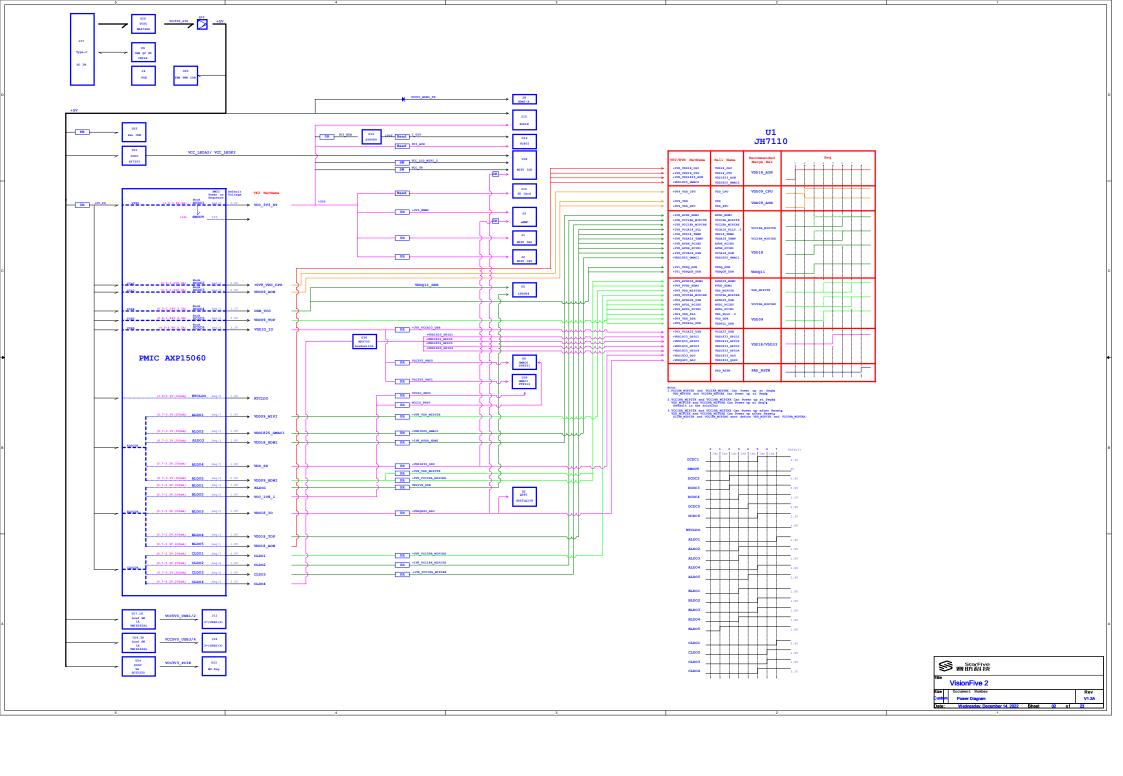


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Title	VisionFive 2			
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Custom	System Diagram			V1.2
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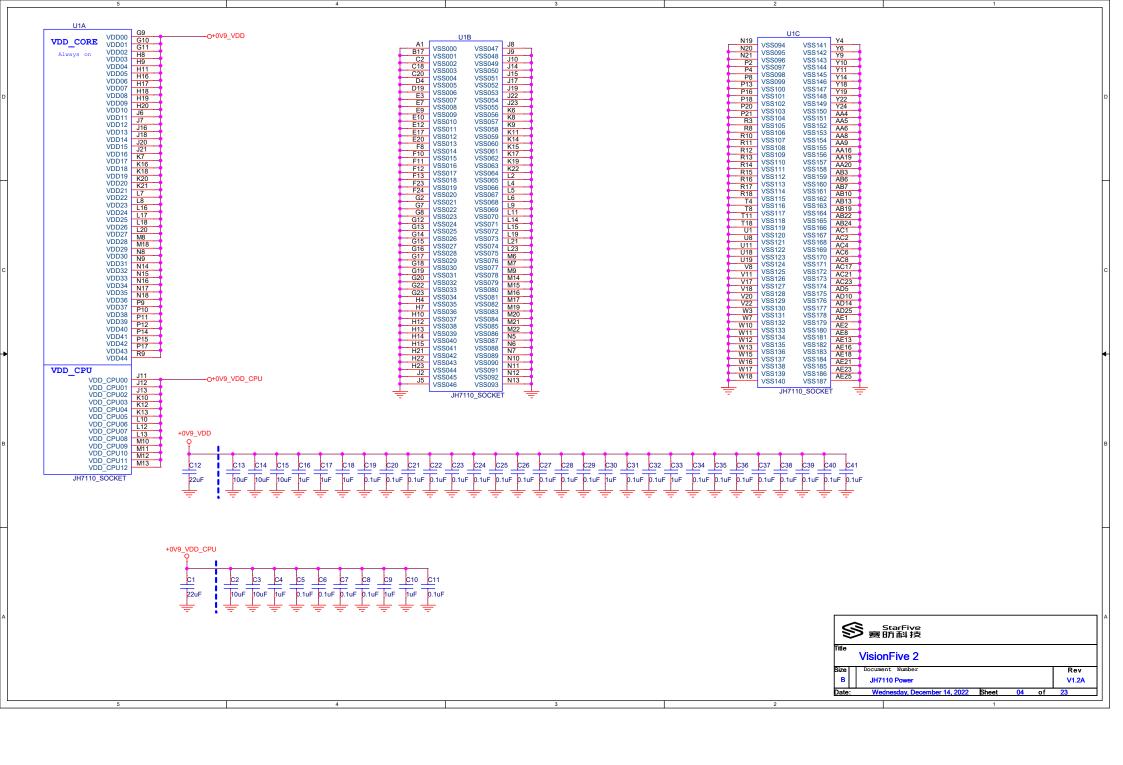


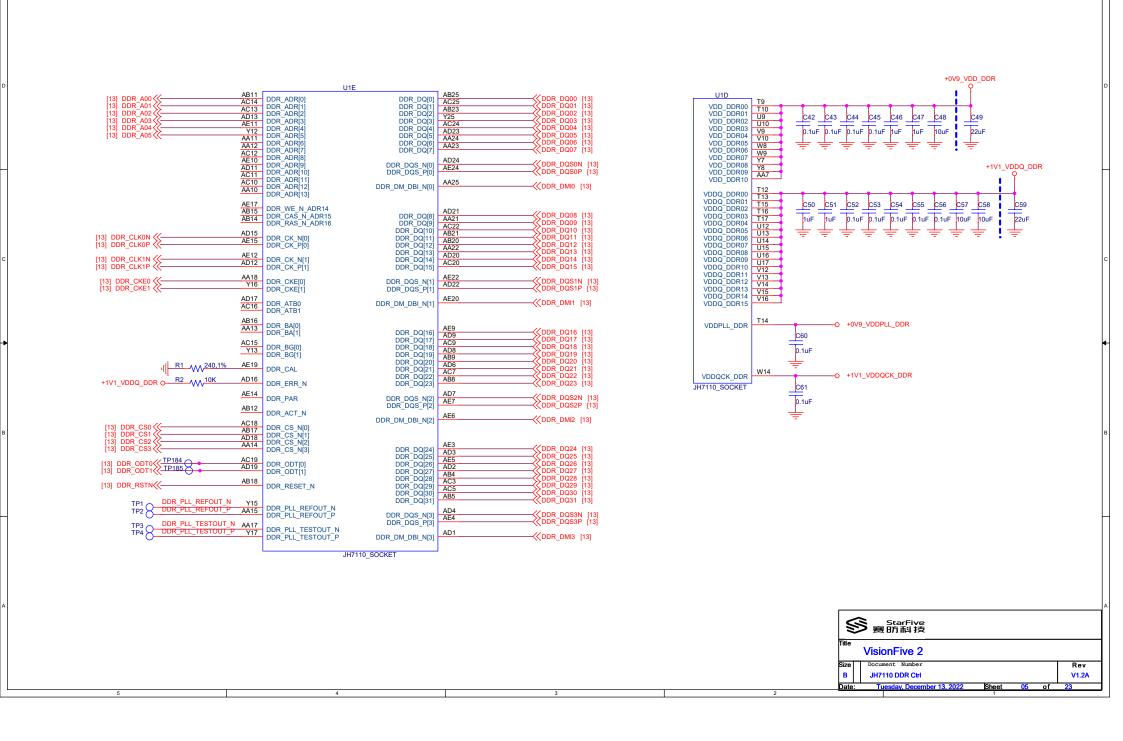
wer Group	GPIO	Name Default E	TUN Devices	Notes
	GPIO00	HDMI 12C SCL GPI	00 HDMI: J8	
