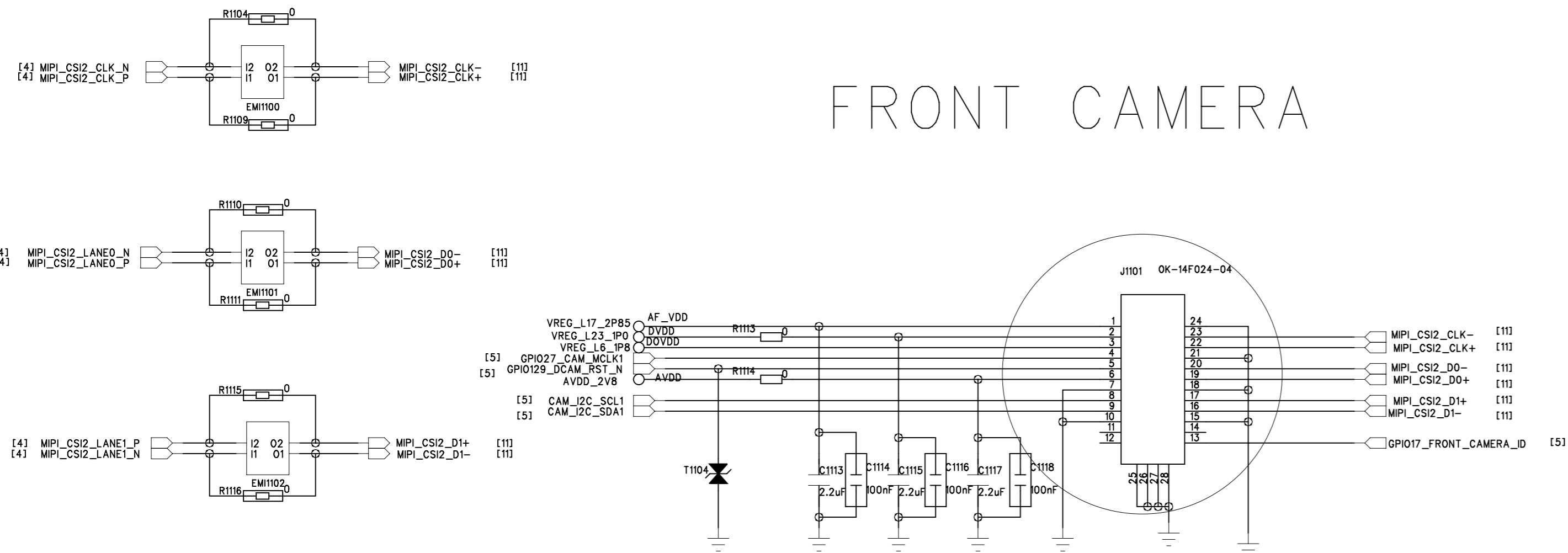
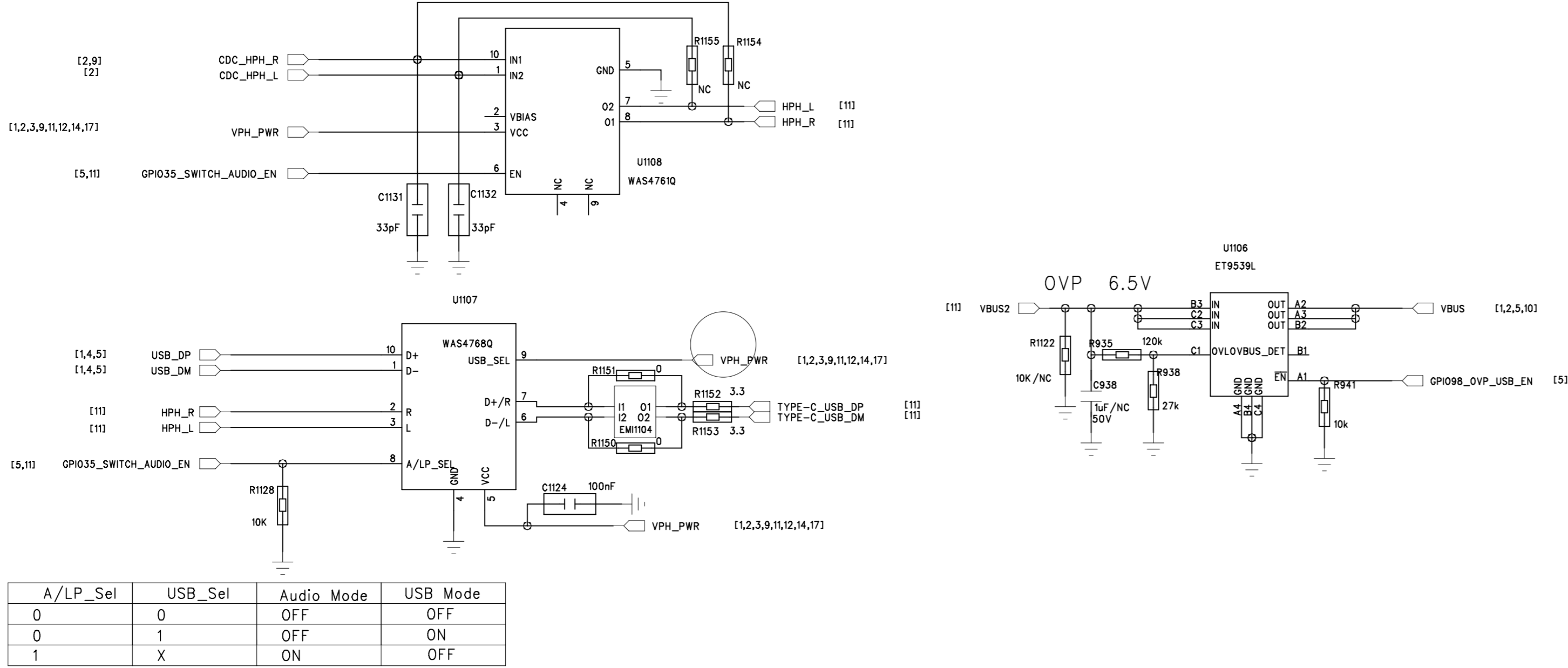


