

JH7110 NOTEBOOK

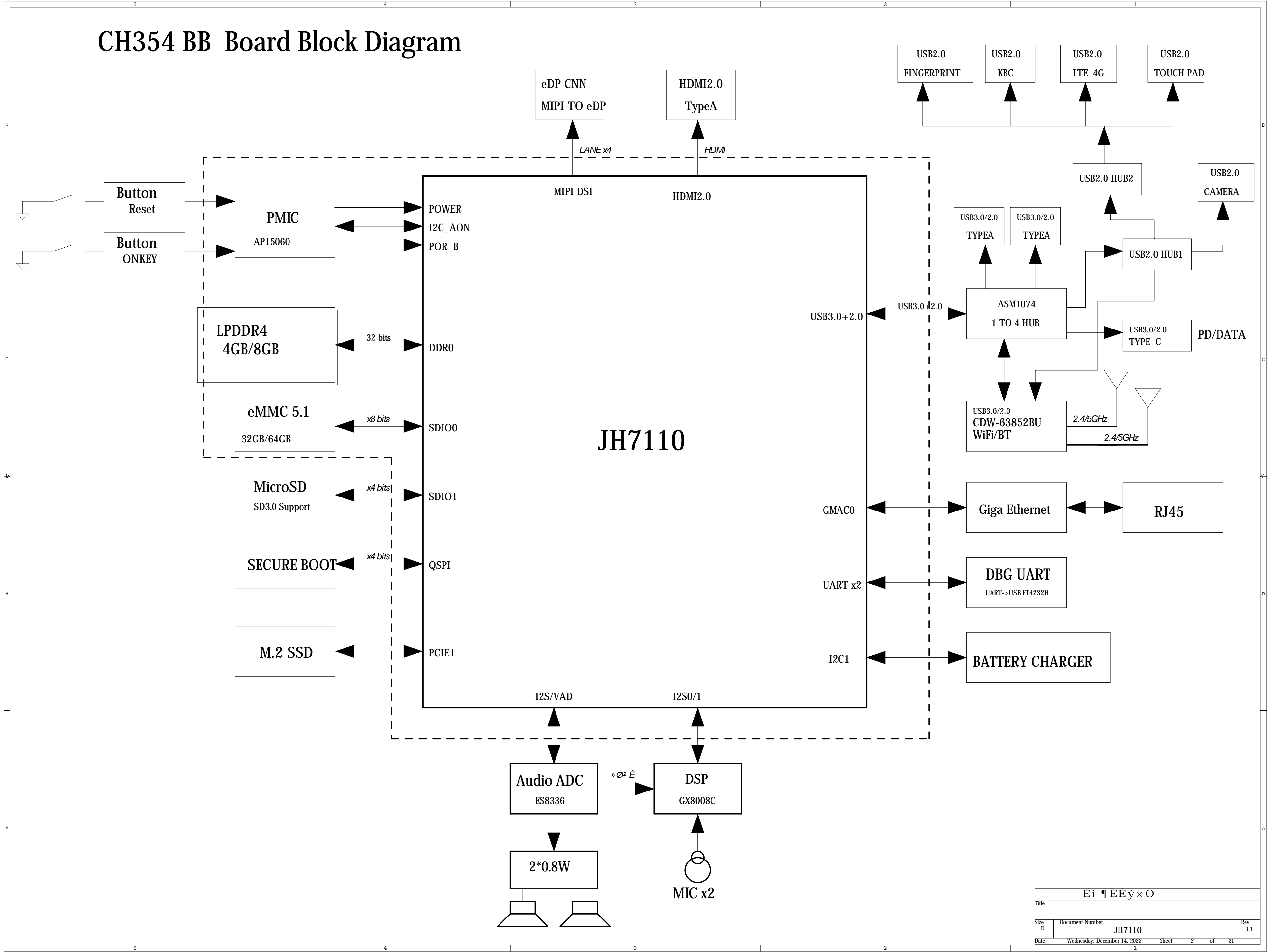
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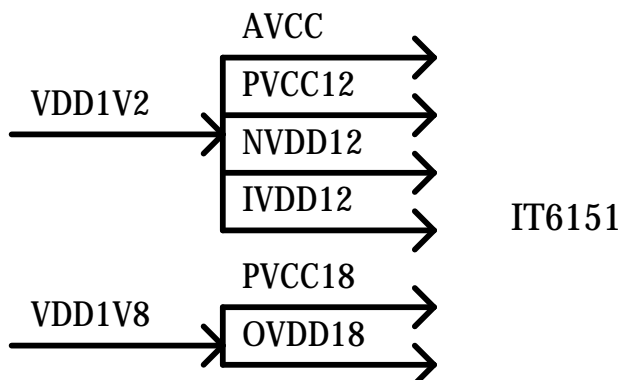
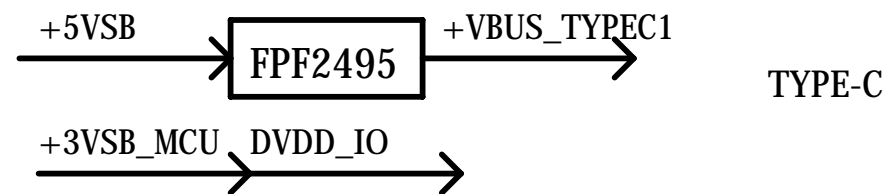
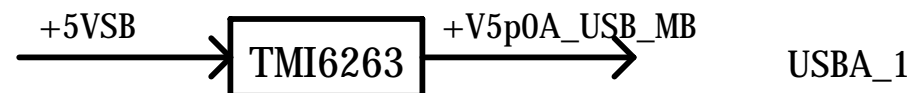
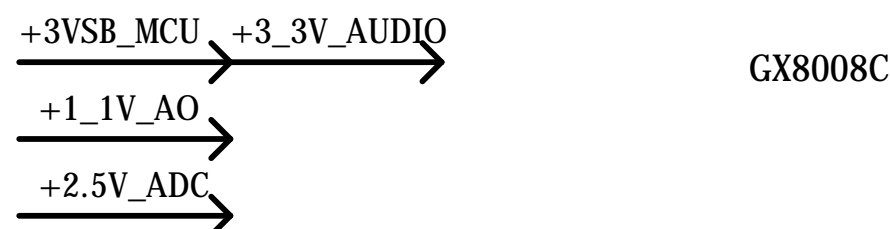
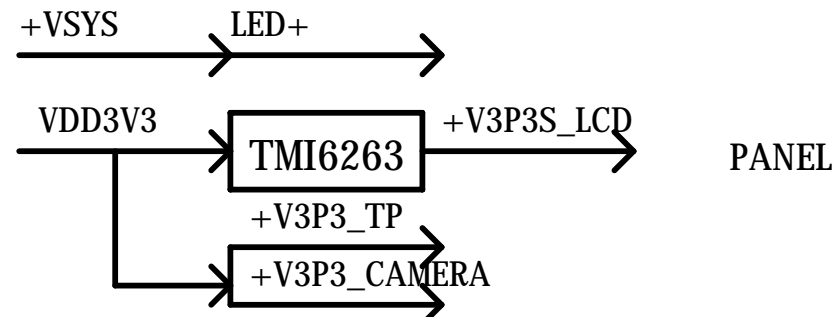
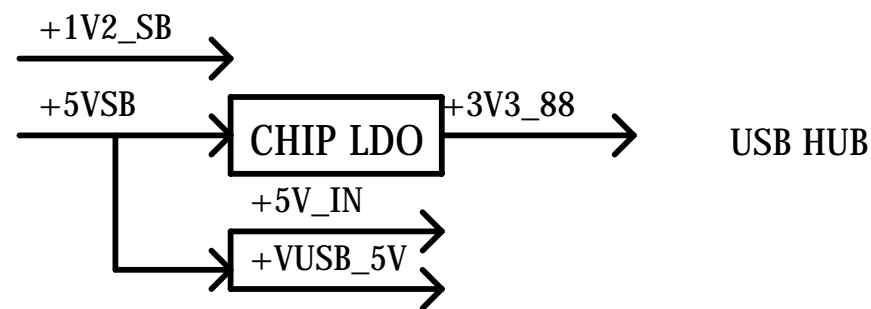
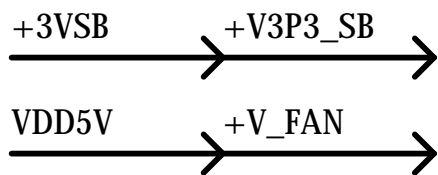
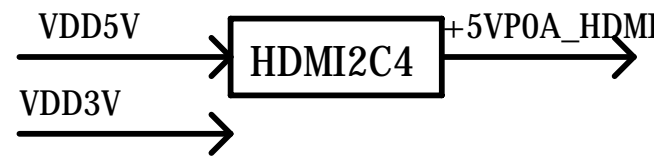
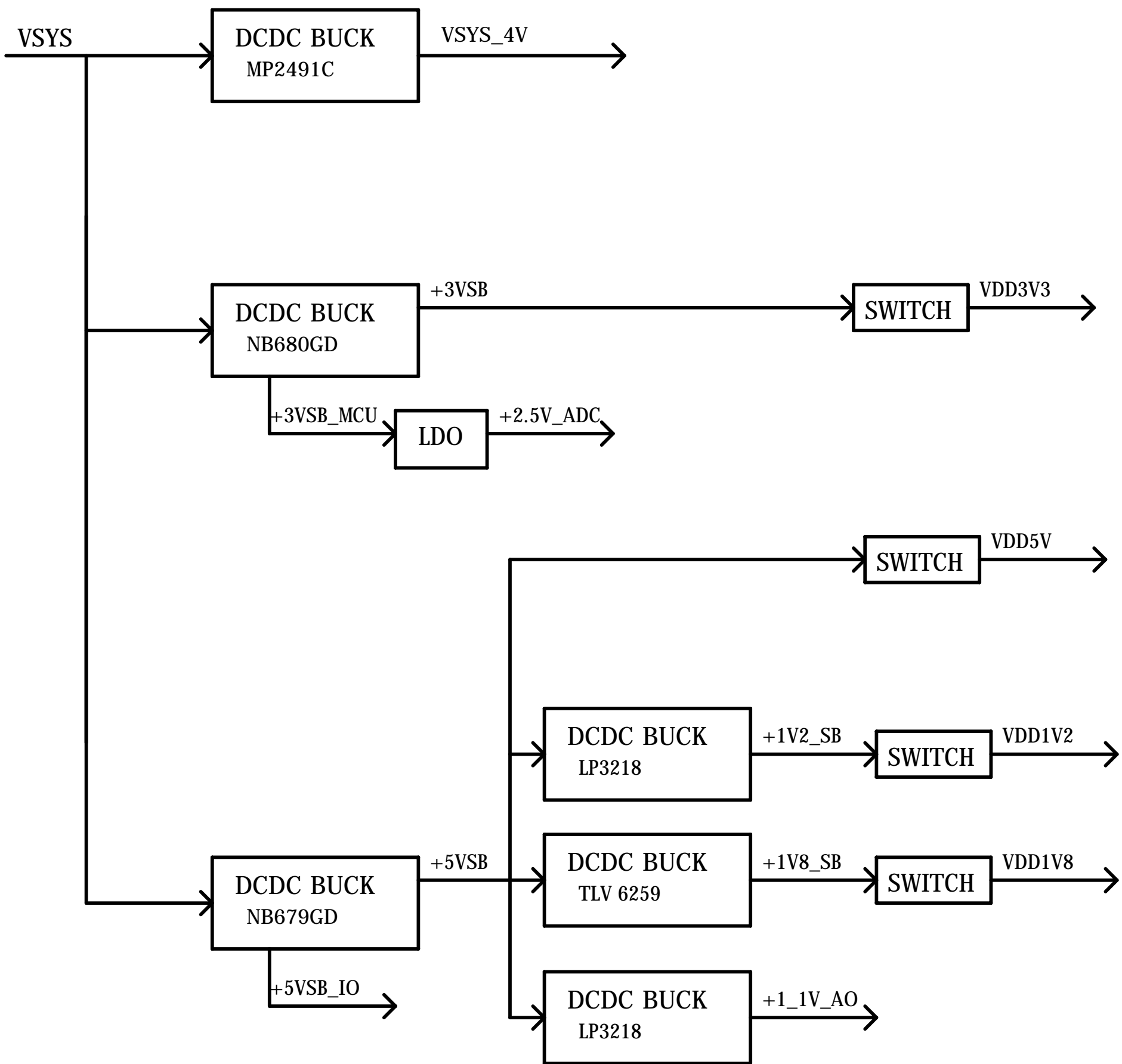
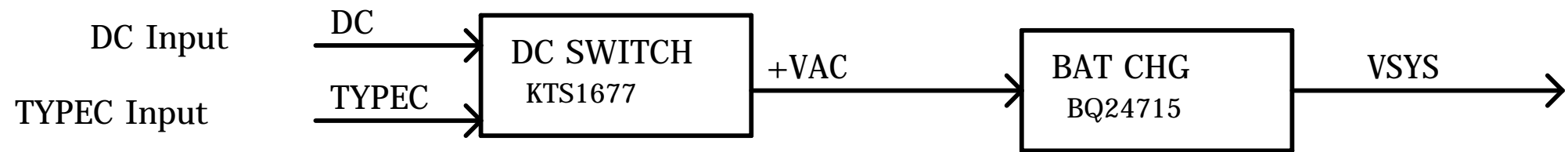
Revision History

