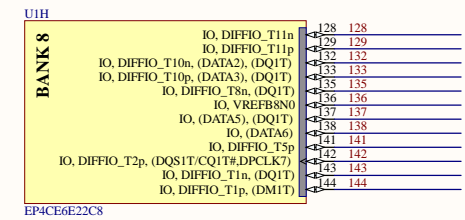
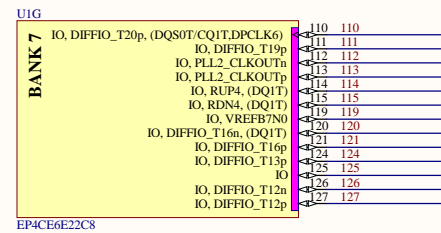
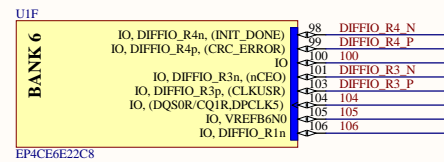
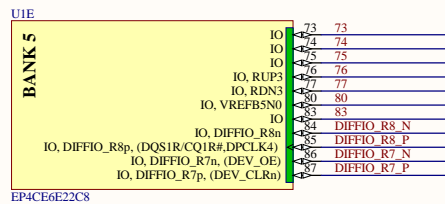
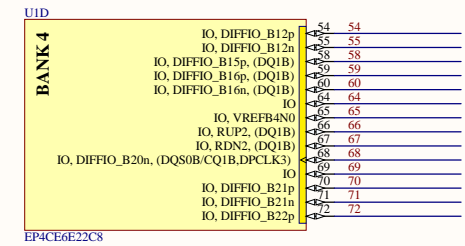
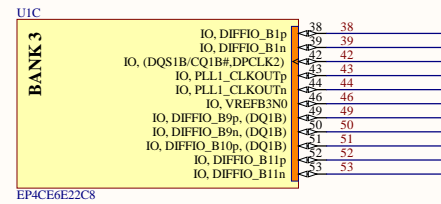
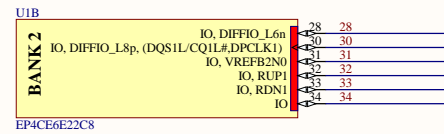
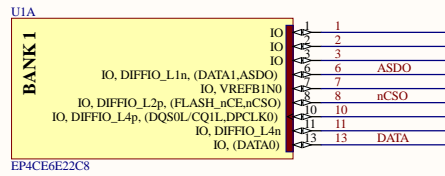
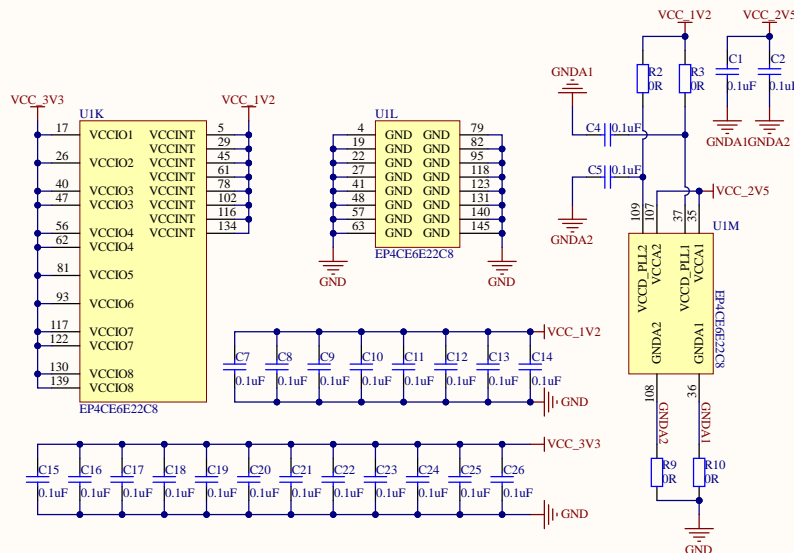