MEMORY:LPDDR3+EMMC

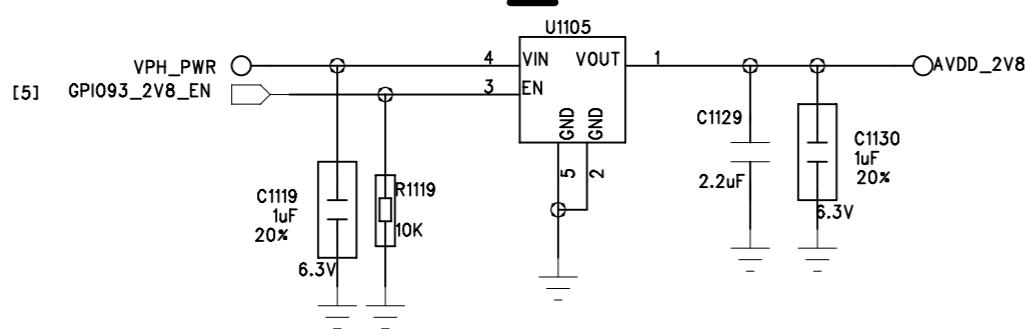


MODEL		VER.	V1.00
TITLE			
DRAWN		DATED	
CHECKED		SHEET	4

TYPE-C AUDIO JACK

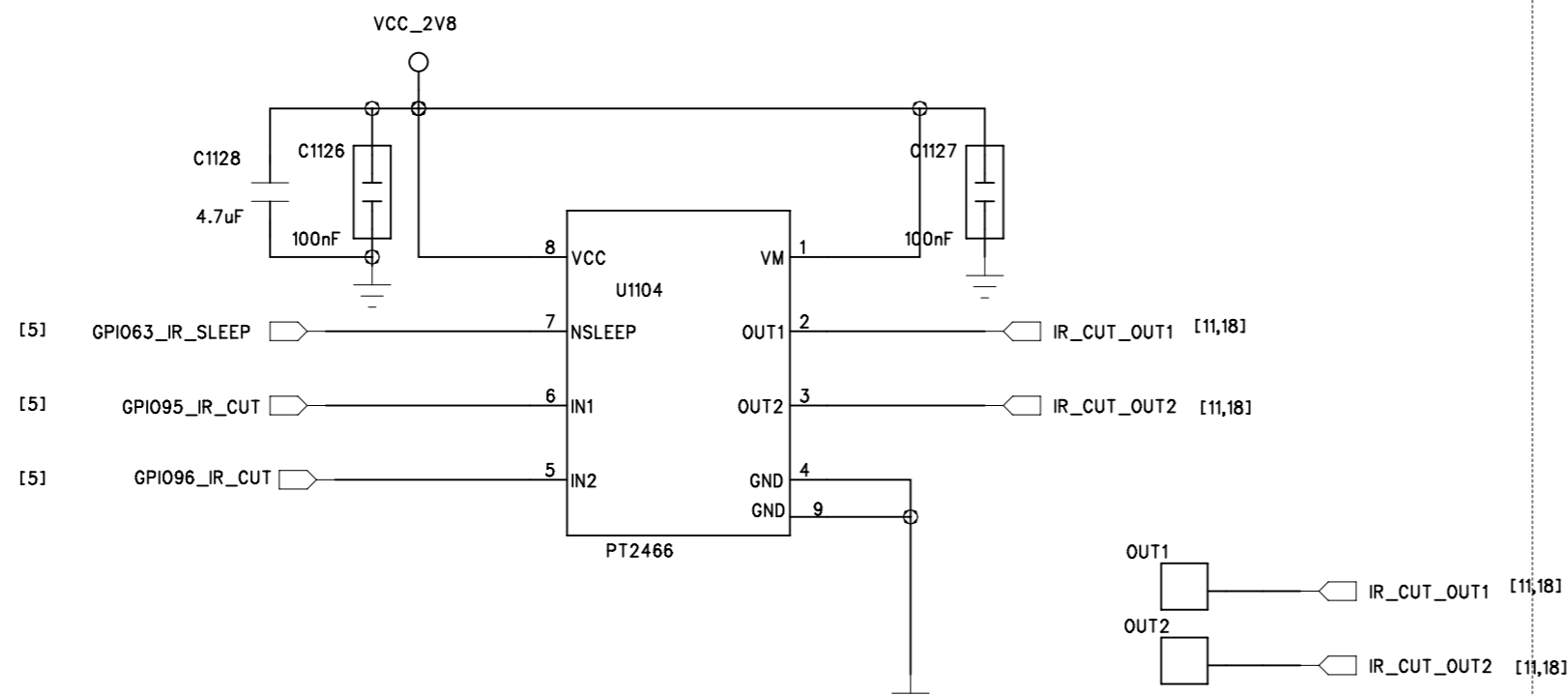
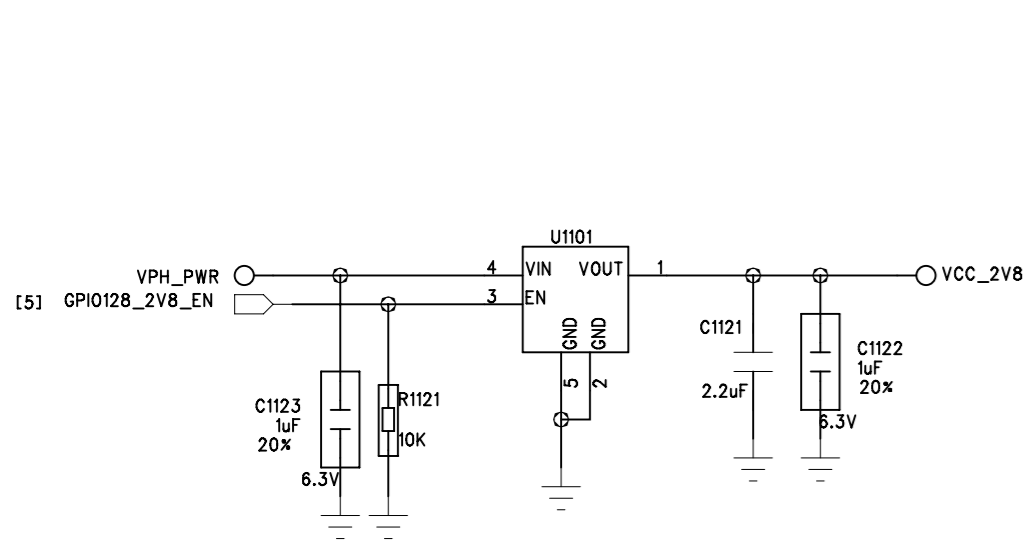