Rev. Code	Date	By	Description
V1.0	2023-04-21		
V2.0	2023-06-21		
V3.0	2023-068-30		1.MCU, ˆ I » Á~µ½, ˆ I » ° ˆ ¼ü 2.2.5VLD0ÊäÊëµçÖ´, ÄĬ ¨ +3VSB

CH354 BB Board Block Diagram

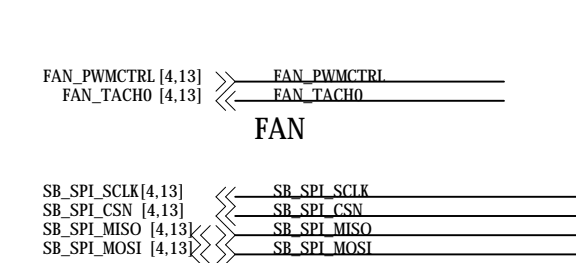


Power Diagram and Sequence

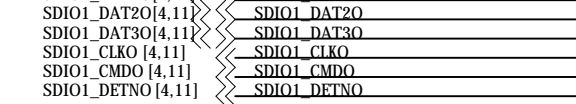
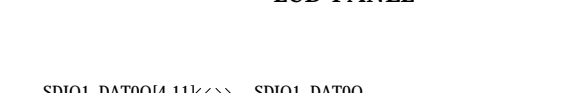
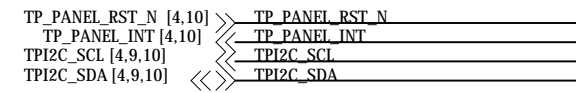
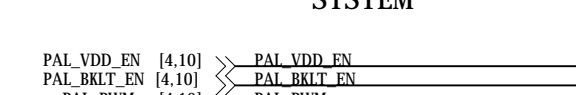
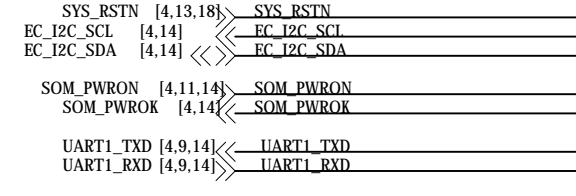
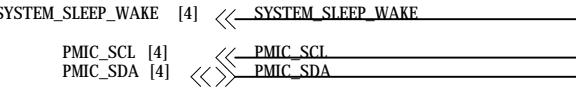
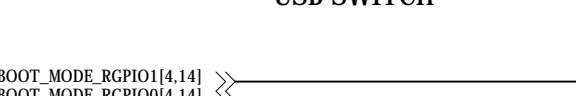
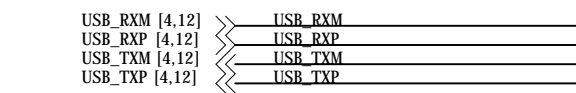
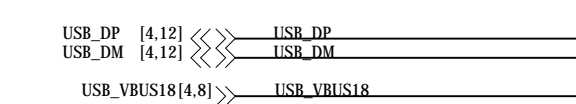
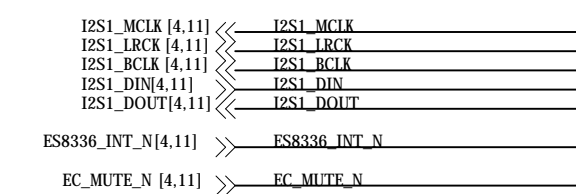
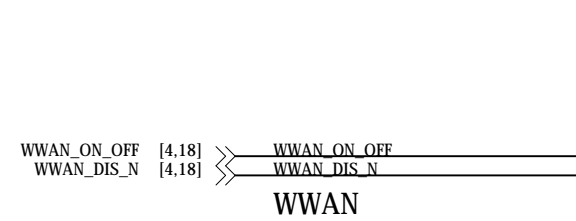
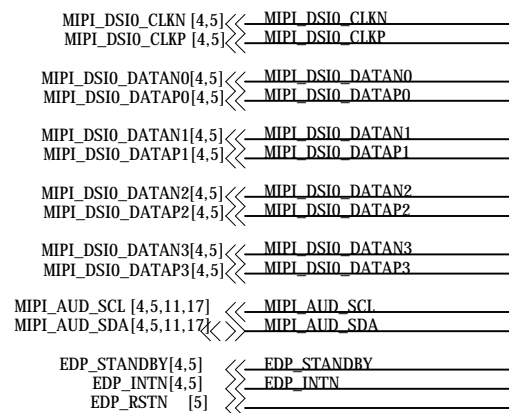


JH7110 IO	名称	说明
GPIO0	HDMI_SCL	HDMI I2C SCL
GPIO1	HDMI_SDA	HDMI I2C SDA
GPIO2	MIPI_AUD_SDA	MIPI AUD I2C SDA
GPIO3	MIPI_AUD_SCL	MIPI AUD I2C SCL
GPIO4	I2S1_MCLK	ES8336 MCLK
GPIO5	UART0_TX	调试串口TX
GPIO6	UART0_RX	调试串口RX
GPIO7	SDIO1_D2	TF卡 D2
GPIO8	SDIO1_D3	TF卡 D3
GPIO9	SDIO1_CMD	TF卡 CMD
GPIO10	SDIO1_CLK	TF卡 CLK
GPIO11	SDIO1_D0	TF卡 D0
GPIO12	SDIO1_D1	TF卡 D1
GPIO13	GMAC_PHYRSTN	GMAC PHY 复位信号
GPIO14	HDMI_CEC	HDMI CEC
GPIO15	HDMI_HPD	HDMI HPD 检测
GPIO16	EC_I2C_SCL	下行 EC I2C SCL
GPIO17	EC_I2C_SDA	下行 EC I2C SDA
GPIO18	NC	
GPIO19	PMIC_SCL	PMIC I2C SCL
GPIO20	PMIC_SDA	PMIC I2C SDA
GPIO21	PCIE1_PWREN	M.2 PCIE 电源使能
GPIO22	EDP_ENPSR	MIPI 转 EDP 芯片电源使能
GPIO23	SLP_WAN	WLAN 电源开关
GPIO24	PAL_PWM	屏幕背光PWM
GPIO25	EDP_INTN	MIPI 转 EDP 芯片中断
GPIO26	TPI2C_SCL	LCD 触摸屏 I2C SCL
GPIO27	TPI2C_SDA	LCD 触摸屏 I2C SDA
GPIO28	PCIE1_PERSTN	M.2 PCIE 复位
GPIO29	PCIE1_PRSN	M.2 PCIE CLKREQ
GPIO30	TP_PANEL_INT	LCD 触摸屏中断
GPIO31	TP_PANEL_RST	LCD 触摸屏复位
GPIO32	BT_HOST_WAKE_DEV	蓝牙唤醒主机
GPIO33	PAL_BLK_EN	LCD屏背光使能
GPIO34	PAL_VDD_EN	LCD屏电源使能
GPIO35	WDO_GPIO35	JH7110 看门狗输出
GPIO36	SB_SPI_MISO	安全芯片 MISO
GPIO37	FAN_TACHO	风扇转速检测
GPIO38	I2S1_BCLK	ES8336 BCLK
GPIO39	SB_SPI_MOSI	安全芯片 MOSI
GPIO40	NC	
GPIO41	SDIO1_DET	TF卡检测
GPIO42	EDP_STANBY	MIPI 转 EDP 芯片待机
GPIO43	UART1_RX	UART1 RX
GPIO44	I2S1_DIN	ES8336 DIN
GPIO45	UART1_TX	UART1 TX
GPIO46	ES8336_INT	ES8336 中断输出
GPIO47	NOSIE_DEPRES	GX8008C 消噪
GPIO48	NC	
GPIO49	EC_MUTE_N	关闭音频输出
GPIO50	WL_DIS#	WIFI 无线开关
GPIO51	FAN_PWMCTRL	风扇PWM输出
GPIO52	WWAN_DIS#	4G 无线开关
GPIO53	TDM_BCLK	GX8008C TDM BCLK
GPIO54	TDM_DAT	GX8008C TDM DATA
GPIO55	GX8008C_P16	GX8008C_P16
GPIO56	BT_DIS#	蓝牙无线关闭
GPIO57	SB_SPI_CSN	安全芯片 CSN
GPIO58	SB_SPI_SCLK	安全芯片 SCLK
GPIO59	WWAN_ON_OFF	4G电源开关
GPIO60	TDM_WSCLK	GX8008C TDM WSCLK
GPIO61	I2S1_OUT	ES8336 DOUT
GPIO62	EMMC_RSTN	没有引出来
GPIO63	I2S1_LRCK	ES8336 LRCK

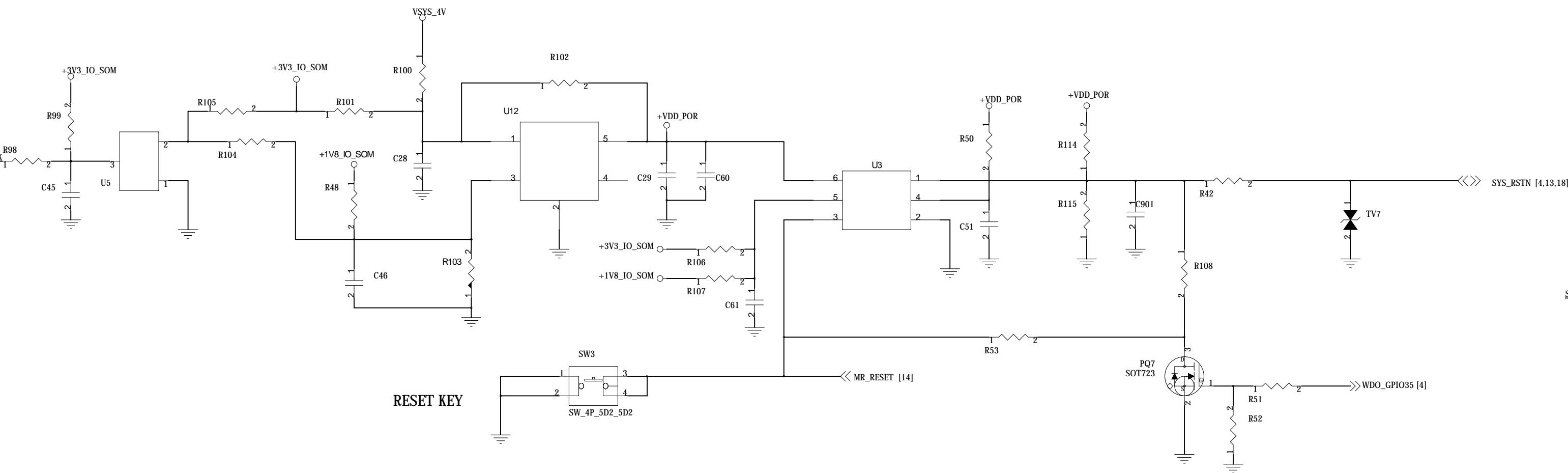
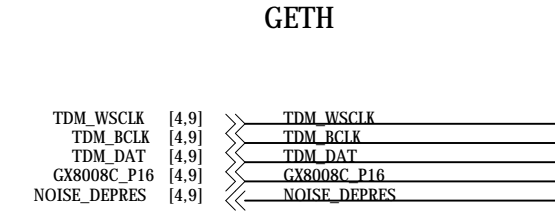
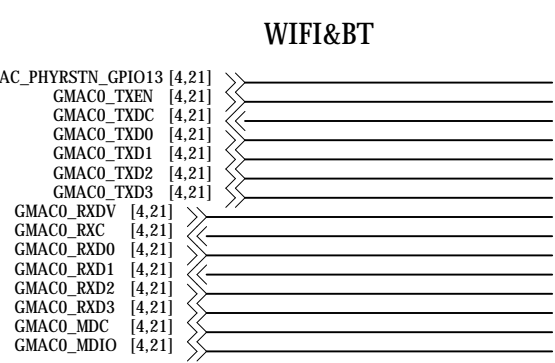
INTERFACE