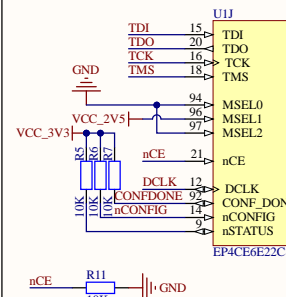
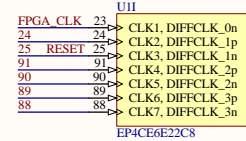
BANK



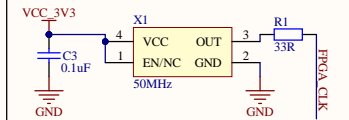
POWER



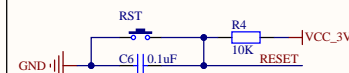
JTAG



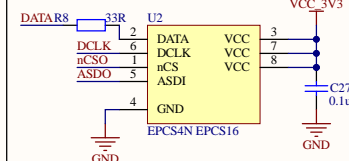
OSC



RESET

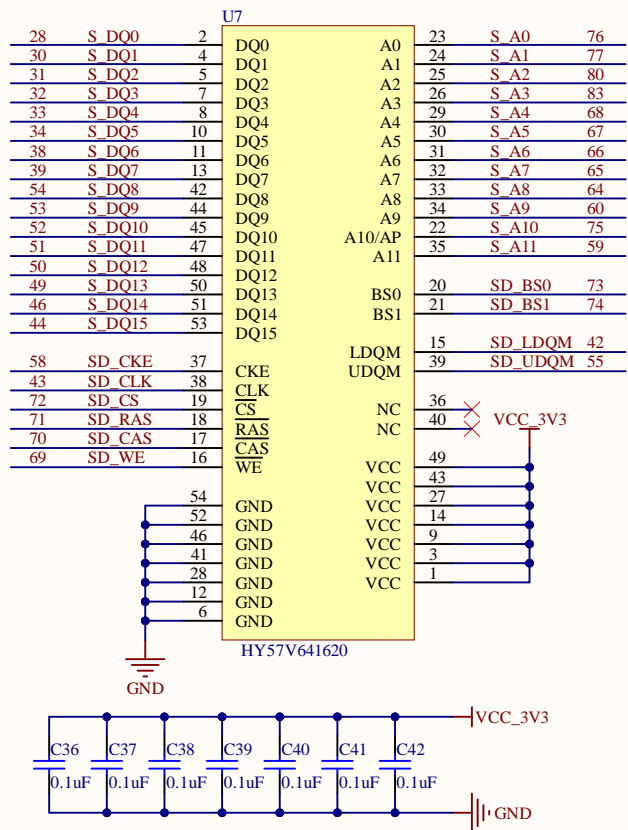


M25P16

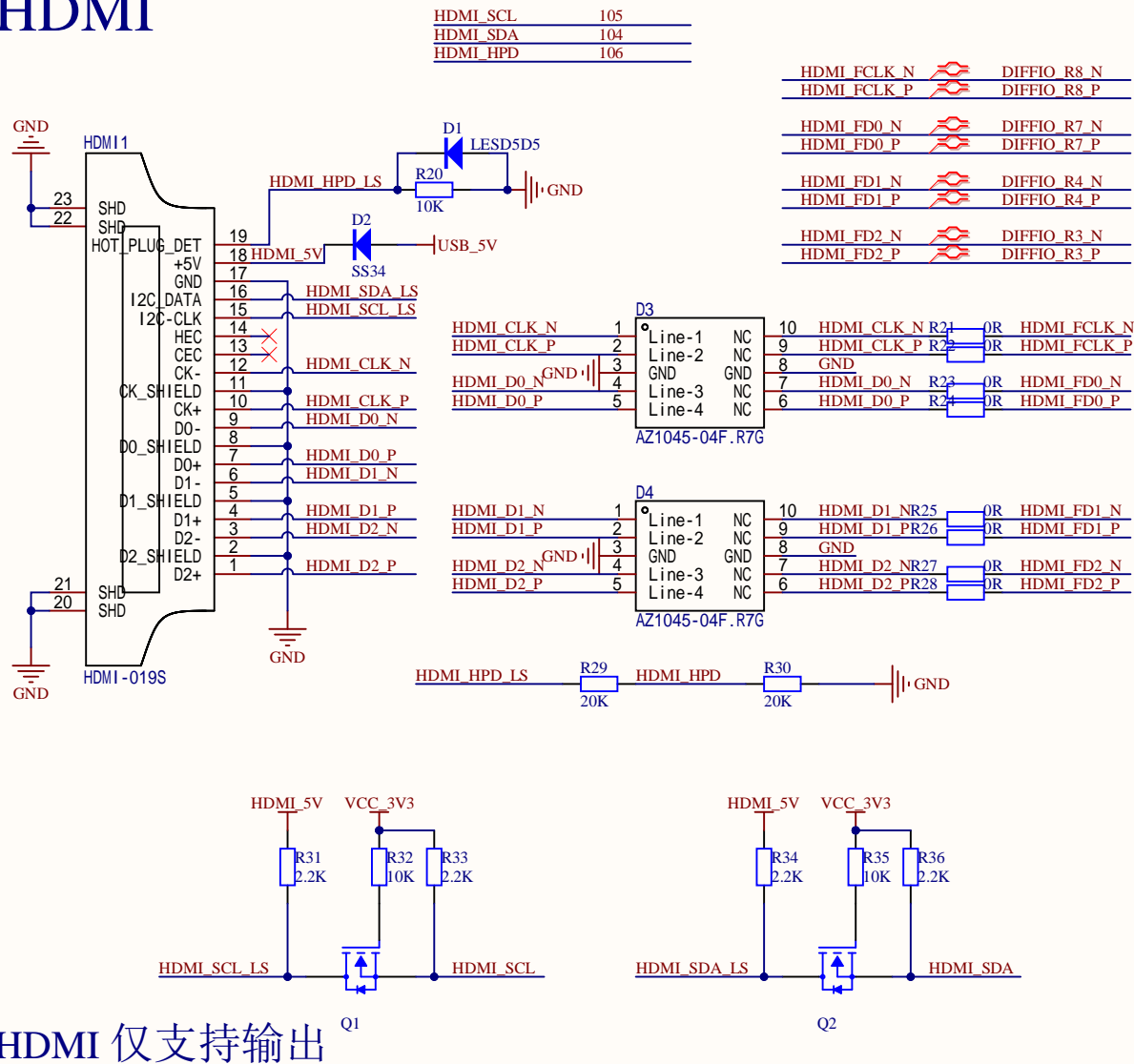