LDO_2V8

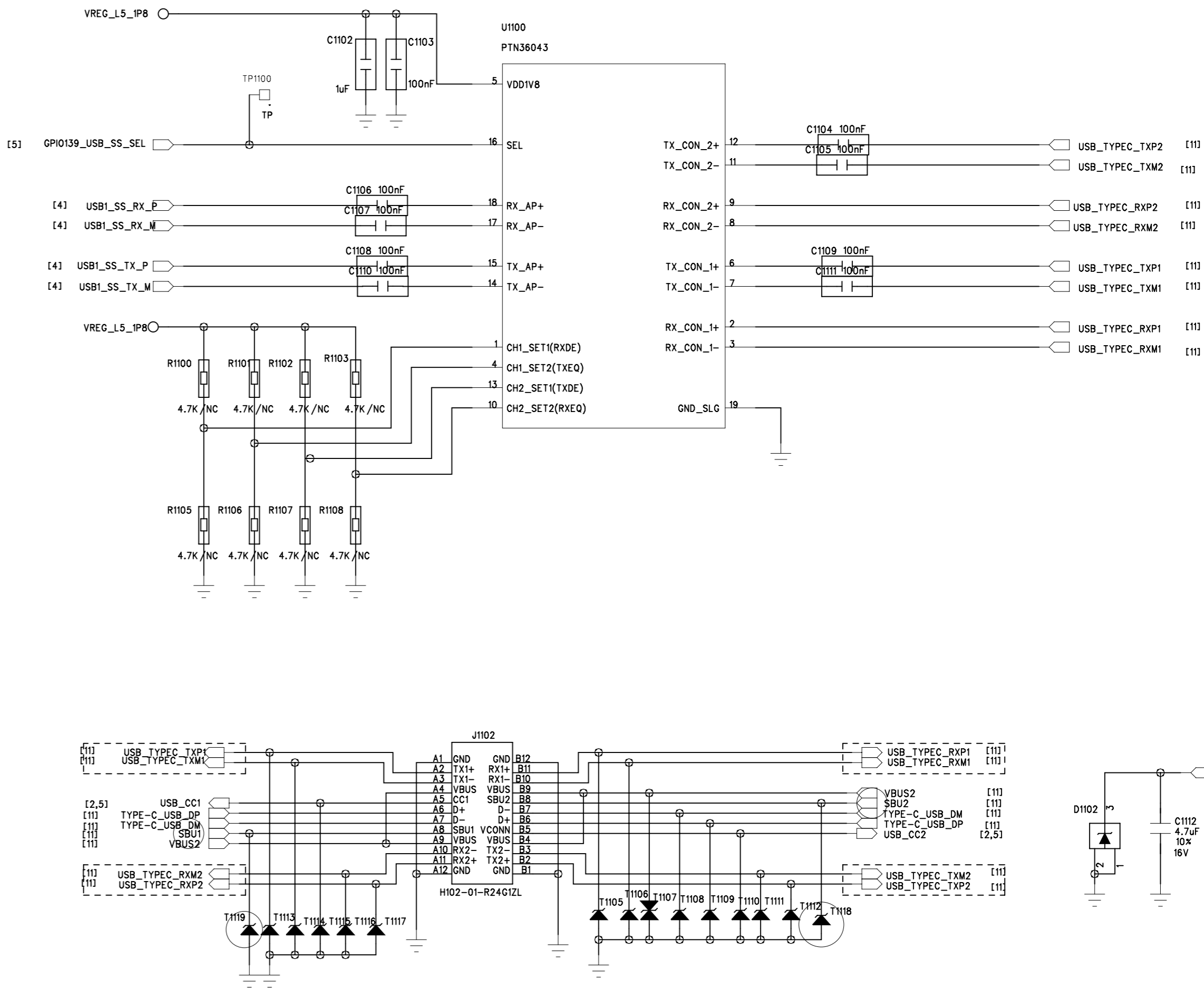


IR_CUT

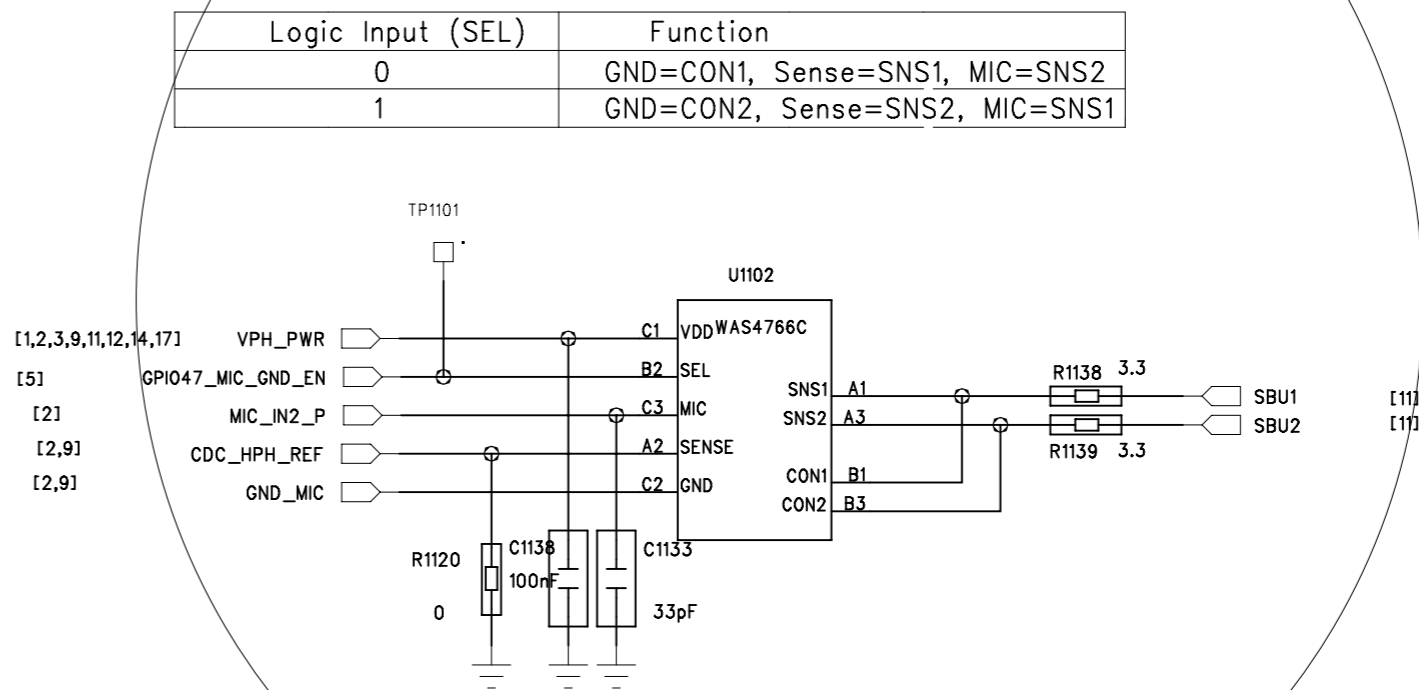
LDO_2V8



Type-C USB Connector



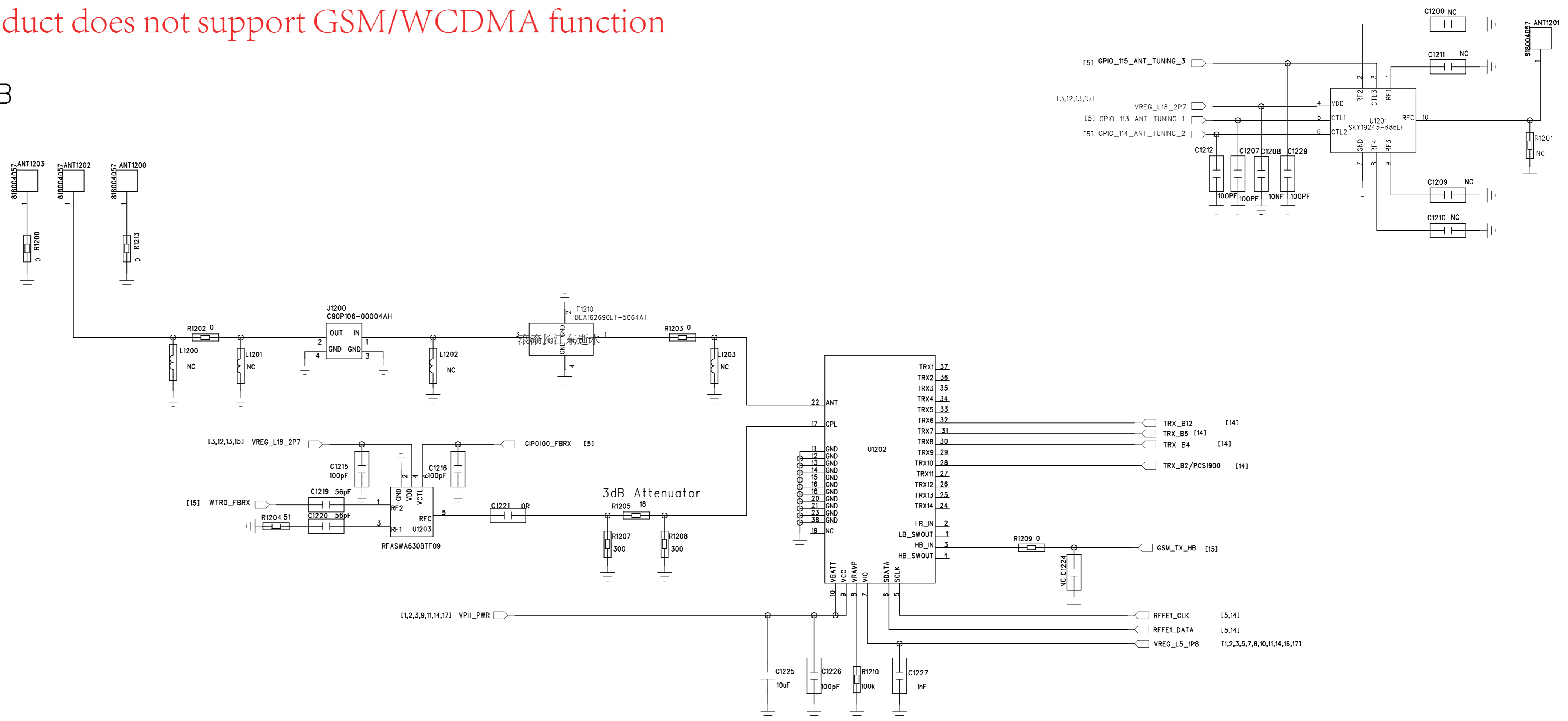
TYPE-C AUDIO



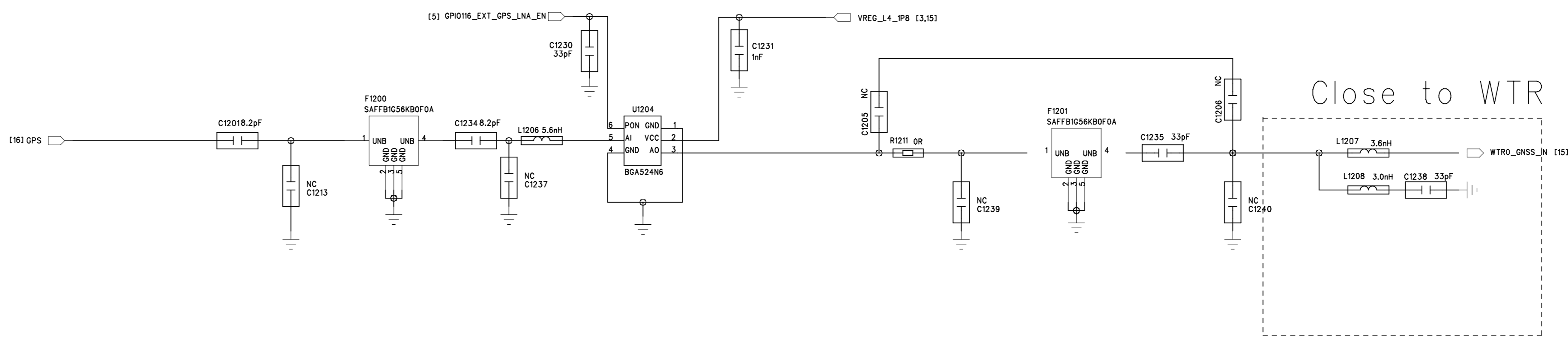
MODEL		VER.	
TITLE			
DRAWN		DATED	
CHECKED		SHEET	