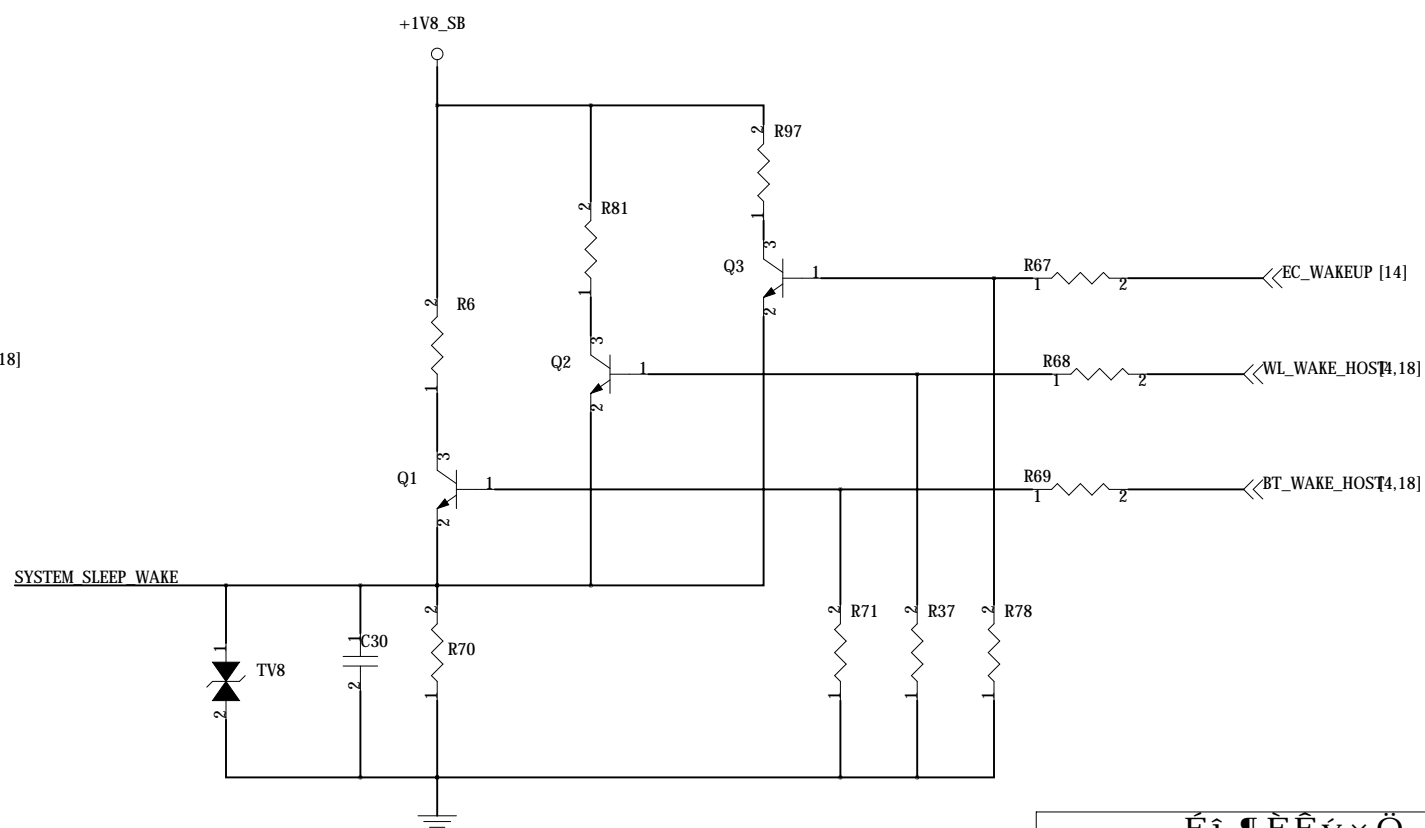
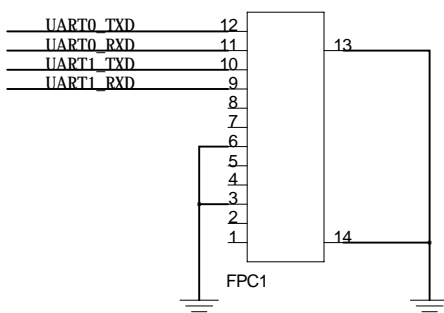
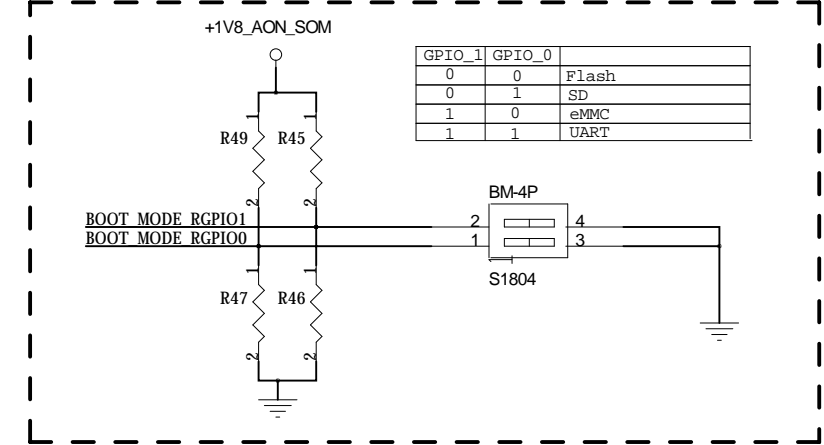
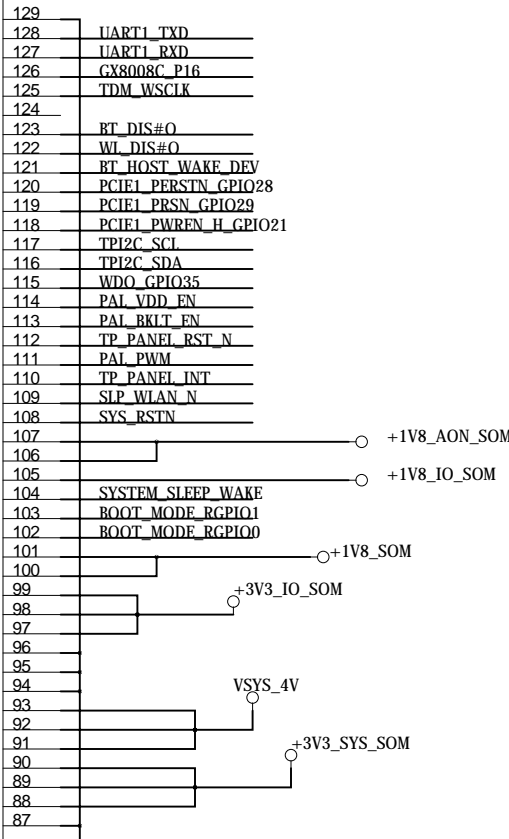
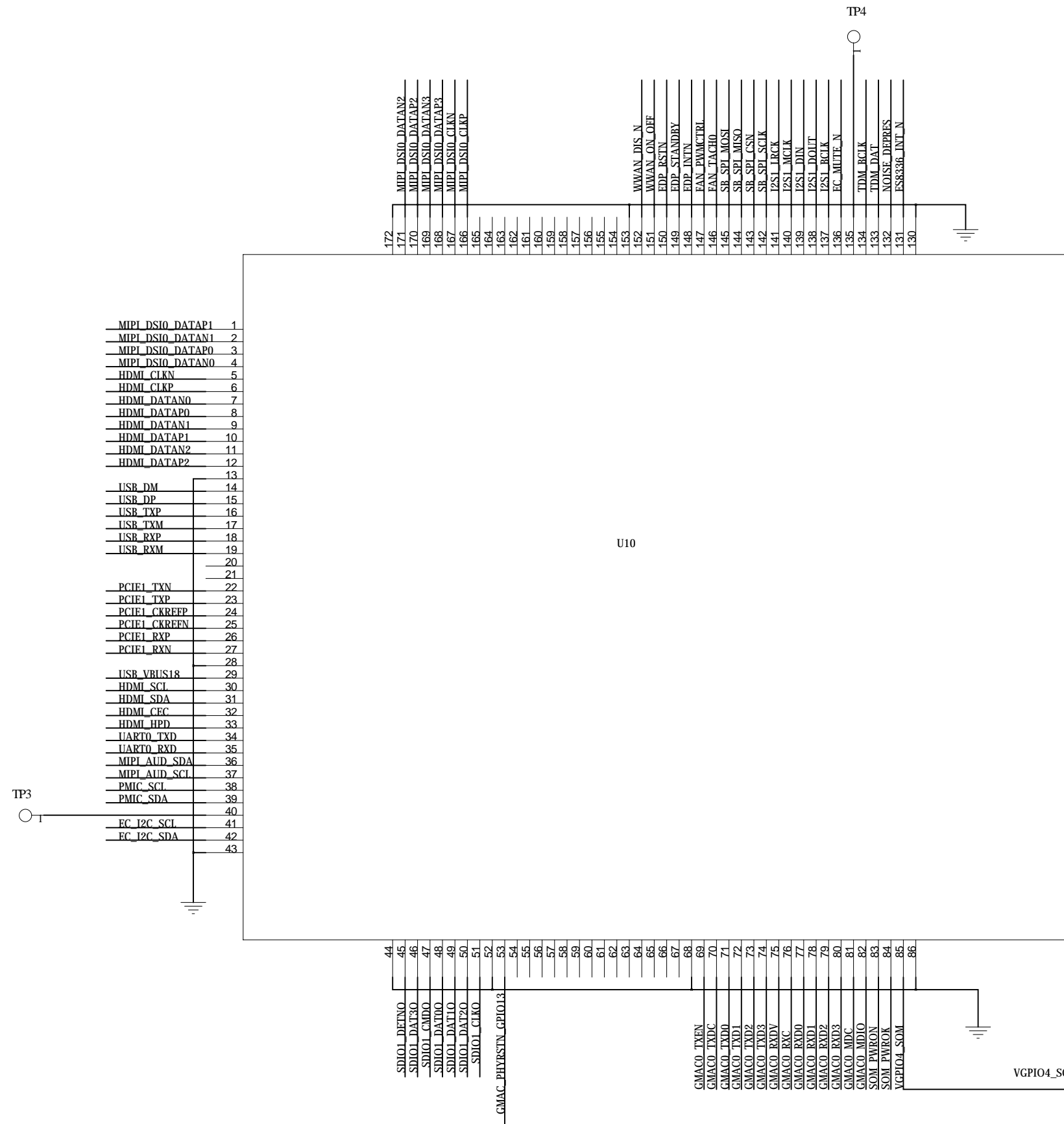
SECURE BOOT