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SDRAM

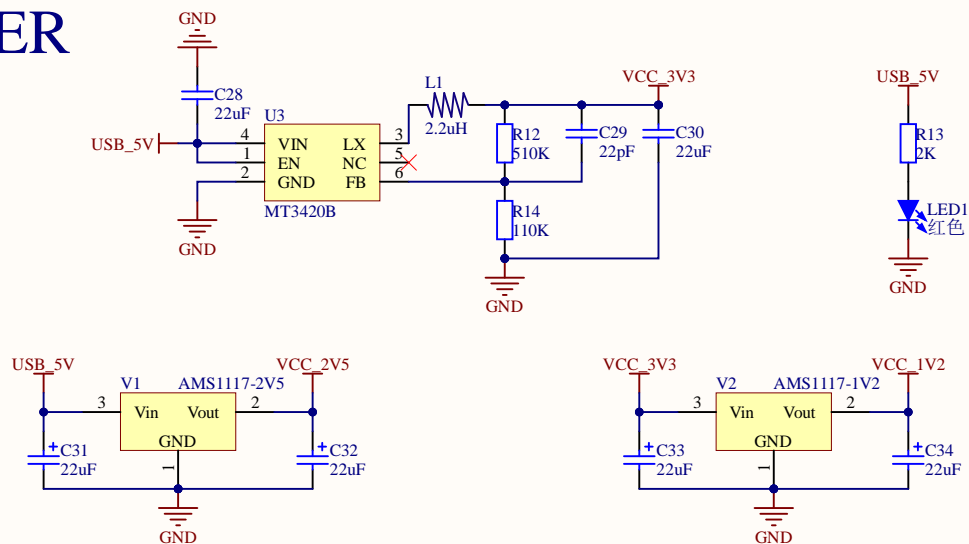


HDMI

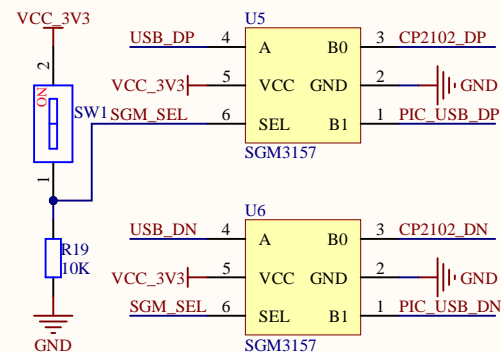


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POWER



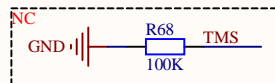
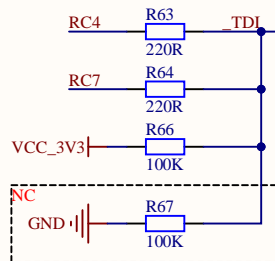
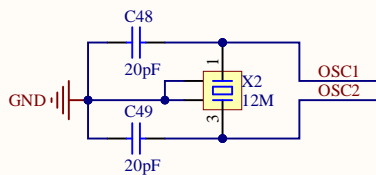