GSM_B2/B5
WCDMA Band2/5
FDD_B2/4/5/7/8/10/27/28AB
TDD_B38

This product does not support GSM/WCDMA function

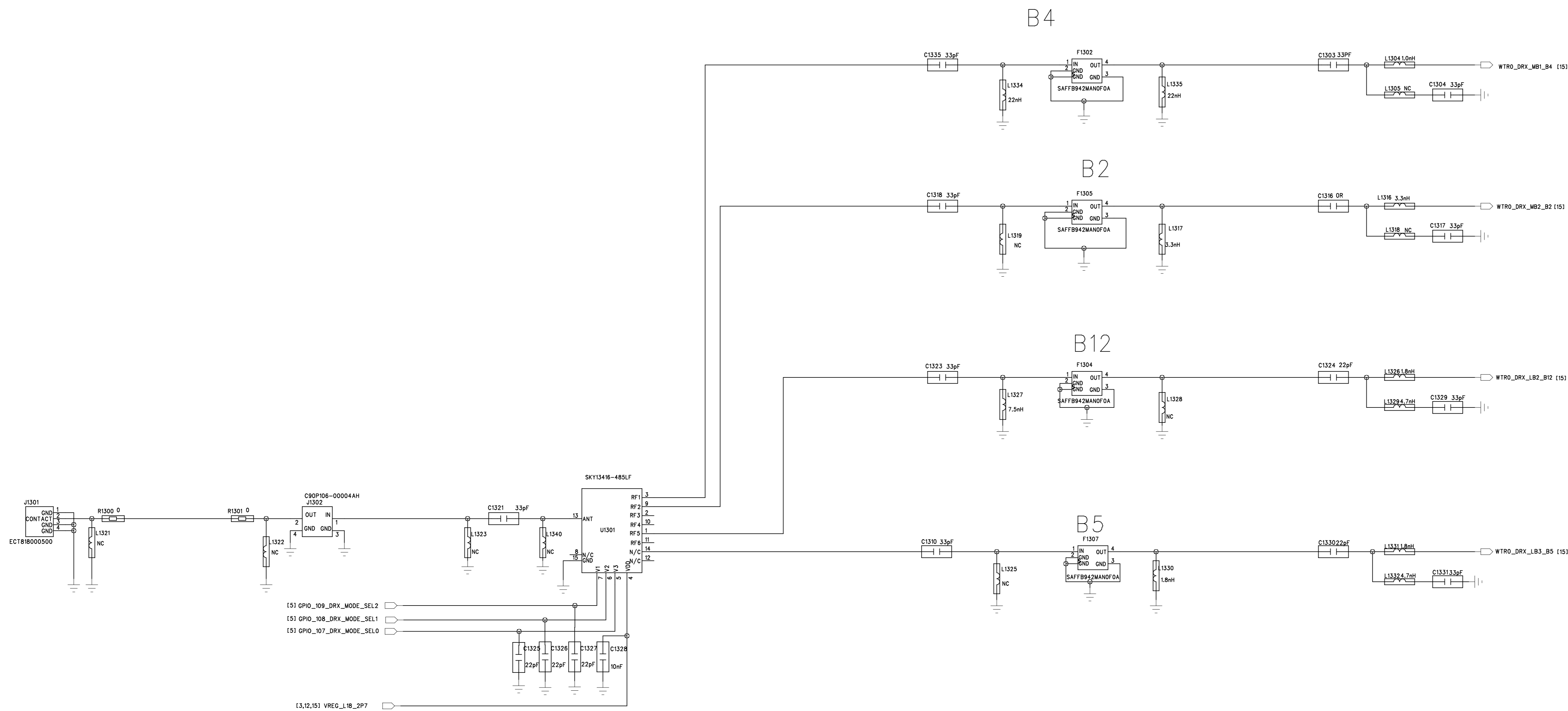


GPS

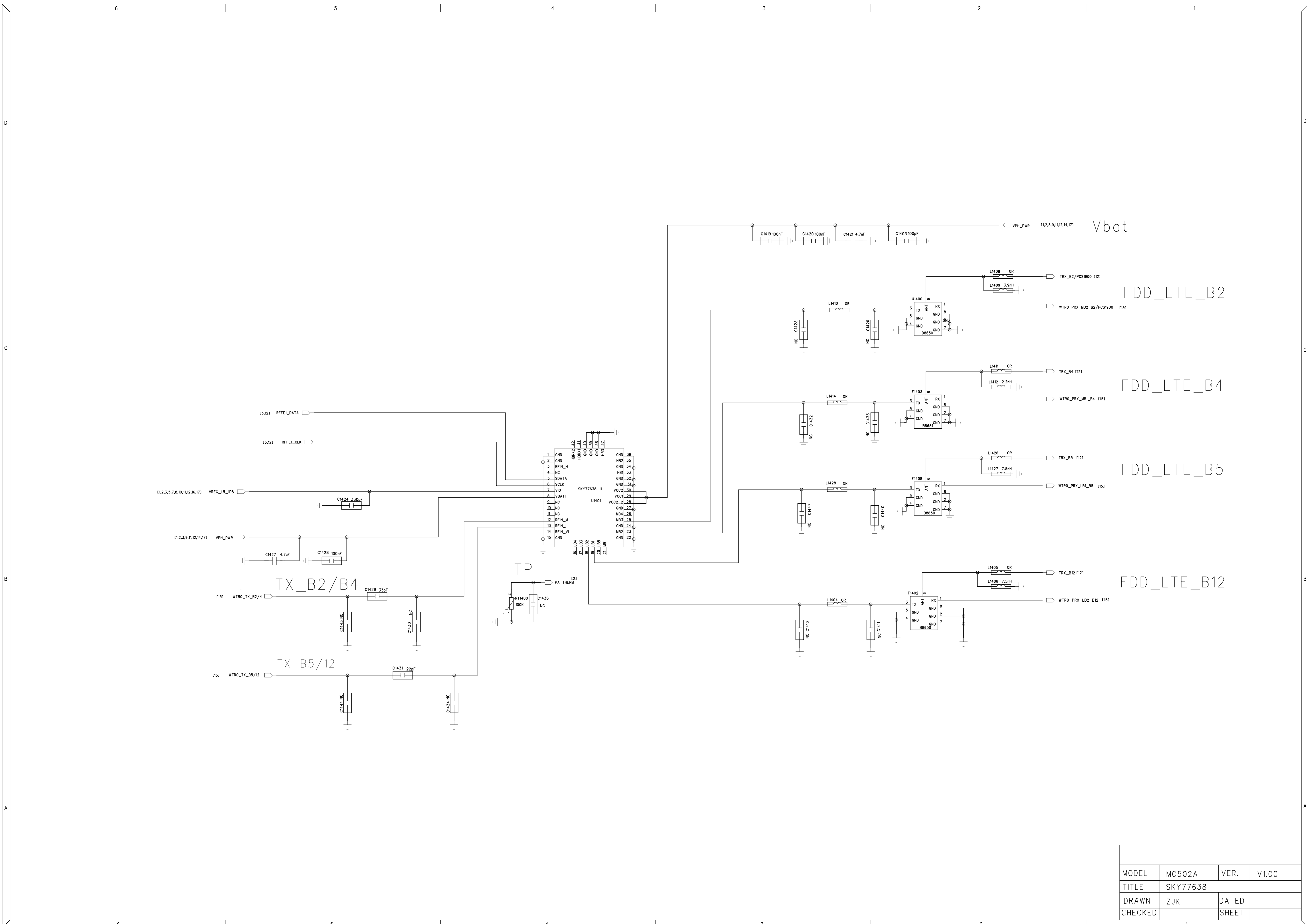


MODEL	MC502A	VER.	V1.00
TITLE	MAIN_ANT_GPS		
DRAWN	ZJK	DATED	
CHECKED		SHEET	

LTE Div

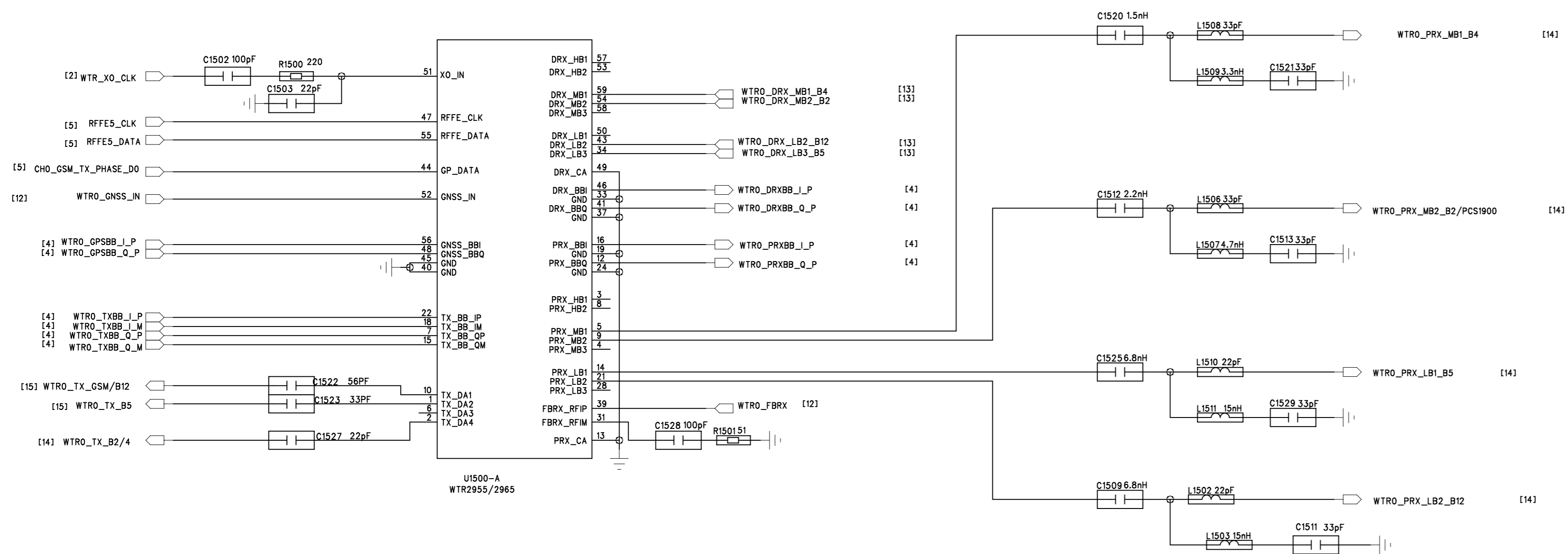


MODEL	MC502A	VER.	V1.00
TITLE	DIV_ANT		
DRAWN	ZJK	DATED	
CHECKED		SHEET	

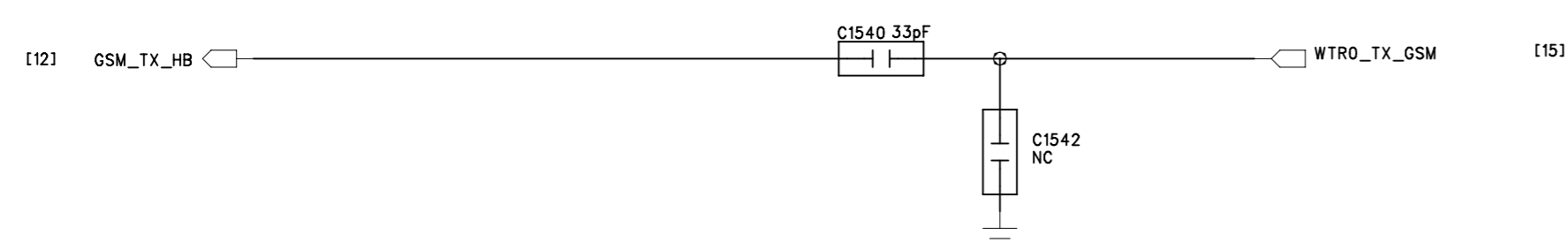


MODEL	MC502A	VER.	V1.00
TITLE	SKY77638		
DRAWN	ZJK	DATED	
CHECKED		SHEET	

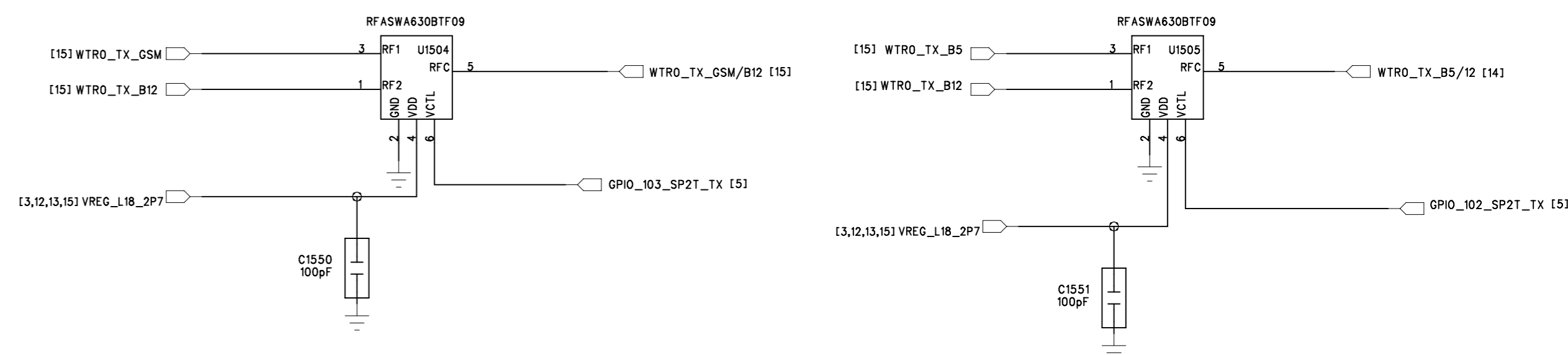
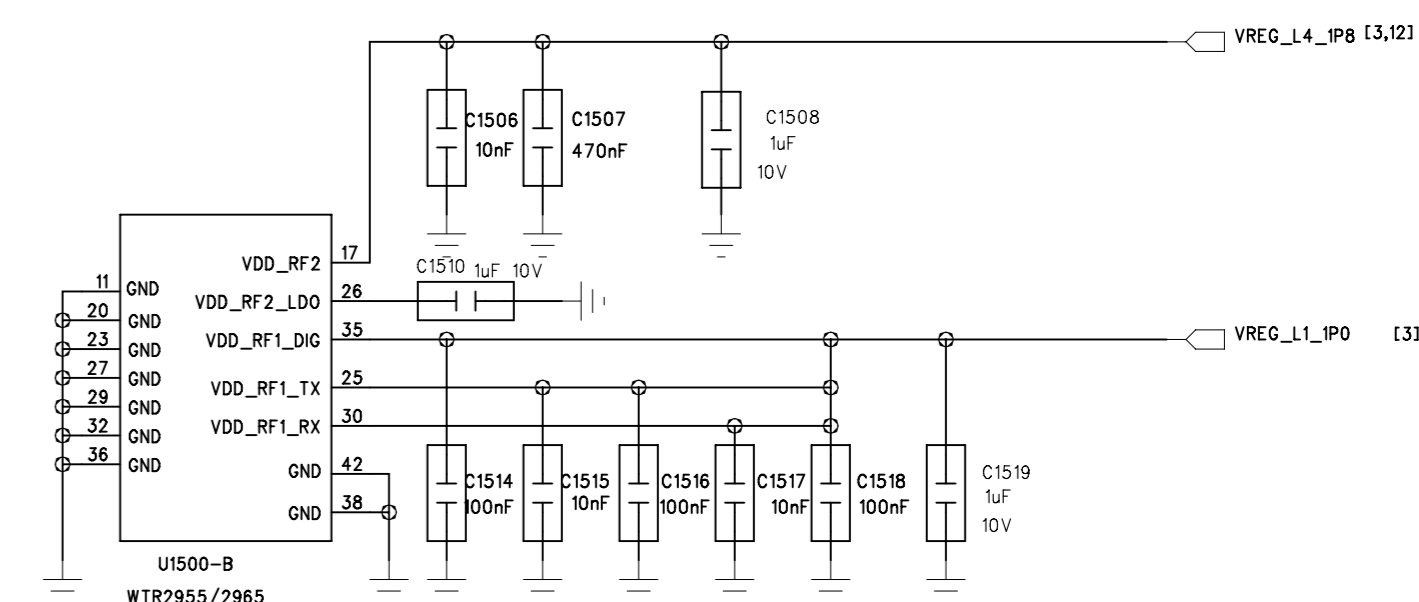
WTR2965