	GPIO01	HDMI I2C SDA GPI	01 HDMI: J8	
	GPIO02	DSI I2C SDA GPIO DSI I2C SCL GPIO	2 LCD TP:U32 & MIPI TK J1 3 LCD TP:U32 & MIPI TK J1	
VDD1833_GPI03	GPIO03 GPIO04	I2SMCLK	OSC: U13	
	GPI005	UARTO TX GPIO5	40PIN: J15	
	GPI006	UARTO RX GPIO6	40PIN: J15	
	GPIO07	SD SDIO1 D2 GPIO		
	GPI008	SD SDIO1 D3 GPIO SD SDIO1 CMD GPI	8 Micro SD:J10	
	GPIO09 GPIO10	SD SDIOI CMD GPI	09 Micro SD:J10 010 Micro SD:J10	
	GPIO11	SD SDIO1 CDR GFIO		
	GPIO12	SD SDIO1 D1 GPIO	12 Micro SD:J10	
DD1833_GPIO4	GPIO13 GPIO14	GMAC PHYRSTN GPIO HDMI CEC GPIO14	O13 GMAC0:U6 & GMAC1 U9 HDMI: J8	
	GP1014 GP1015	HDMI CEC GPI014 HDMI HPD GPI015	HDMI: J8	
	GPIO16	CSI I2C SCL GPIO	16 MIPI RX:J2	
	GPIO17	CSI I2C SDA GPIO	17 MIPI RX:J2	
	GPIO18 GPIO19	CSI PWDNO GPIO18	MIPI RX: J2	
	GP1019	PMIC I2C SCL GPIO PMIC I2C SDA GPIO	019 PMIC:U22 & EEPROM: U30 020 PMIC:U22 & EEPROM: U30	