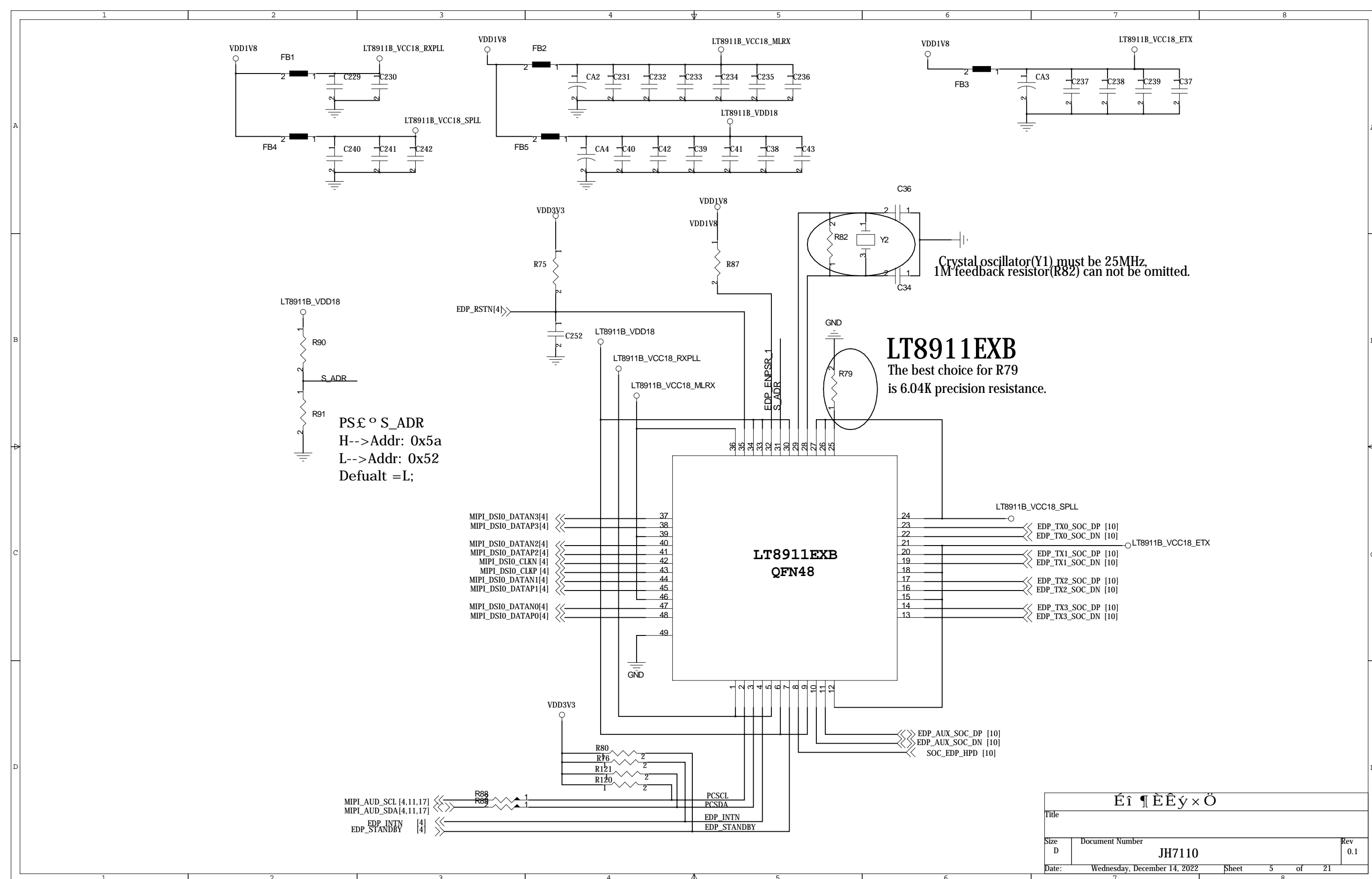


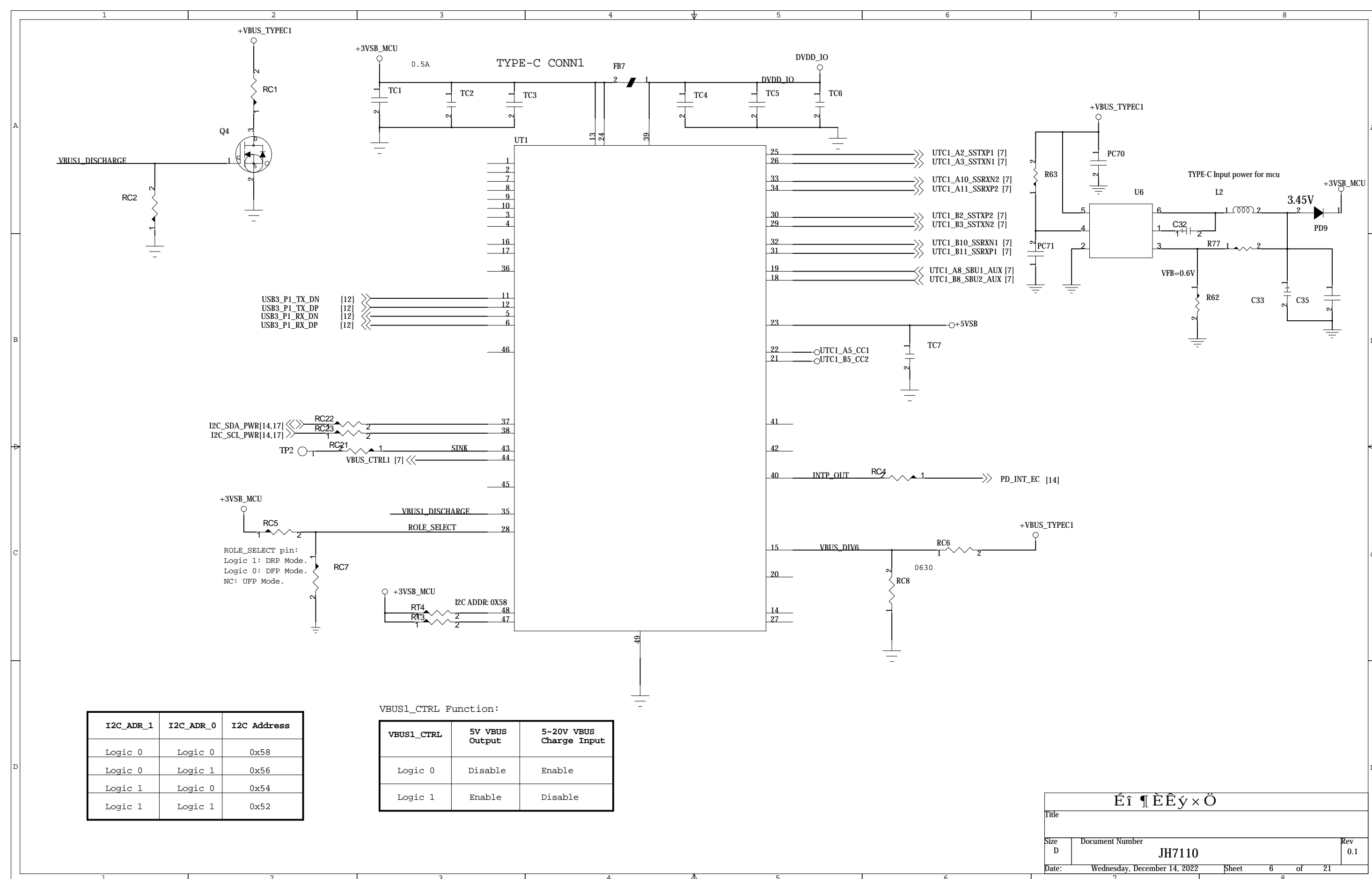
TF CARD

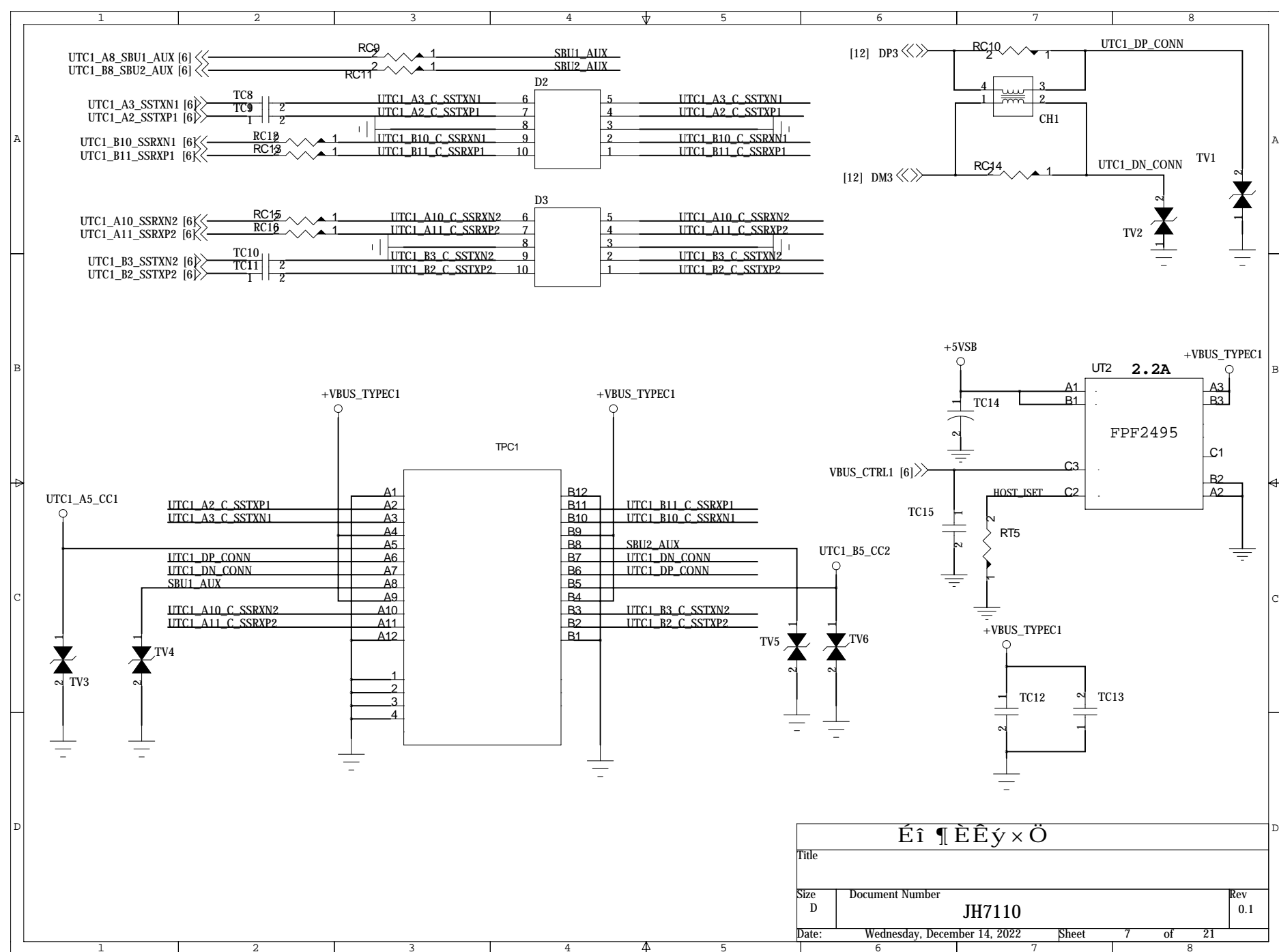


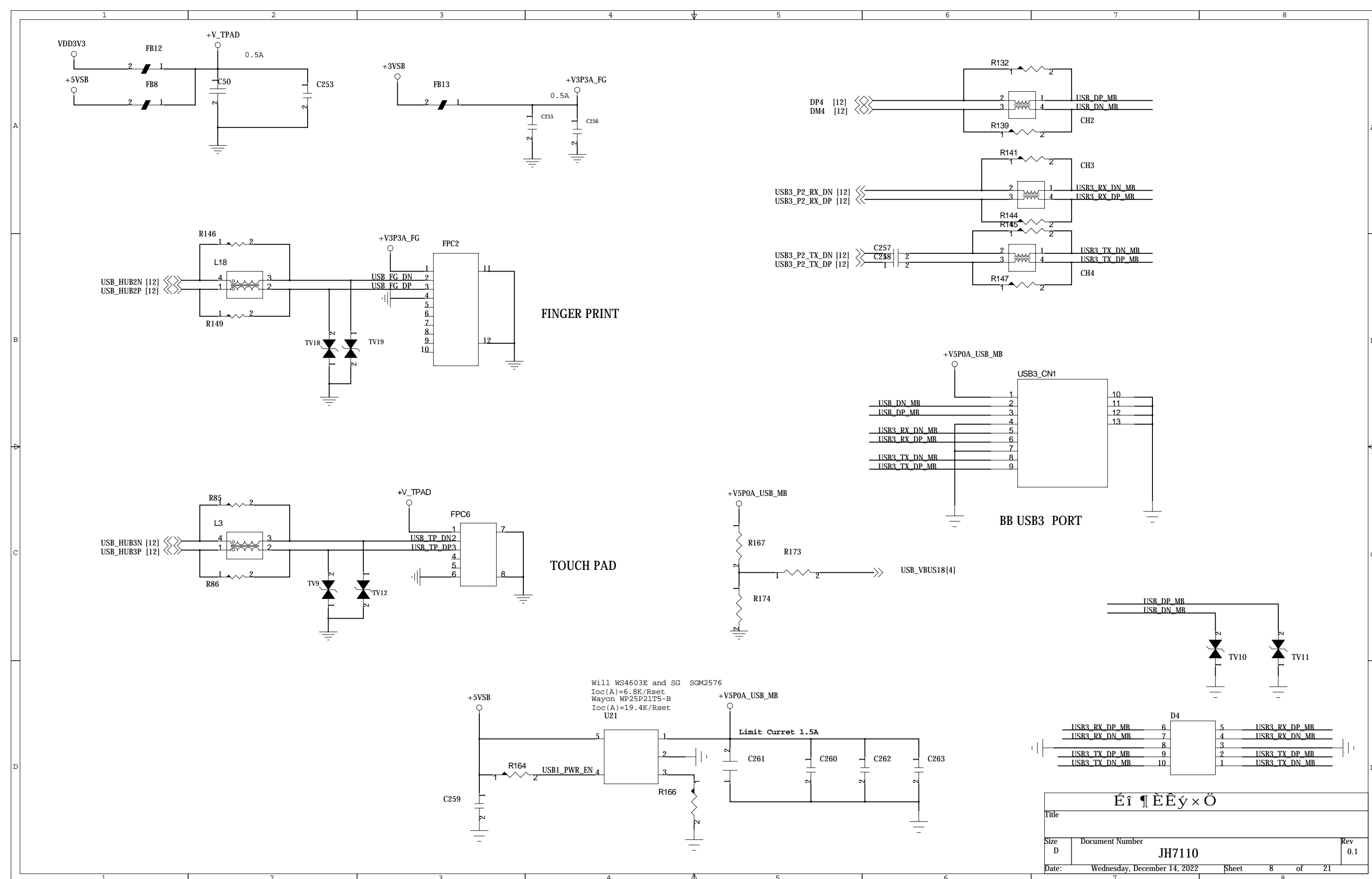