TX_GSM

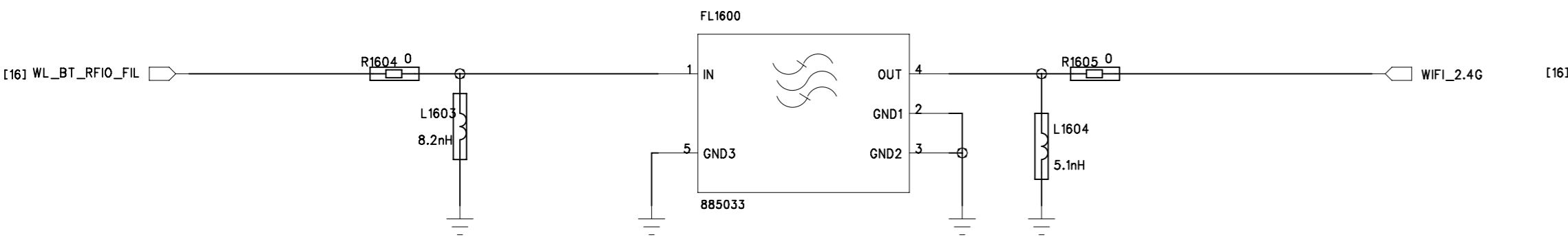
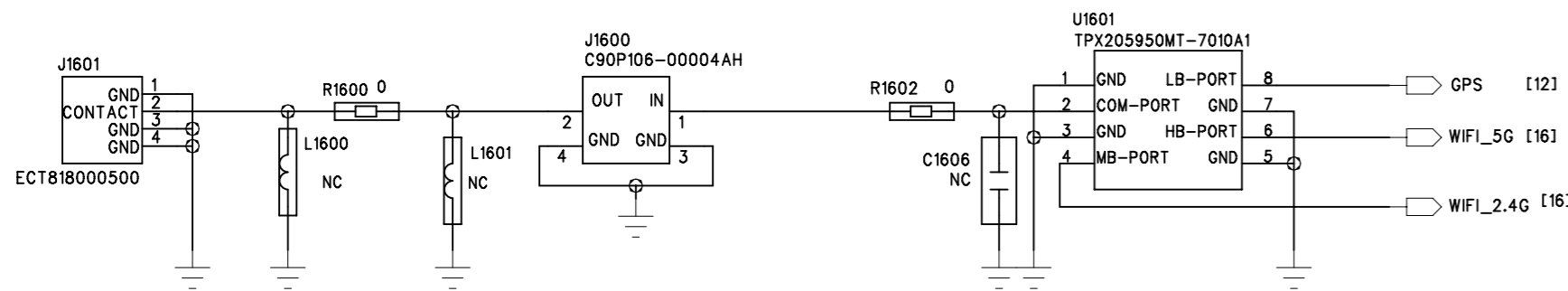


WTR2965 POWER

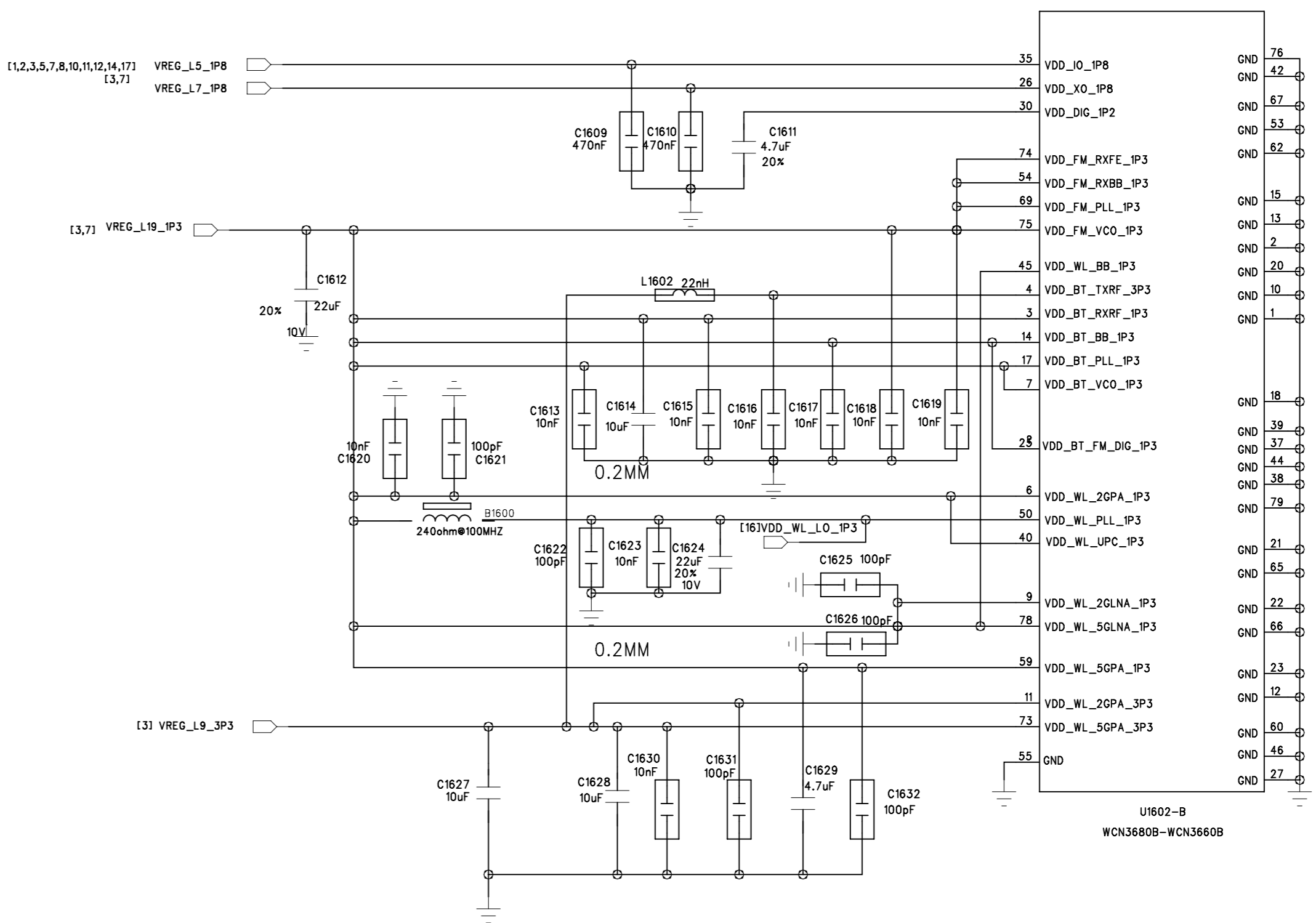
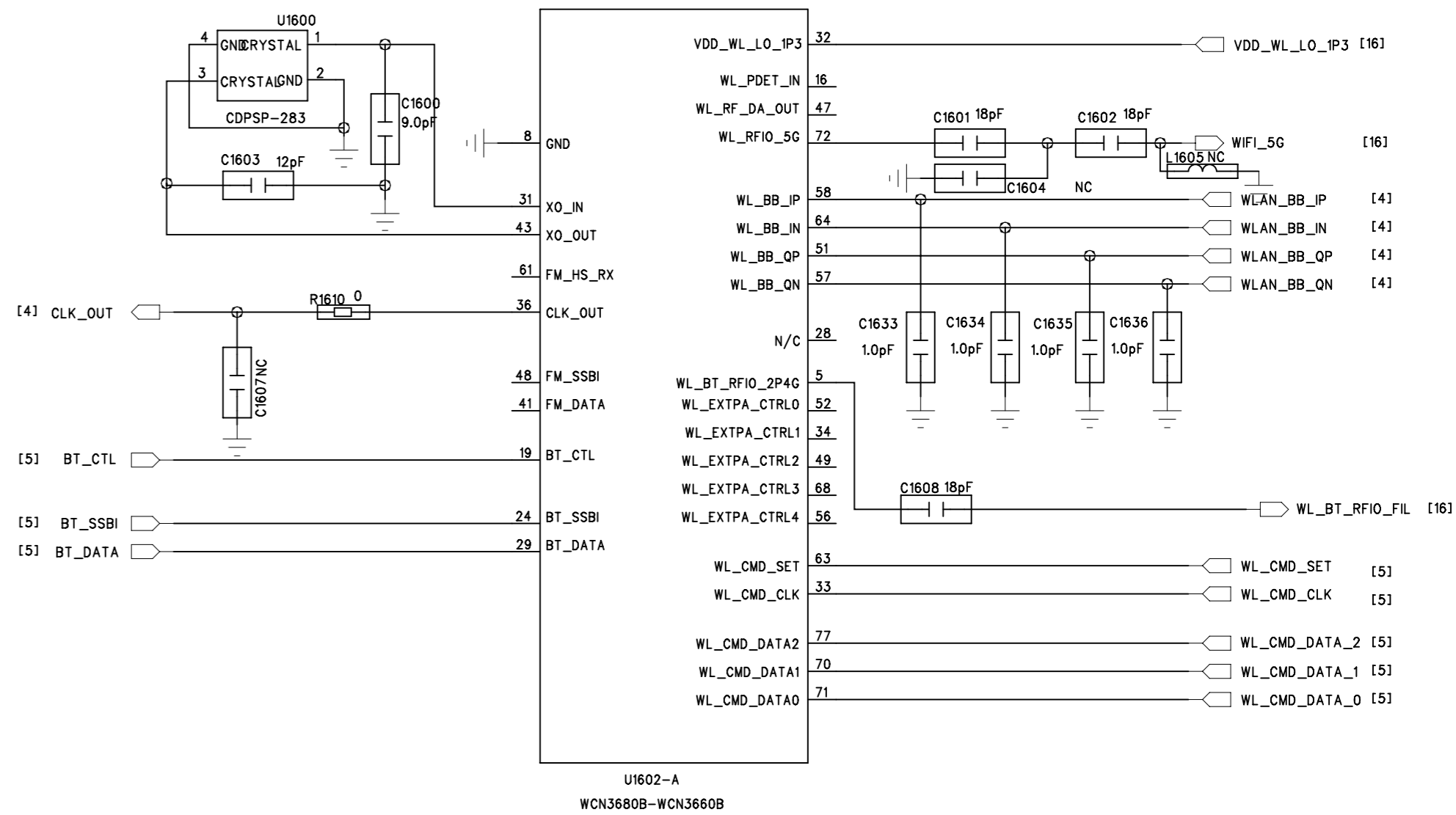