	GPI021	PCIE1 PWREN H GP		
	GPI022	MIPI PWR EN	LCD TP:U32	
	GPI023	LCD_RESET	LCD TP:U32	
	GPIO24 GPIO25	MIPT LCD BL TP DET GPIO25	LCD TP: U32 LCD TP: U32	
	GP1025 GP1026	PCIEO PERSTN GPI	026 VL805: U16	
D1833 GPI01	GPIO27	PCIEO PRSN GPIO2		
· · · · - · · · ·	GPIO28	PCIE1_PERSTN_GPI		
	GPI029 GPI030	PCIE1 PRSN GPIO2	9 Mkey: U23	
	GP1030 GP1031	TP INT L TP RST L	LCD TP:U32 LCD TP:U32	
	GPI032	PCIEO PWREN H GP	IO32 VL805: U16	
	GPI033	DAC PWML GPI033	AUDIO JK:J4	
	GPI034 GPI035	DAC PWMR GPI034 WDO GPI035	AUDIO JK: J4 RSET IC: U35	
			·	
	GPI036 GPI037	GPIO36 GPIO37	40PIN: J15 40PIN: J15	
	GPI038	GPI038	40PIN: J15	
	GPIO39	GPI039	40PIN: J15	
	GPIO40 GPIO41	GPIO40 SD SDIO0 CD GPIO	40PIN: J15	
	GP1041 GP1042	GPIO42	41 Micro SD: J10 40PIN: J15	
	GPIO43	GPIO43	40PIN: J15	