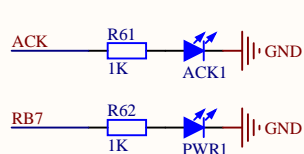
USB SEL



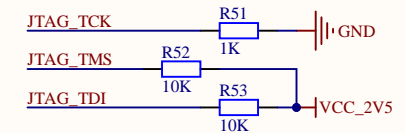
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USB_Blaster (JTAG)

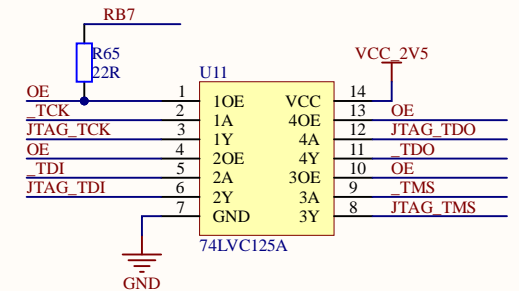
PIC18



LEVEL_Transfer

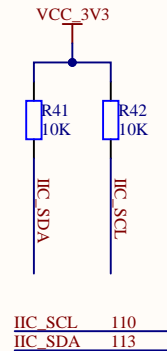
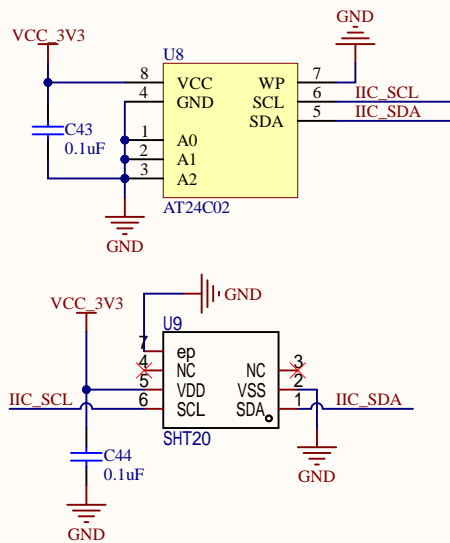