MODEL	SLB767	VER.	V1.00
TITLE	WTR2965		
DRAWN	WXI	DATED	
CHECKED		SHEET	

WCN3660B_WIFI_BT



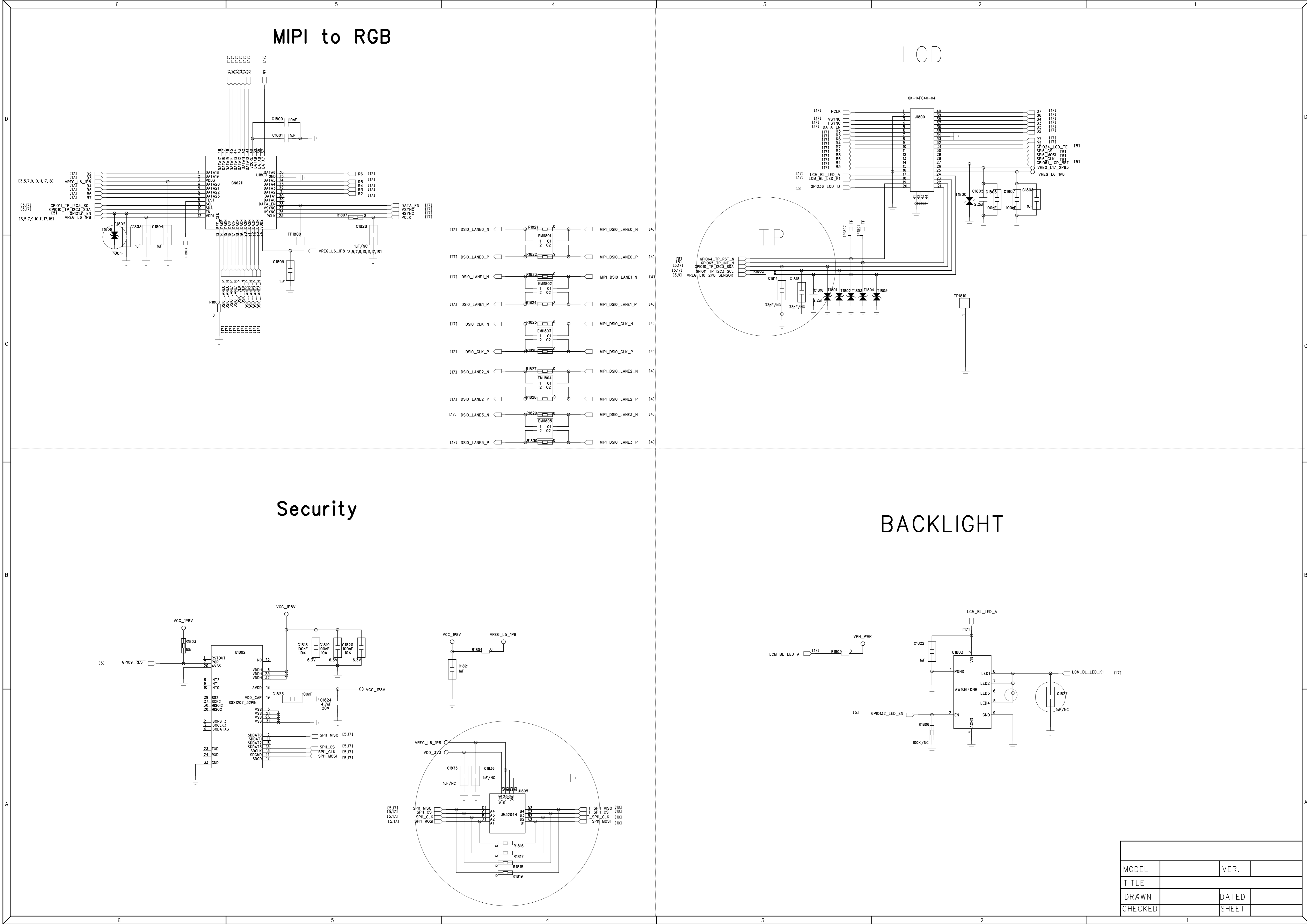
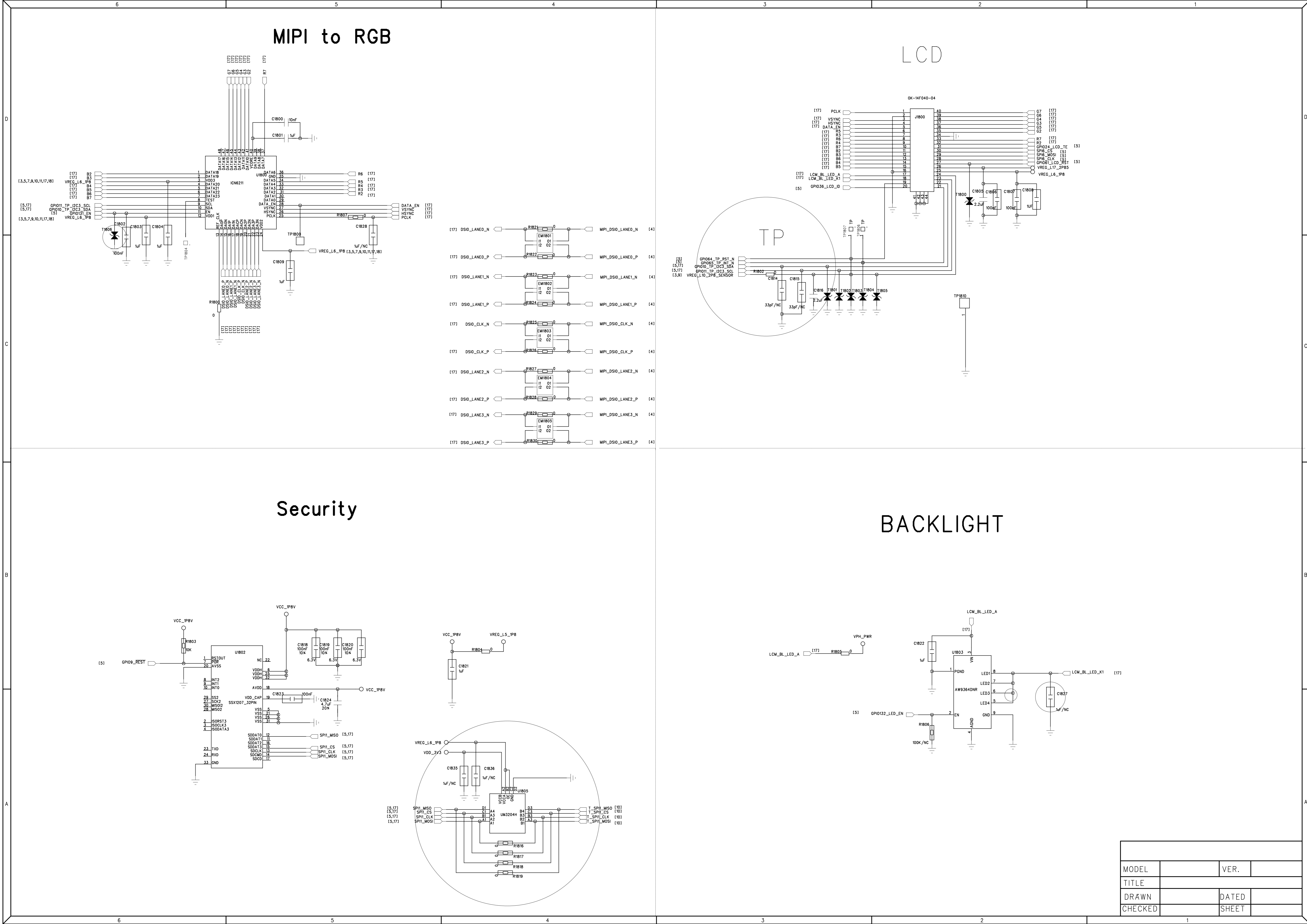
WCN3680B