MIPI AUD I2C	LE8911EXB	ES8336	μC ³ O
	0x29(7bits)	0x10(7bits)	0x0B(7bits)
TP I2C	CX8008C	LCD ⁺ ¥ÄDÆÄ	
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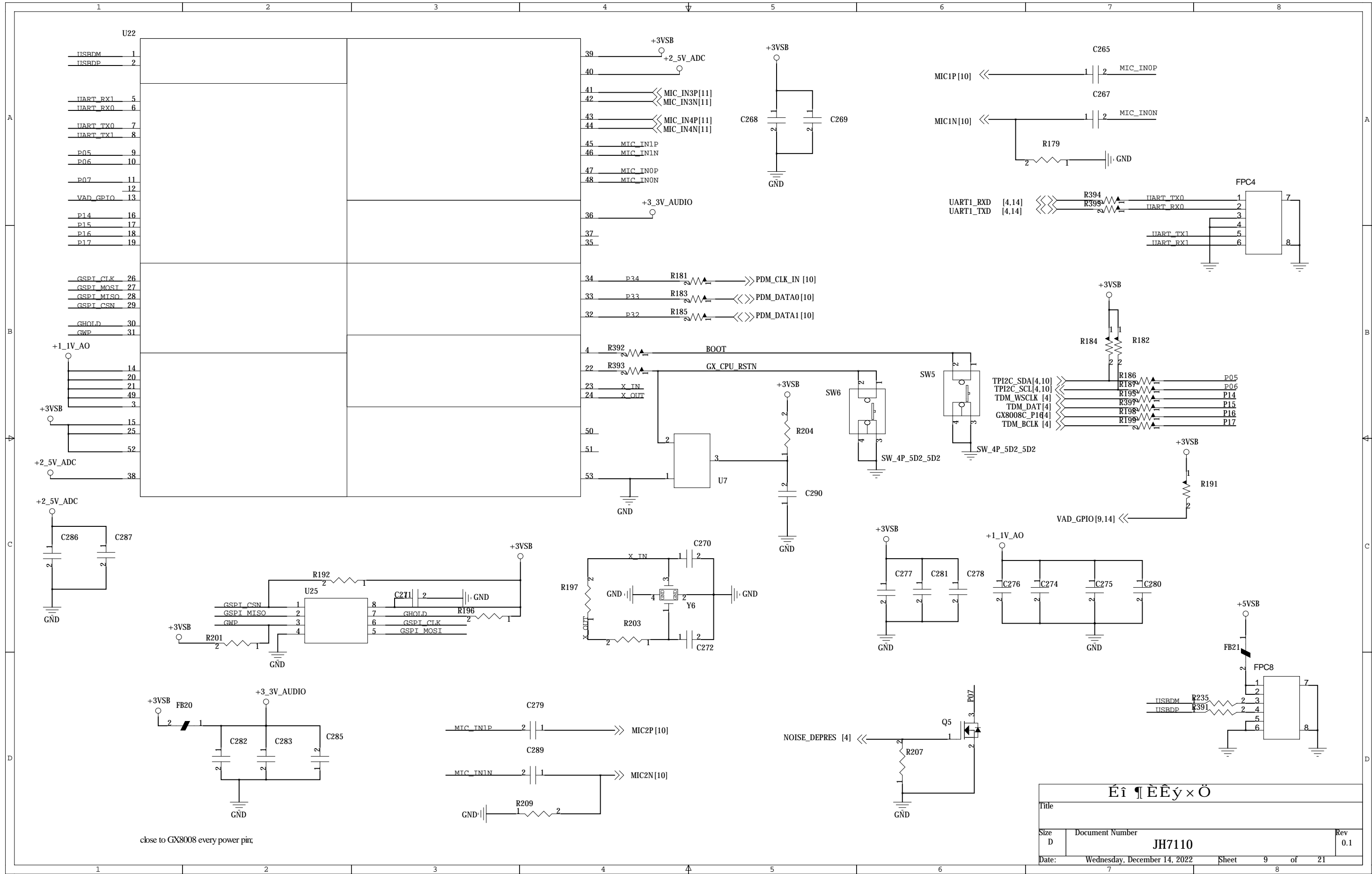