JTAG_TCK	TCK
JTAG_TMS	TMS
JTAG_TDI	TDI
JTAG_TDO	TDO

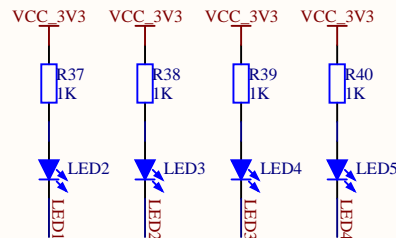


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I2C

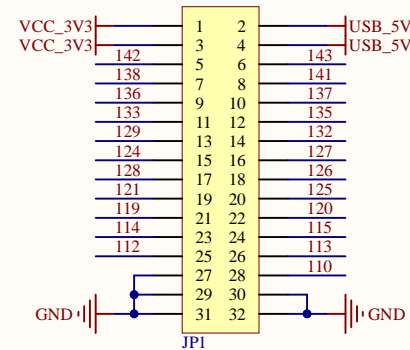


LED

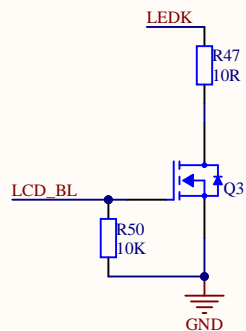
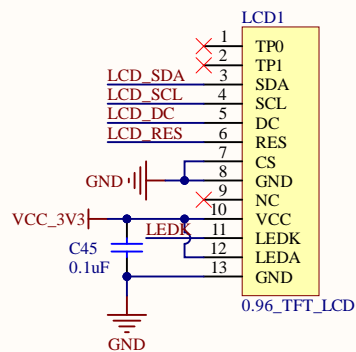