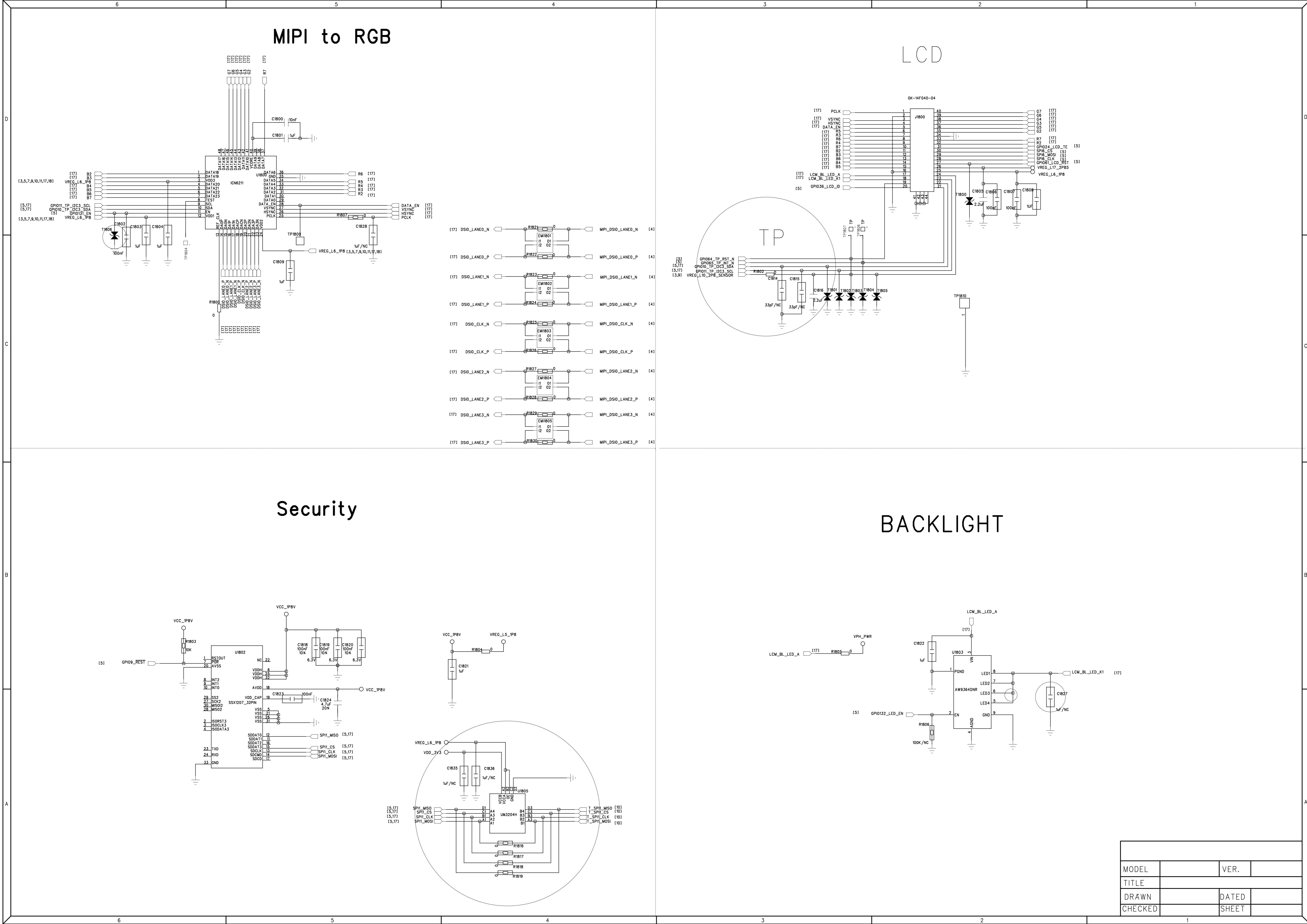
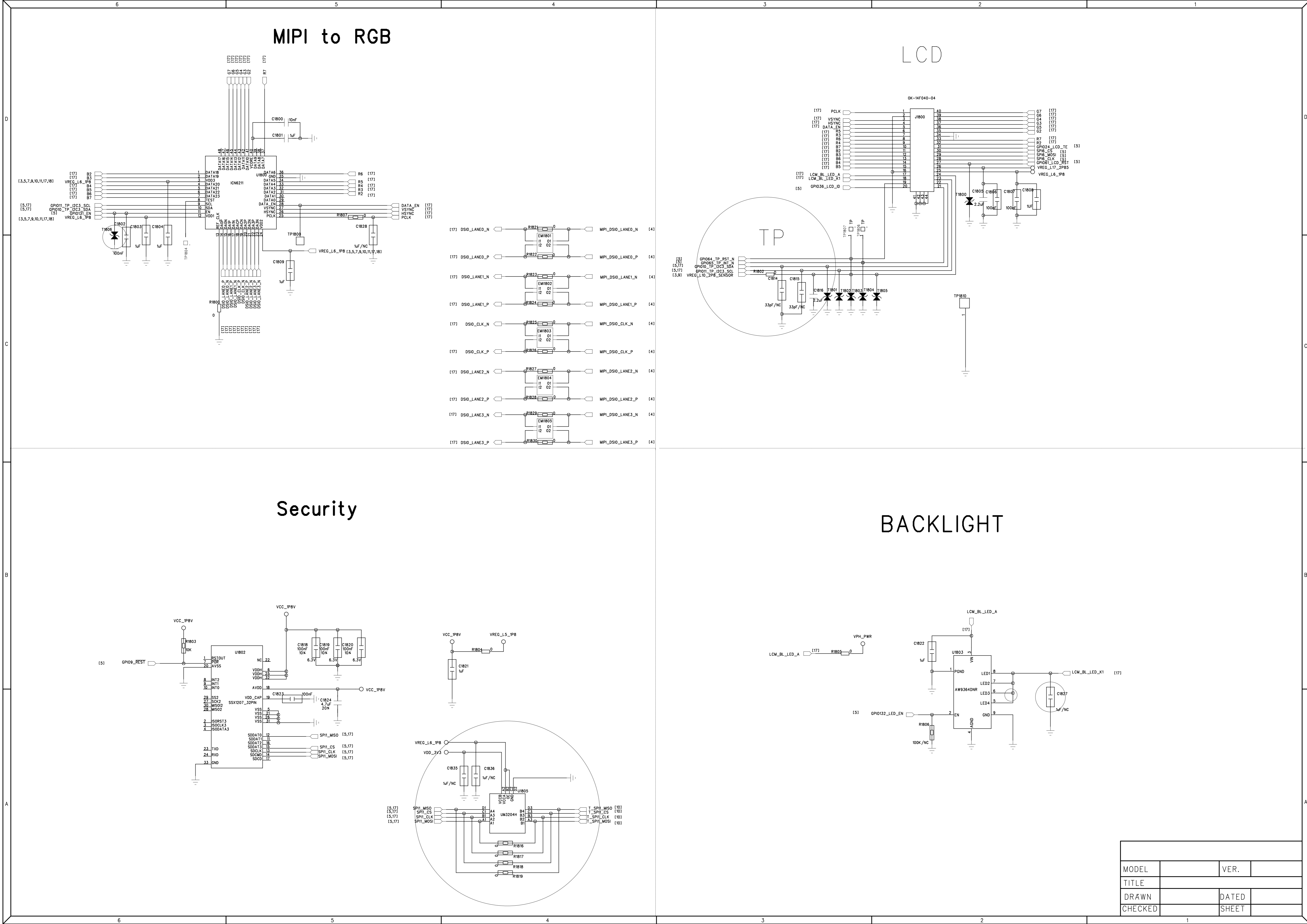
Power From System