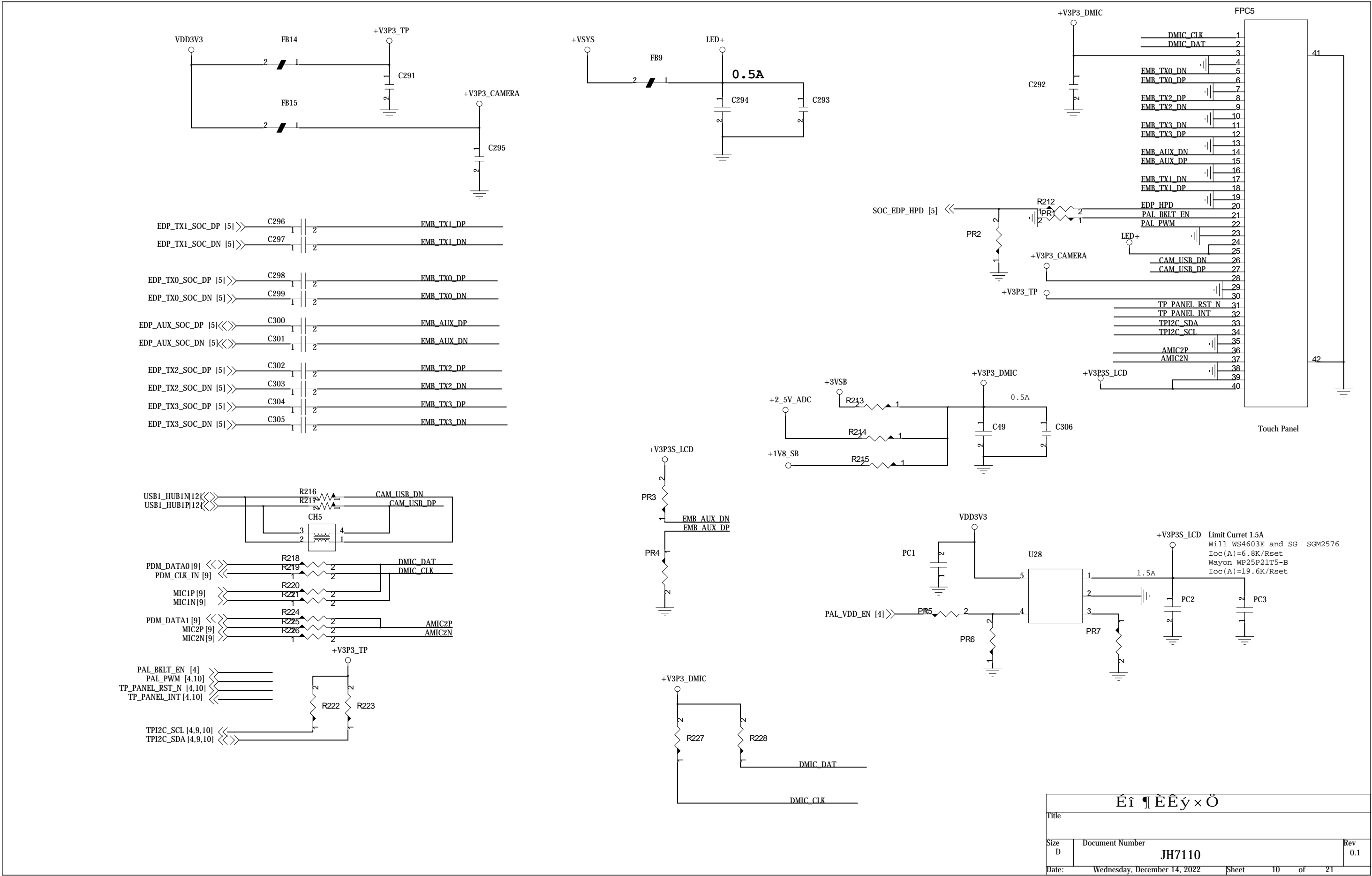


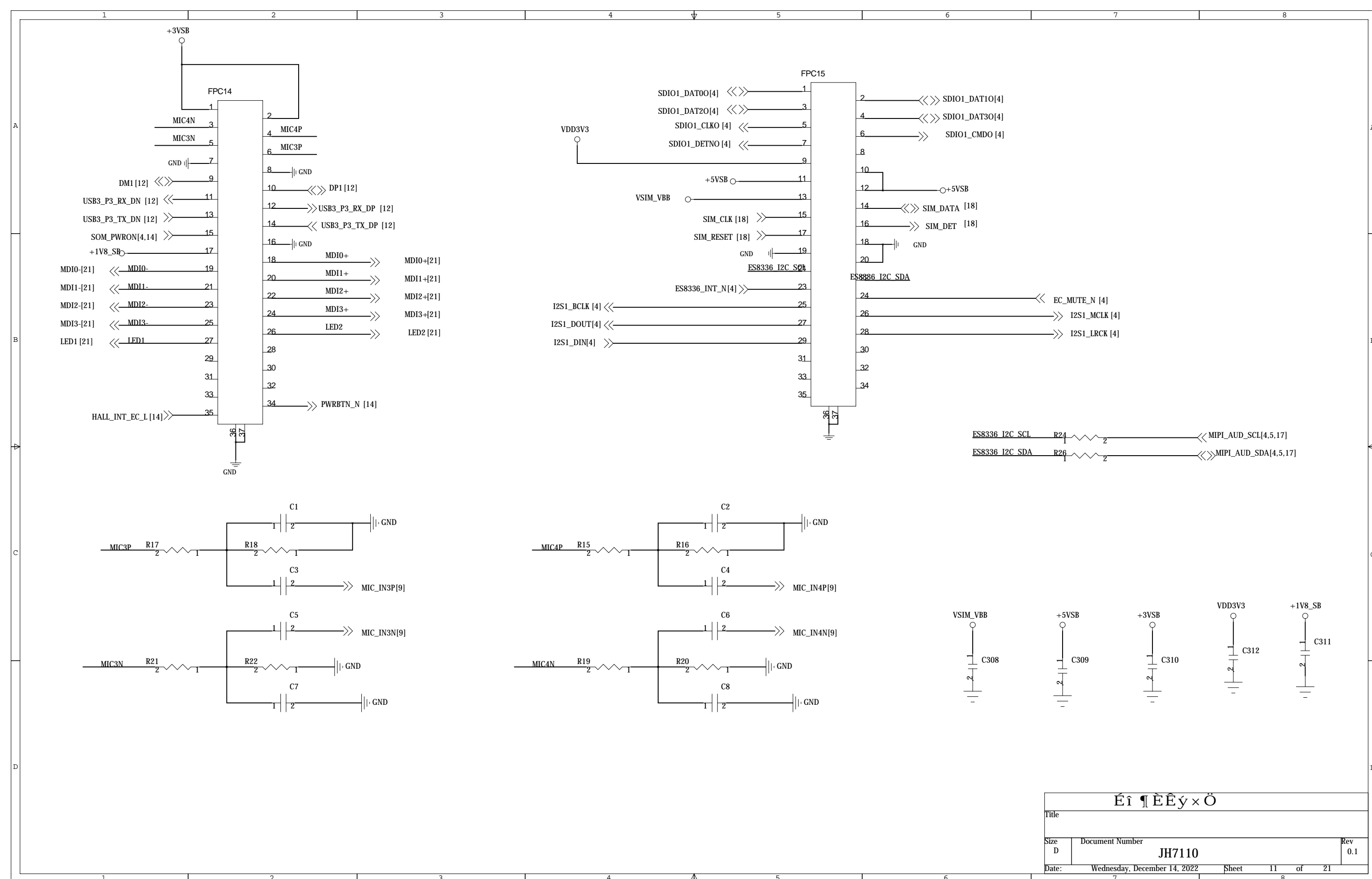


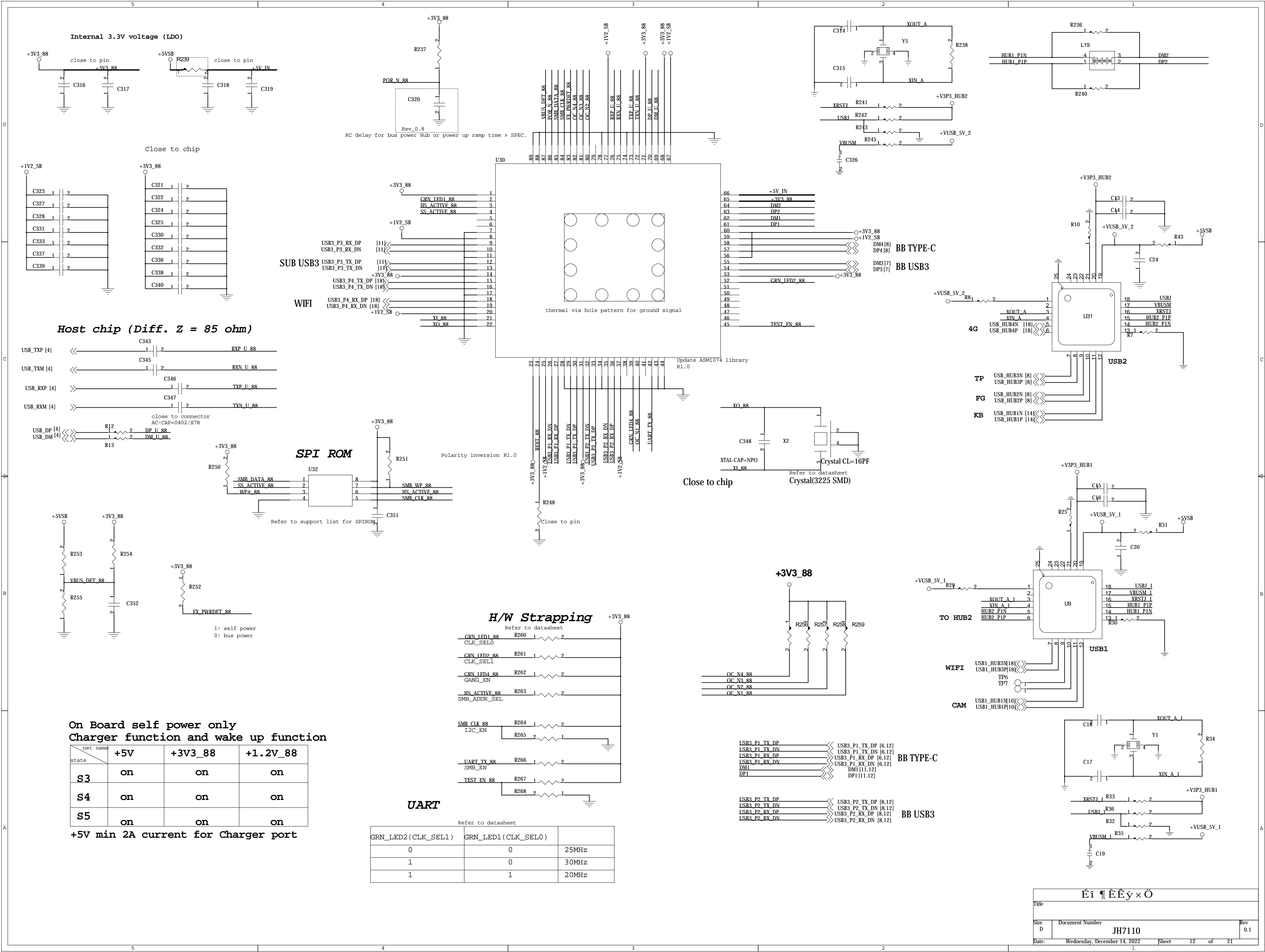


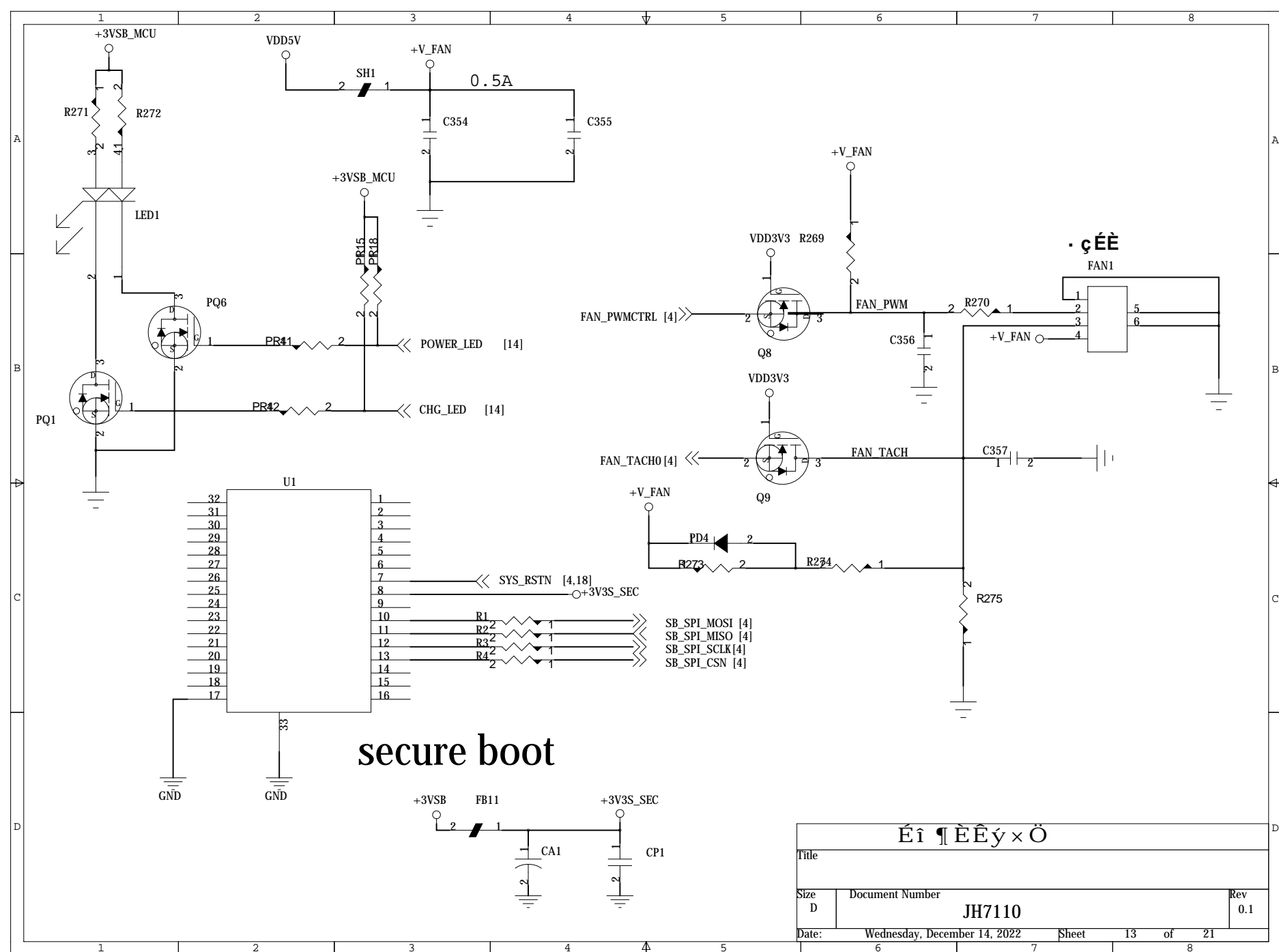