	GPIO44	GPIO44	40PIN: J15	
	GPIO45 GPIO46	GPIO45 GPIO46	40PIN: J15 40PIN: J15	
	GPIO47	GPIO47	40PIN: J15	
D1833_GPIO2	GPIO48	GPIO48	40PIN: J15	
_	GPI049 GPI050	GPIO49 GPIO50	40PIN: J15	
	GP1050 GP1051	GPI050 GPI051	40PIN: J15 40PIN: J15	
	GPIO52	GPI052	40PIN: J15	
	GPIO53	GPI053	40PIN: J15	
	GPI054 GPI055	GPI054 GPI055	40PIN: J15 40PIN: J15	
	GPIO56	GP1033 GP1056	40PIN: 313 40PIN: J15	
	GPIO57	GPI057	40PIN: J15	
	GPIO58	GPI058	40PIN: J15	
	GPI059 GPI060	GPIO59 GPIO60	40PIN: J15 40PIN: J15	
	GP1061	GP1060	40PIN: 313	
	GPI062	SDIOO RSTN GPIO6.	2 eMMC: J9	
	GPI063	GPI063	40PIN: J15	
	RGPIO0	Boot Mode	077 01004	
VDD18_AON	RGPI01 RGPI02	Boot Mode Boot Mode	SW: S1804 SW: S1804	
	RGPI03	STS PWR	LED3	1

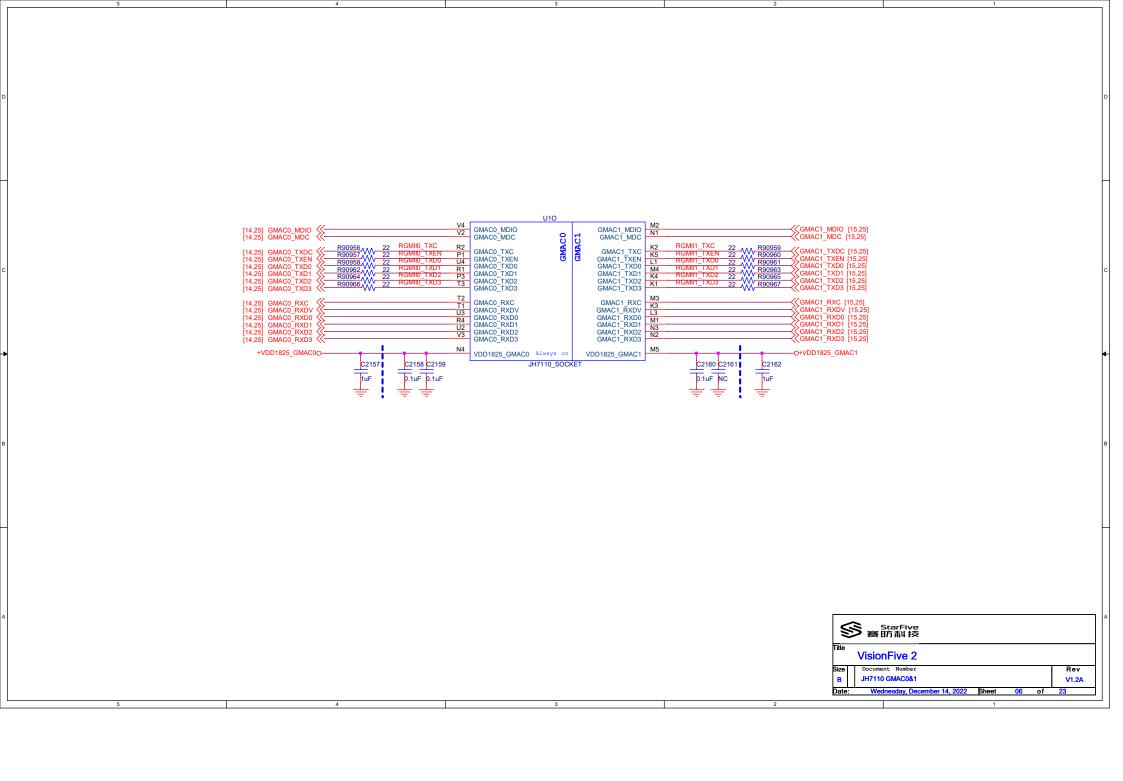
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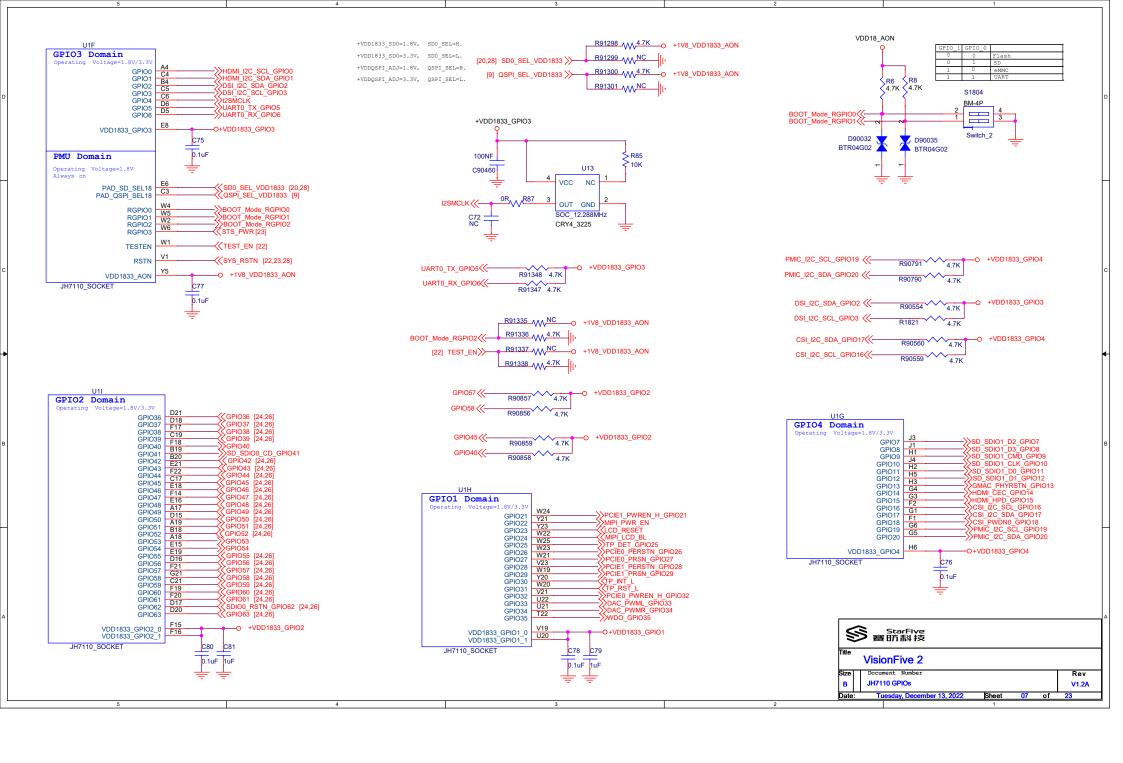