LED1	3
LED2	2
LED3	1
LED4	144

Connector

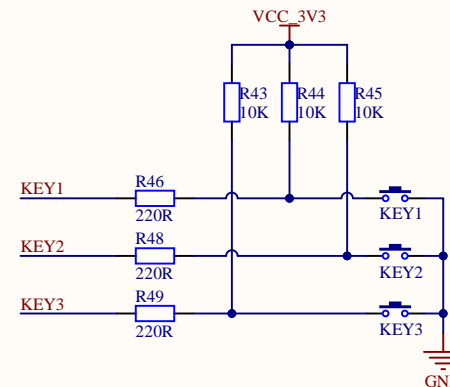


OLED



LCD_SDA	120
LCD_SCL	115
LCD_DC	112
LCD_RES	114
LCD_BL	119

KEY



KEY3	7
KEY2	10
KEY1	11

Title		
Size	Number	Revision
A4		
Date:	5/16/2023	Sheet of
File:	E:\AltiumDesigner\...\Peripheral.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
红色	贴片LED	ACK1_LED3	LED 0603G	0603_LED_G	2
0.1uF	贴片电容	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47	0402_C	0402_C	40
22uF	贴片电容	C28, C30	0603_C_MINI	0603_C_MINI	2
22pF	贴片电容	C29	0402_C	0402_C	1
22uF	贴片钽电容	C31, C32, C33, C34	CASE-A_3216	3216_C	4
20pF	贴片电容	C48, C49	0402_C	0402_C	2
LES5D5	肖特基二极管	D1	SOD-523_L1.2-W0.8-LS1.6-RD	1N5819	1
SS34	肖特基二极管	D2	SMC	SS34	1
AZ1045-04F.R7G	反向截止电压 (Vrwm):5V;击穿电压:6V;最大钳位电压:12V;	D3, D4	DFN2510-10_L2.5-W1.0-P0.50-BL	AZ1045-04F.R7G	2
HDMI-019S	连接器类型:HDMI;公母:母;总PIN位数:19;排数:-;安装方式:贴片;额定电流:500mA;工作温度范围:-25℃~+75℃;	HDMI1	HDMI-SMD_HDMI-019S	HDMI-019S	1
Header 2X11	16*2P接插件	JP1	HDR2.54-L1-2x16P	Header 16X2_2.54	1
3x6x5	3x6轻触开关	KEY1, KEY2, KEY3, RST	SW	TSW 3x6	4
2.2uH		L1	NR3015	L	1
0.96 TFT_LCD		LCD1	0.78 TFT_LCD	0.96 TFT_LCD	1
红色	贴片LED	LED1, LED4, LED5, PWR1	LED 0603R	0603_LED_R	4
红色	贴片LED	LED2	LED 0603B	0603_LED_B	1
AO3400A	N-MOS	Q1, Q2, Q3	SOT23-3	AO3400A	3
33R	贴片电阻	R1, R8	0402_R	0402_R	2
0R	贴片电阻	R2, R3, R9, R10	0603_R_MINI	0603_R_MINI	4
10K	贴片电阻	R4, R5, R6, R7, R11, R17, R19, R20, R32, R35, R41, R42, R43, R44, R45, R50, R52, R53, R54	0402_R	0402_R	19
510K	贴片电阻	R12	0402_R	0402_R	1
2K	贴片电阻	R13	0402_R	0402_R	1
110K	贴片电阻	R14	0402_R	0402_R	1
5.1K	贴片电阻	R15, R16	0402_R	0402_R	2
120R	贴片电阻	R18	0402_R	0402_R	1
0R	贴片电阻	R21, R22, R23, R24, R25, R26, R27, R28	0402_R	0402_R	8
20K	贴片电阻	R29, R30	0402_R	0402_R	2
2.2K	贴片电阻	R31, R33, R34, R36	0402_R	0402_R	4
1K	贴片电阻	R37, R38, R39, R40, R51, R61, R62	0402_R	0402_R	7
220R	贴片电阻	R46, R48, R49, R55, R57, R59, R60, R63, R64	0402_R	0402_R	9
10R	贴片电阻	R47	0402_R	0402_R	1
100K	贴片电阻	R56, R58, R66, R67, R68	0402_R	0402_R	5
22R	贴片电阻	R65	0402_R	0402_R	1
CSW-1P	1路编码开关	SW1	SW-SMD_DSIC01LSGET	CSW-1P	1
EP4CE6E22C8	Cyclone IV Family FPGA, 2V Core, 91 I/O Pins, 2 PLLs, 144-Pin QFP, Speed Grade 8, Commercial Grade	U1	EQFP144 20X20_N	EP4CE6E22C8	1
EPCS4N EPCS16		U2	SOP8_M	EPCS1	1
MT3420B	DCDC	U3	SOT23-6L	MT3420B	1
CP2102	USB转TTL	U4	QFN28 5x5_N	CP2102	1
SGM3157	模拟开关	U5, U6	SC-70-6_L2.2-W1.3-P0.65-LS2.2-BR	SGM3157	2
HY57V641620	HY57V641620	U7	TSOP-54_L22.2-W10.2-P0.80-LS11.8-BL	HY57V641620	1
AT24C02		U8	SOP8_N	AT24C02	1
SHT20	I2C接口, 数字式温湿度传感器, 电压范围: 2.1至3.6 V	U9	DFN-6_L3.0-W3.0-P0.95-TR-EP	SHT20	1
PIC18F14K50-I/SS		U10	SSOP20_L	PIC18F14K50-I/SS	1
74LVC125A		U11	TSSOP14_N	74LVC125A	1
Type-C		USB1	Type-C-TOP	USB-Type-C-TOP	1
AMS1117-2V5	三端稳压芯片	V1	SOT89_N	AMS1117	1
AMS1117-1V2	三端稳压芯片	V2	SOT89_N	AMS1117	1
50MHz	4脚有源晶振	X1	OSC 7050-4P	XTAL-ACT-4P	1
12M	4脚无源晶振	X2	OSC 3225-4P	XTAL-4P	1