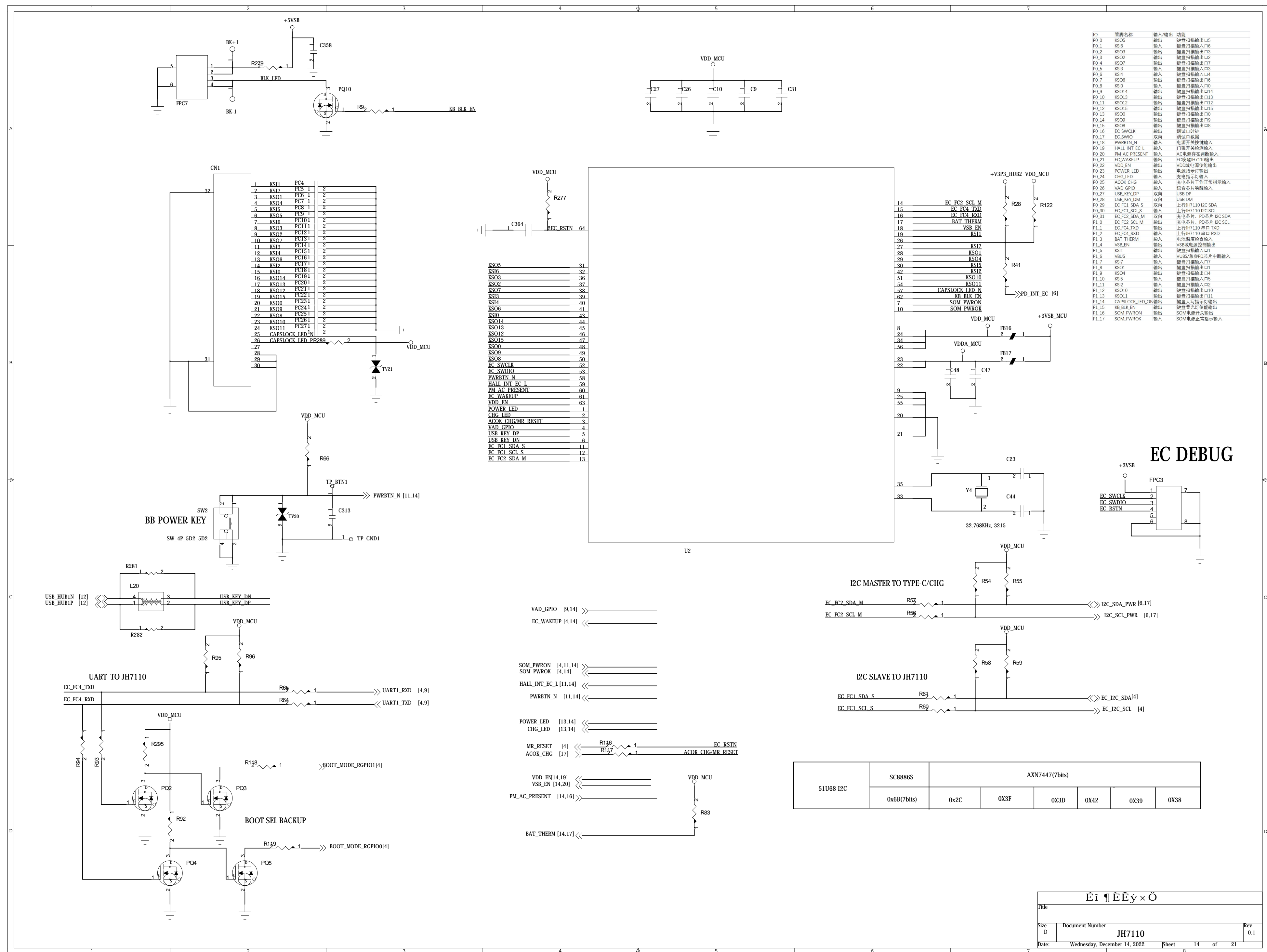


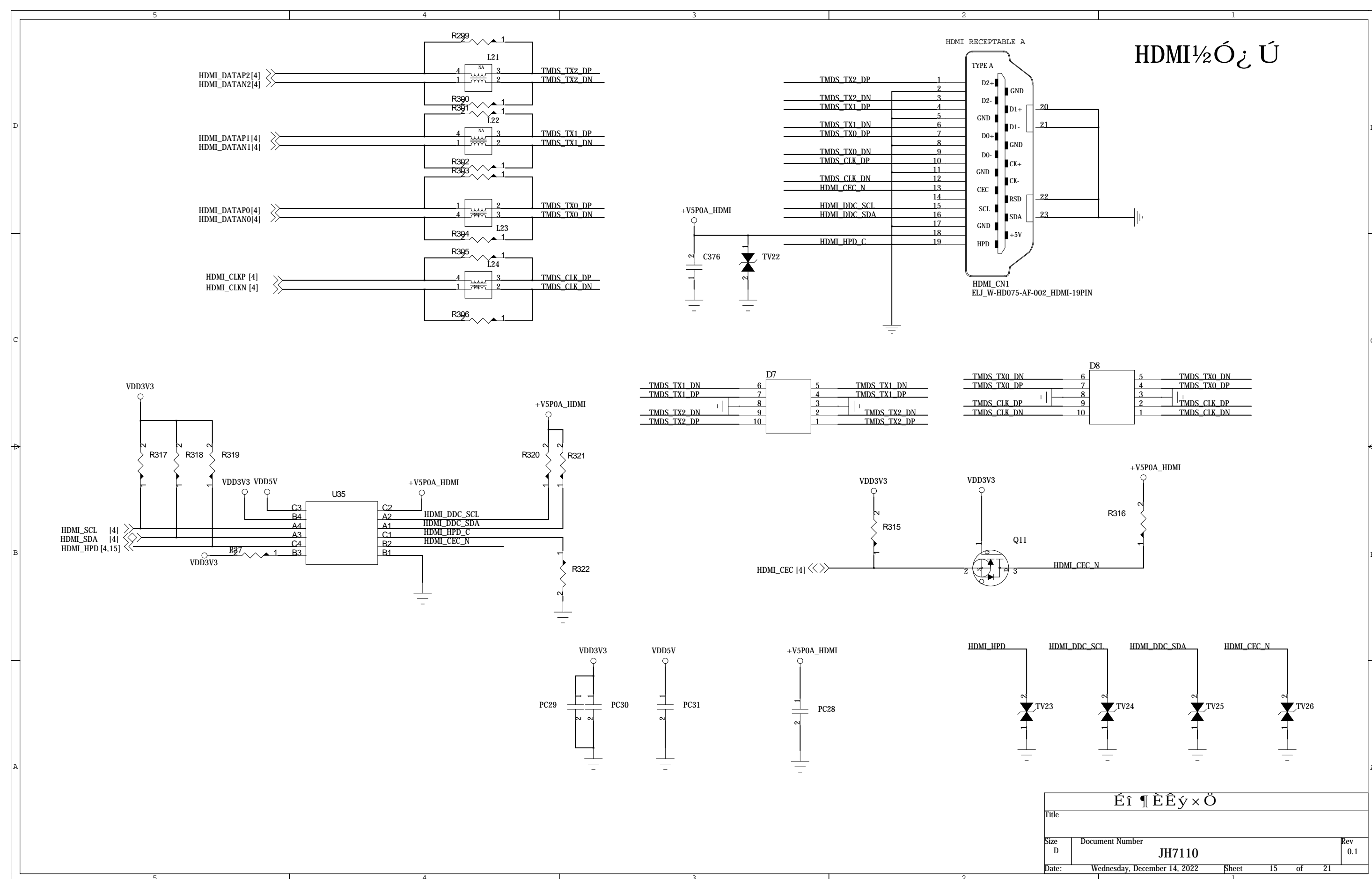








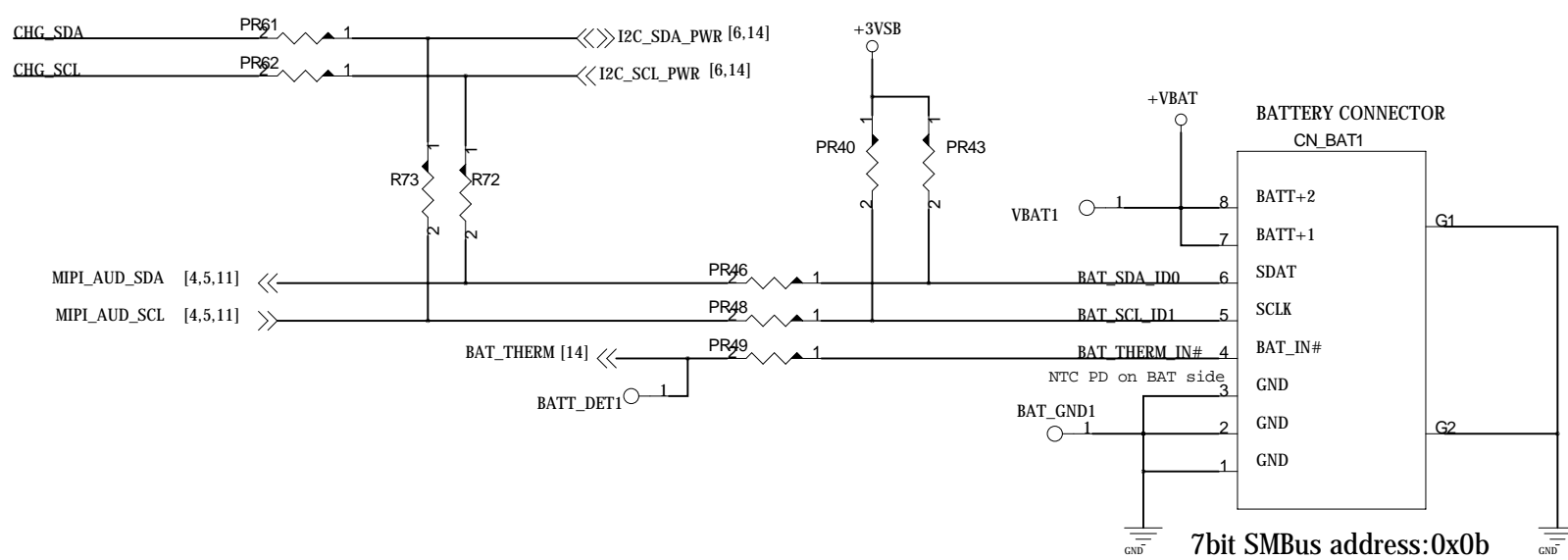
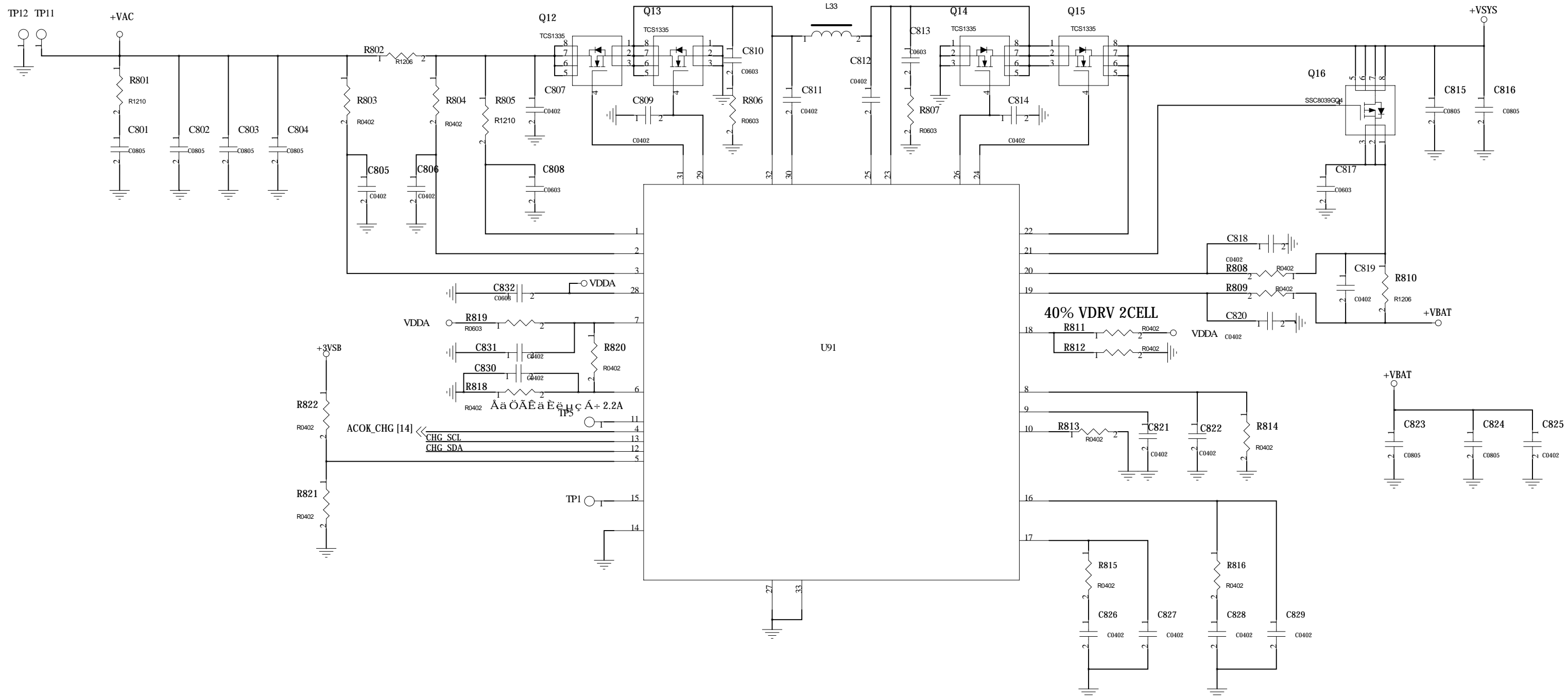