MODEL	SLB767	VER.	V1.00
TITLE	WCN3680		
DRAWN	WXL	DATED	
CHECKED		SHEET	

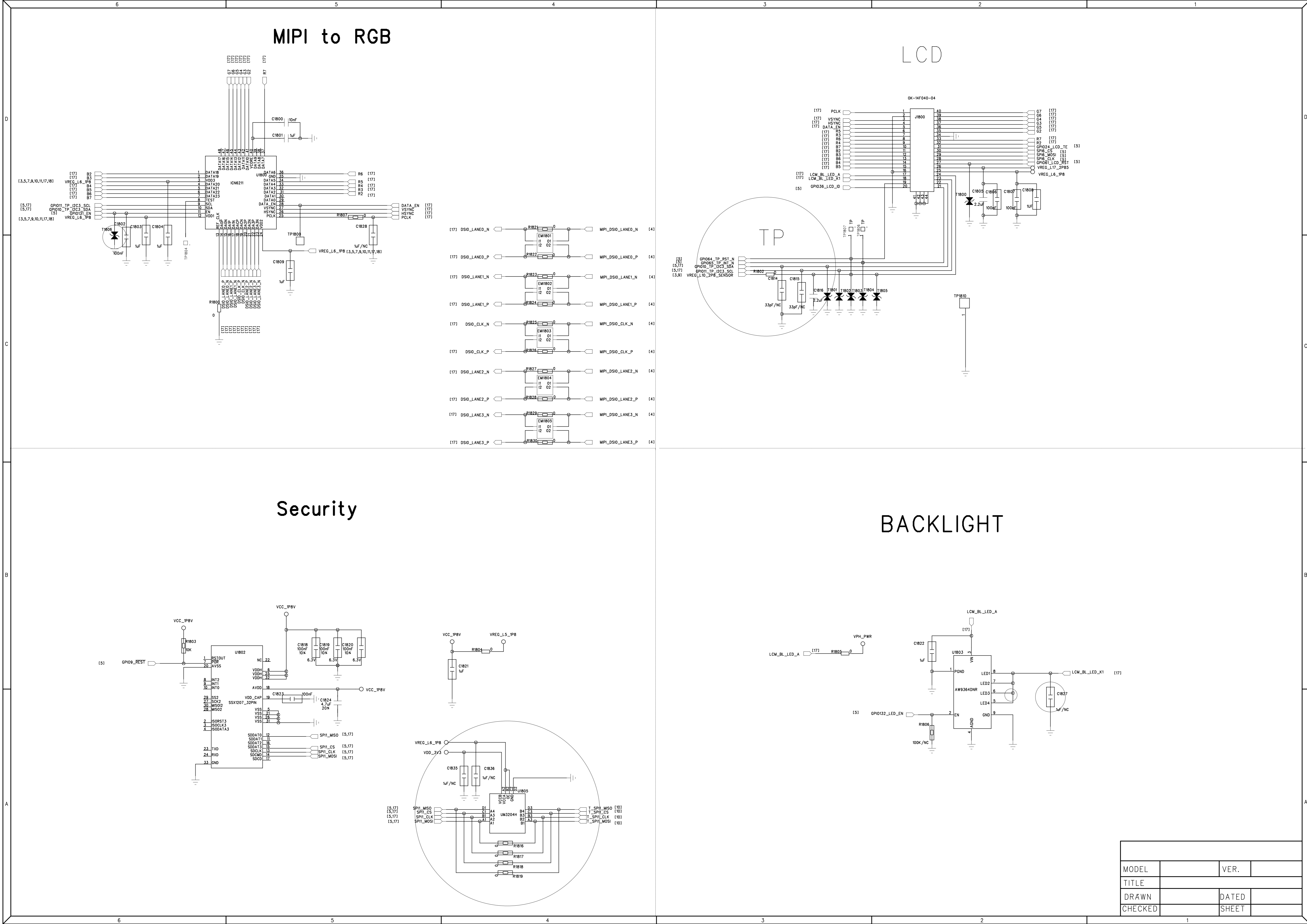
MIPI to RGB



MIPI to RGB

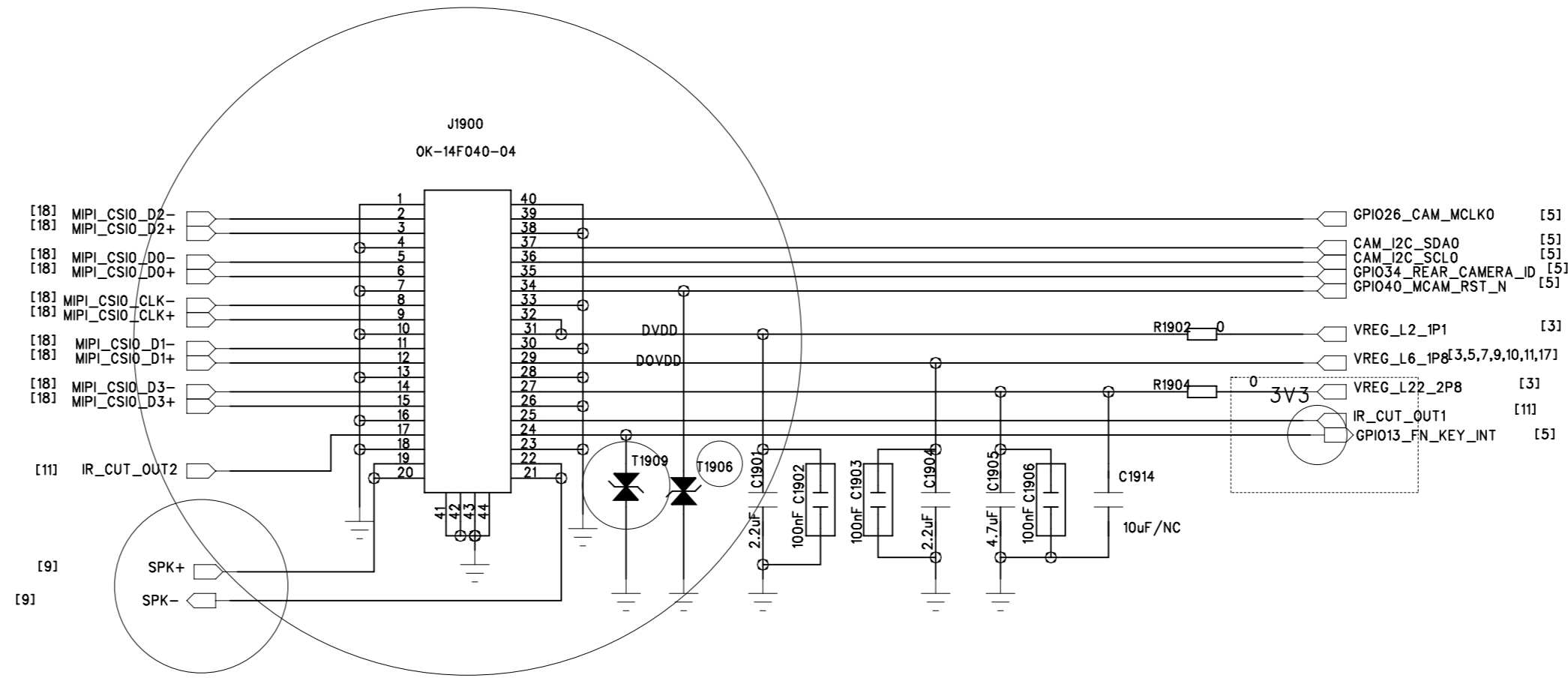
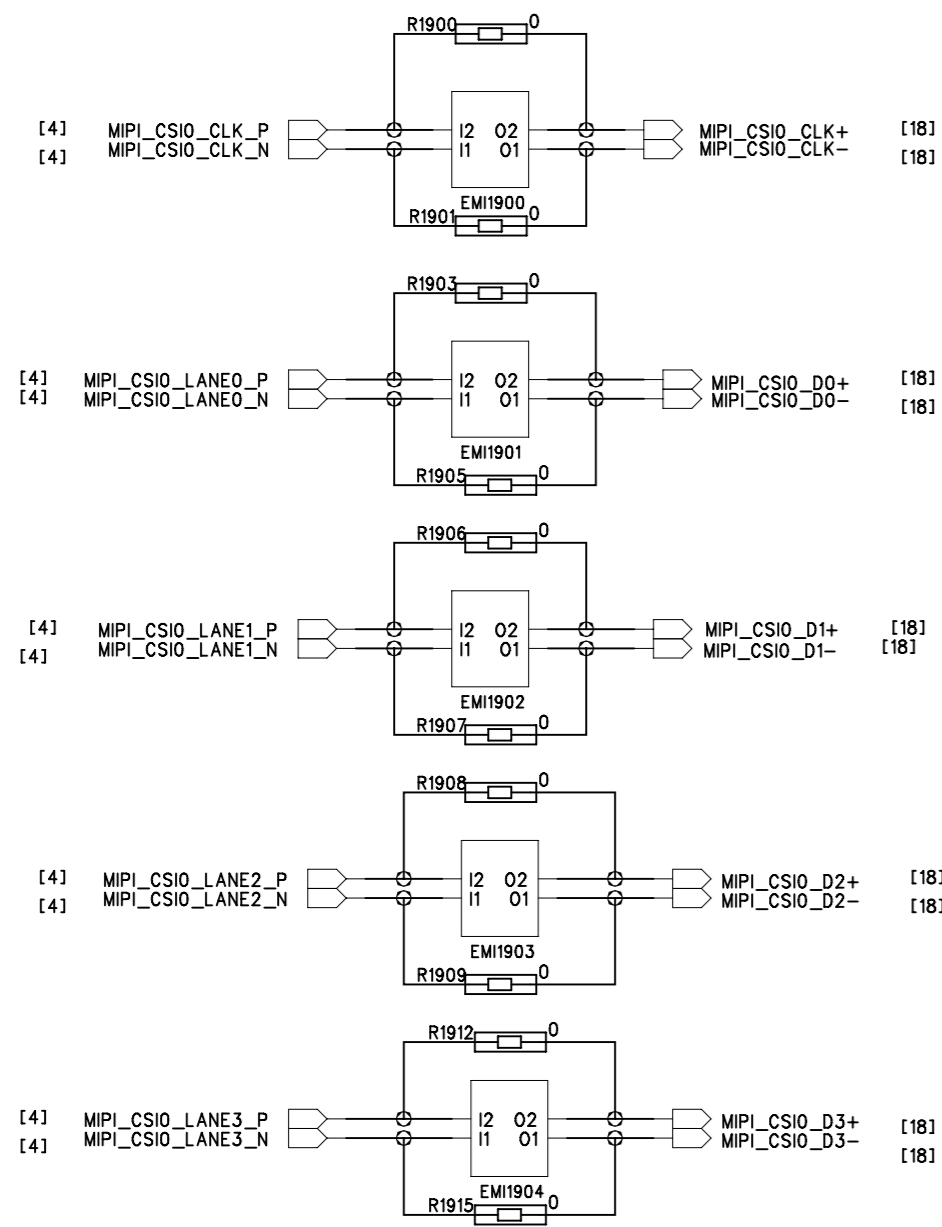


MIPI to RGB



MIPI to RGB

REAR CAMERA



MODEL		VER.	
TITLE	PMIC		
DRAWN		DATED	
CHECKED		SHEET	