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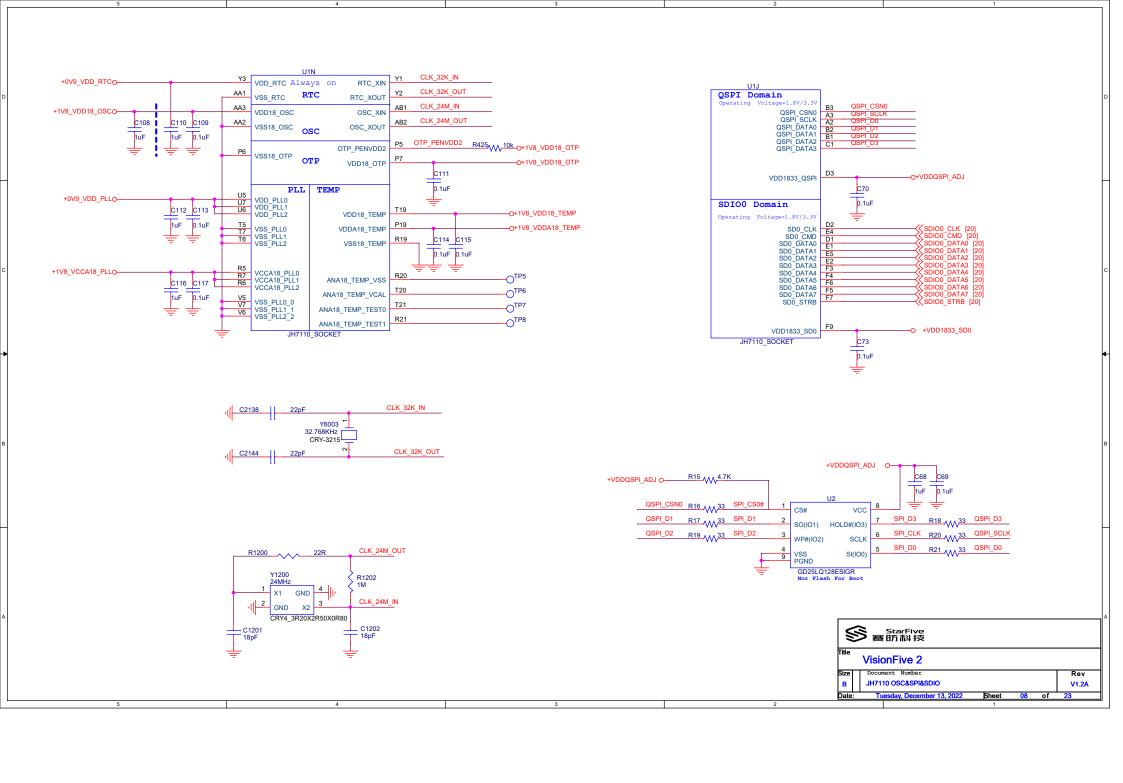
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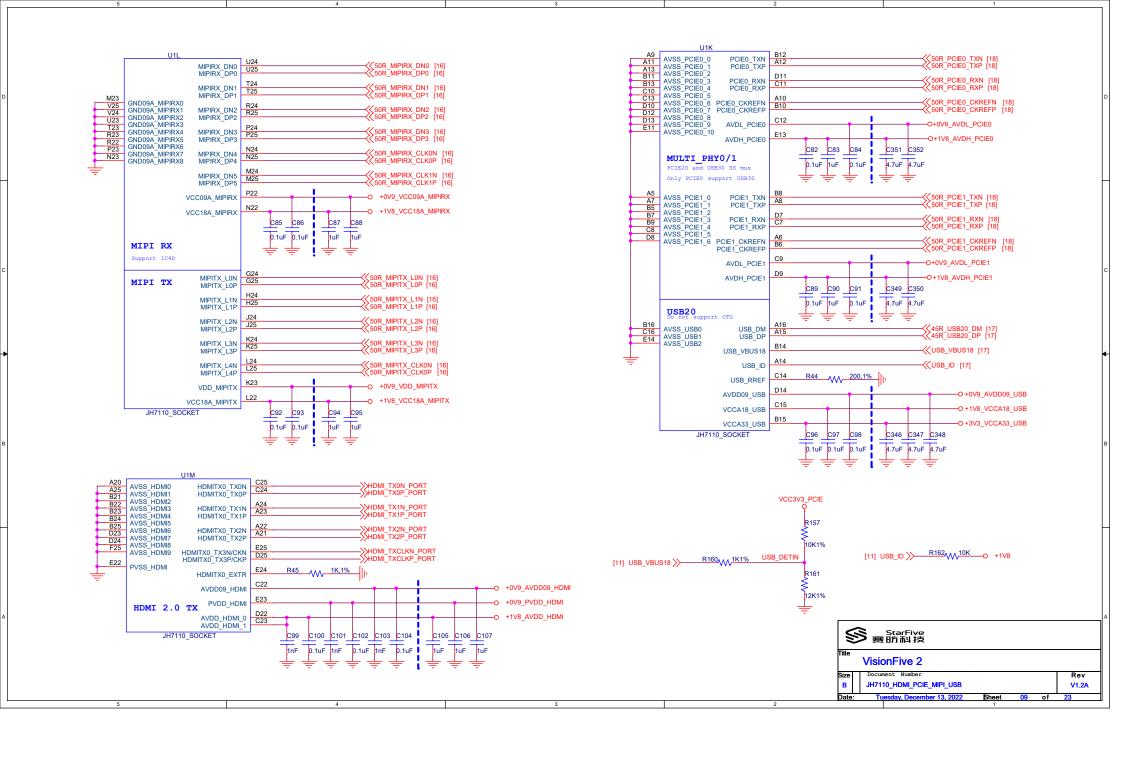


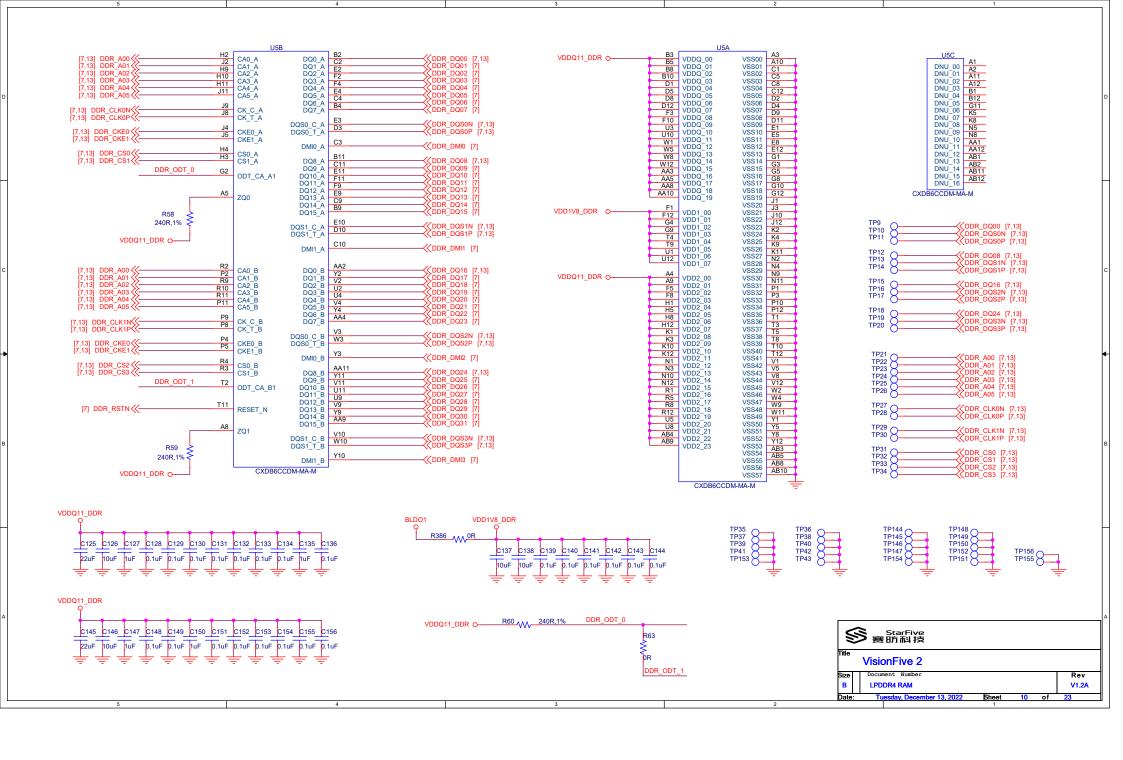


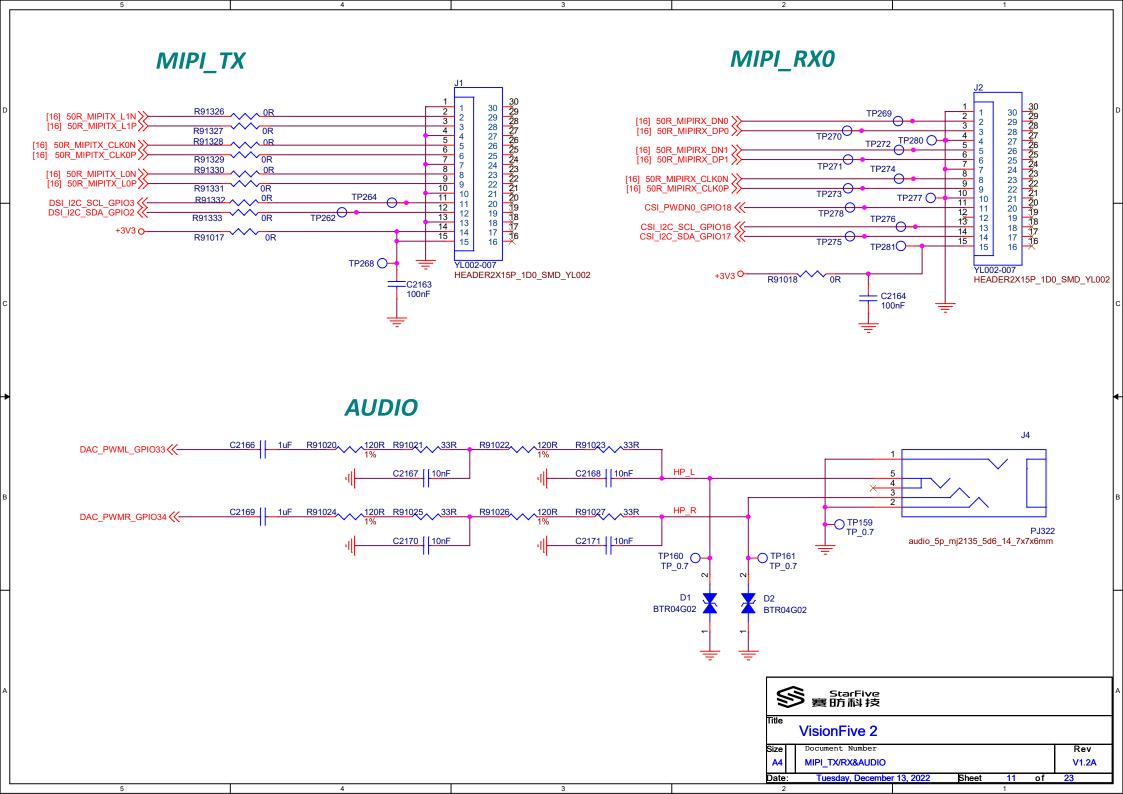


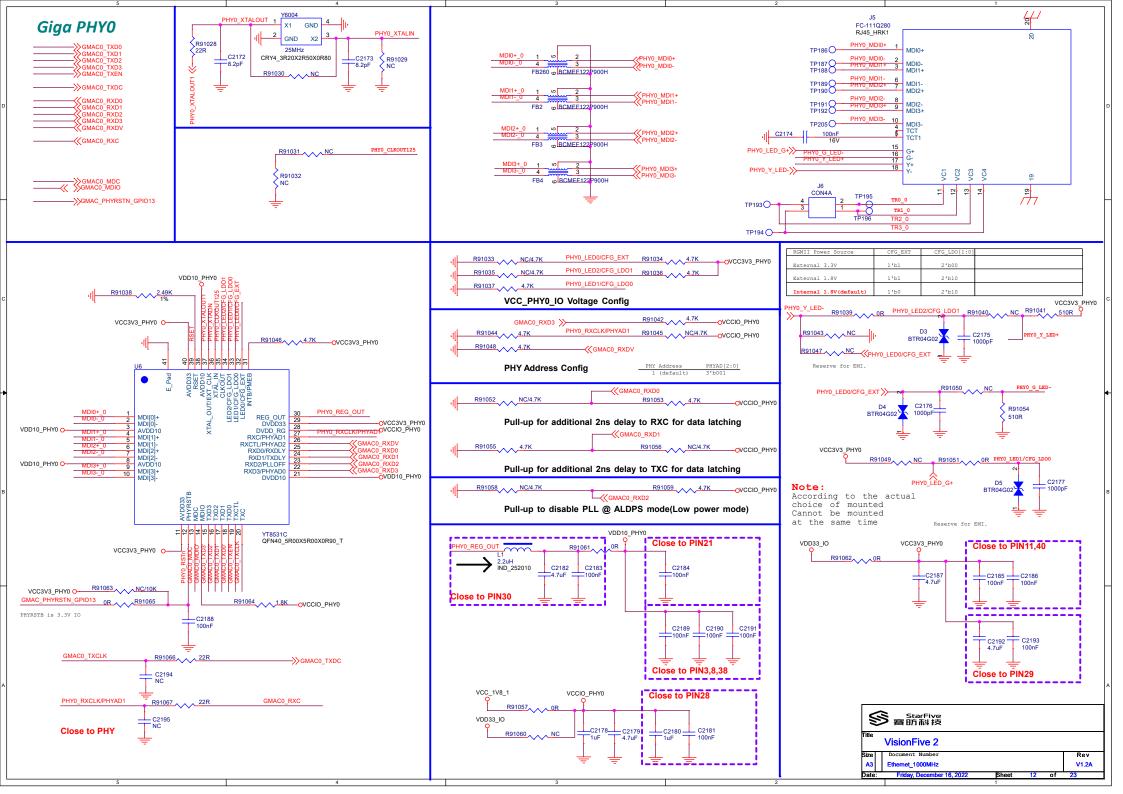


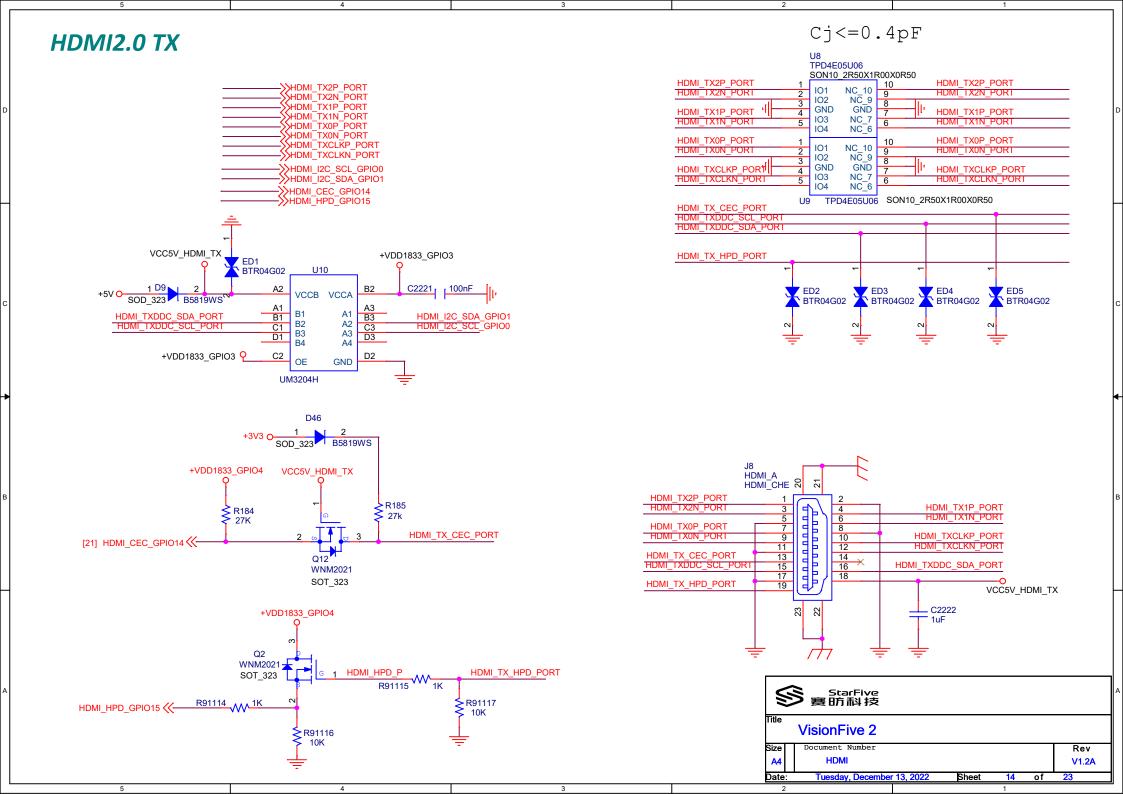












Giga PHY1