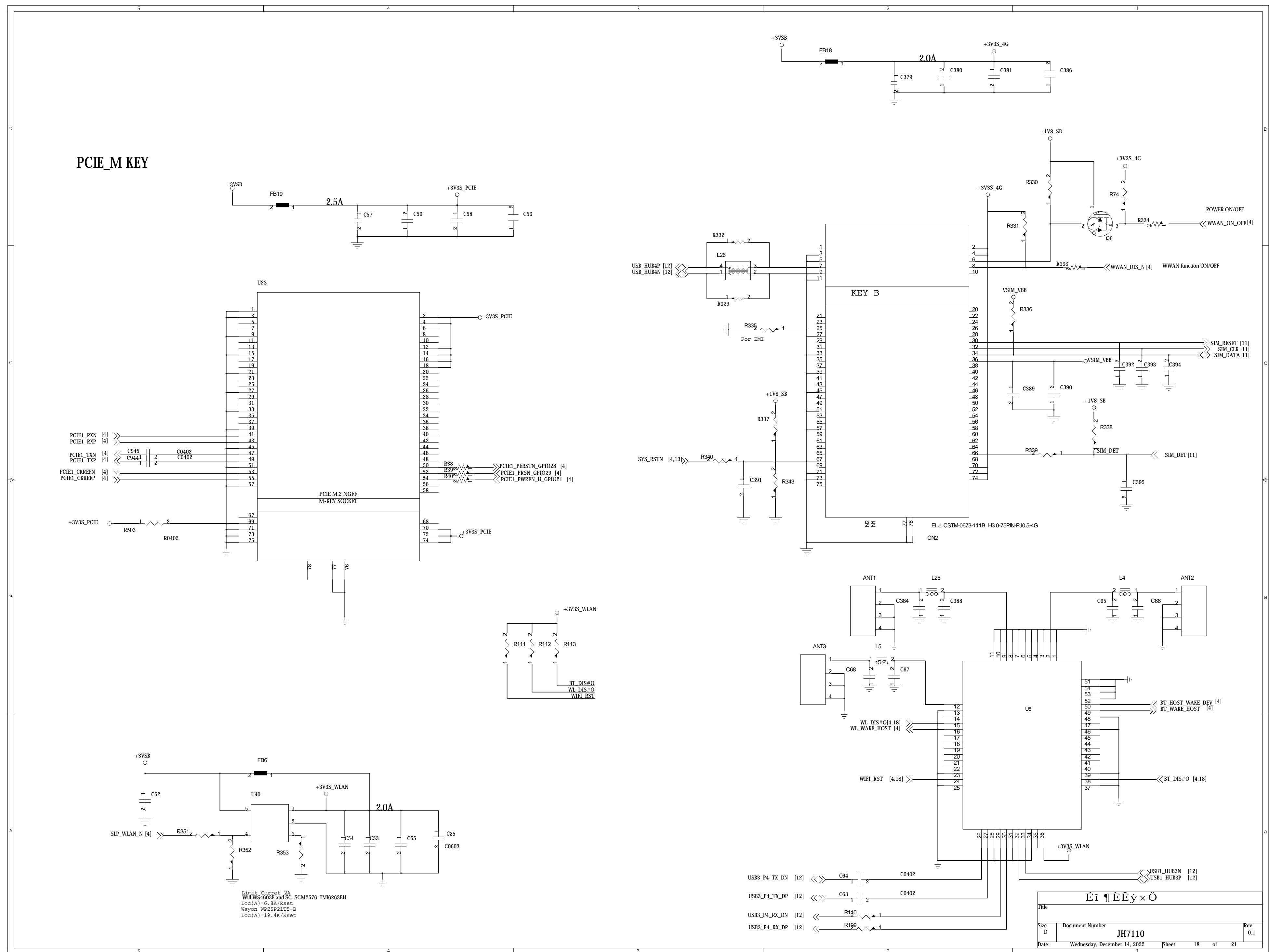


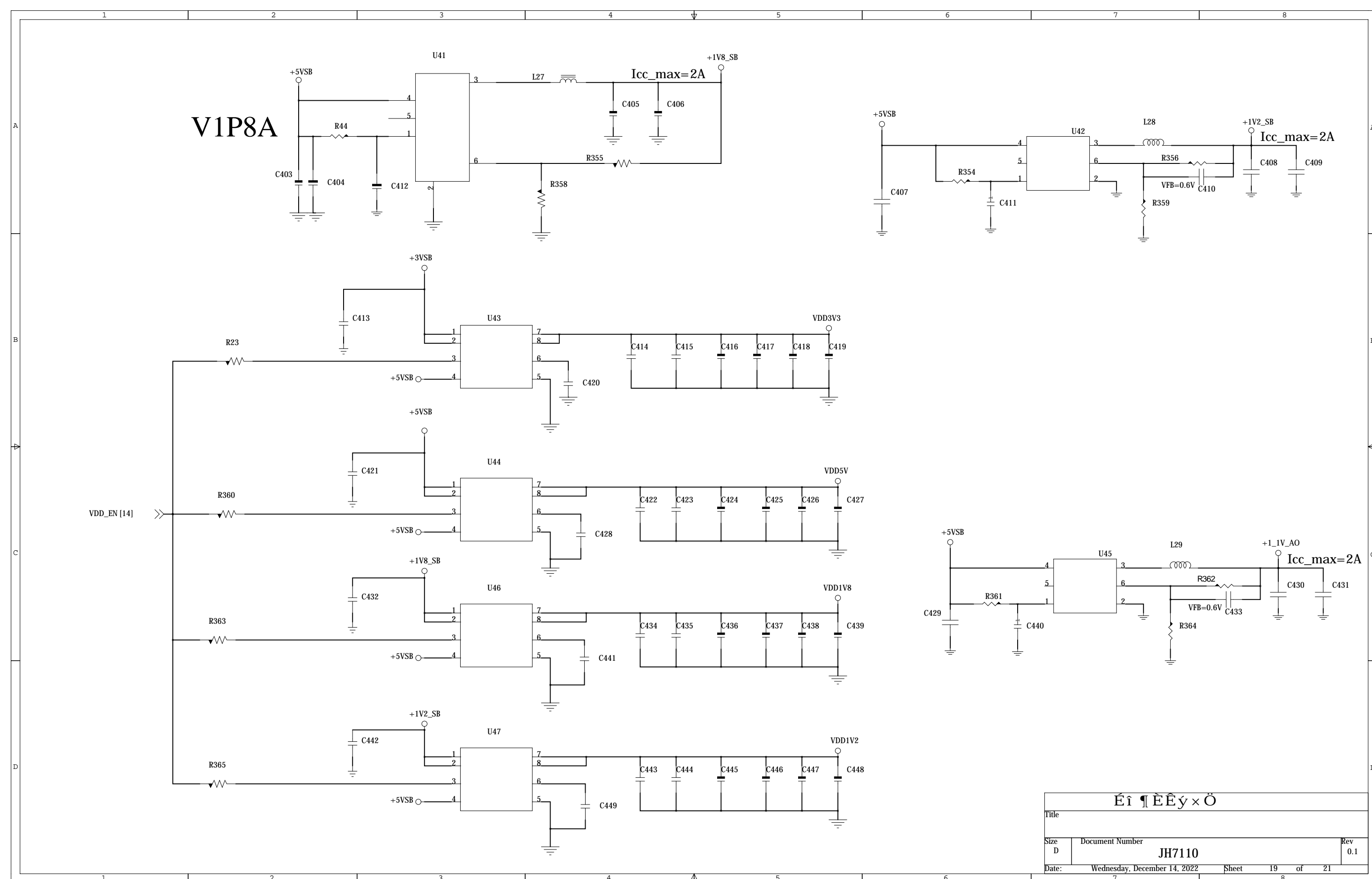
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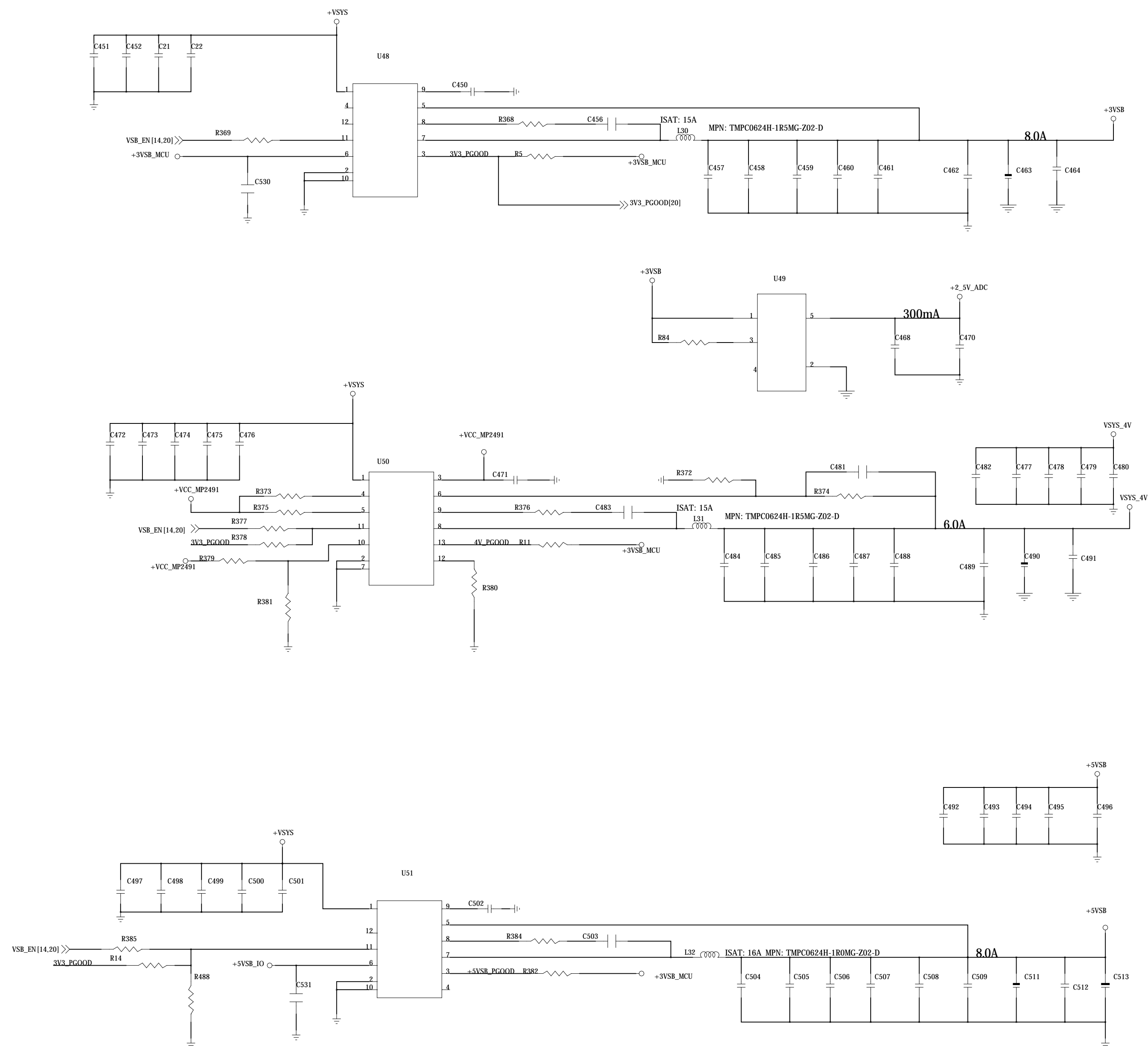
Charger

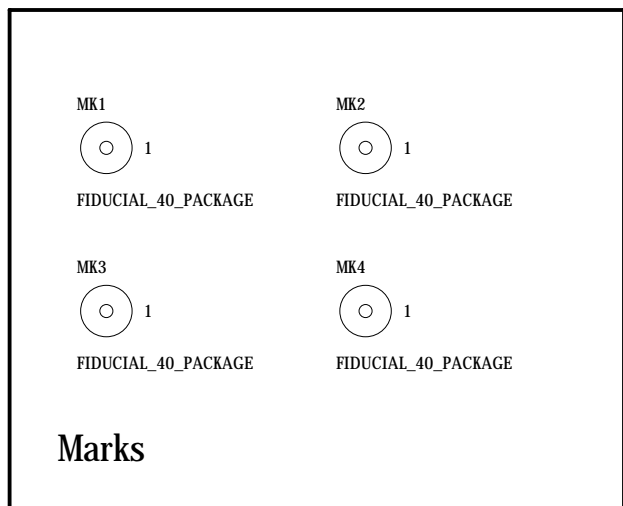
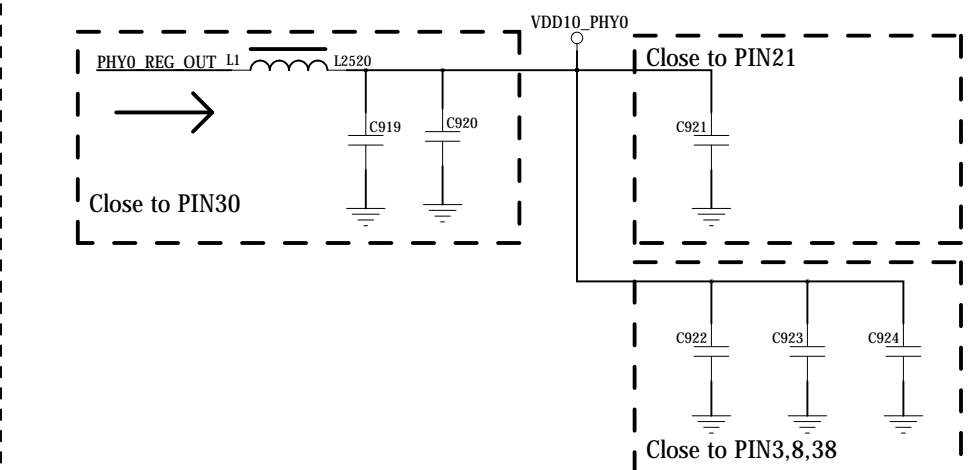
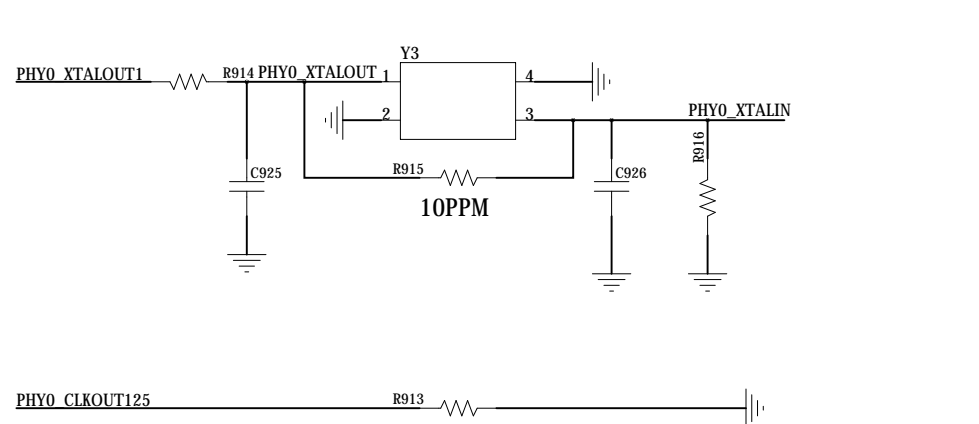
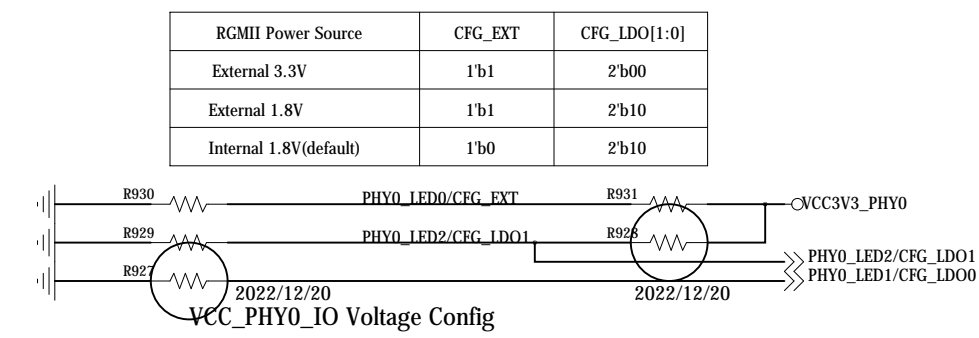






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