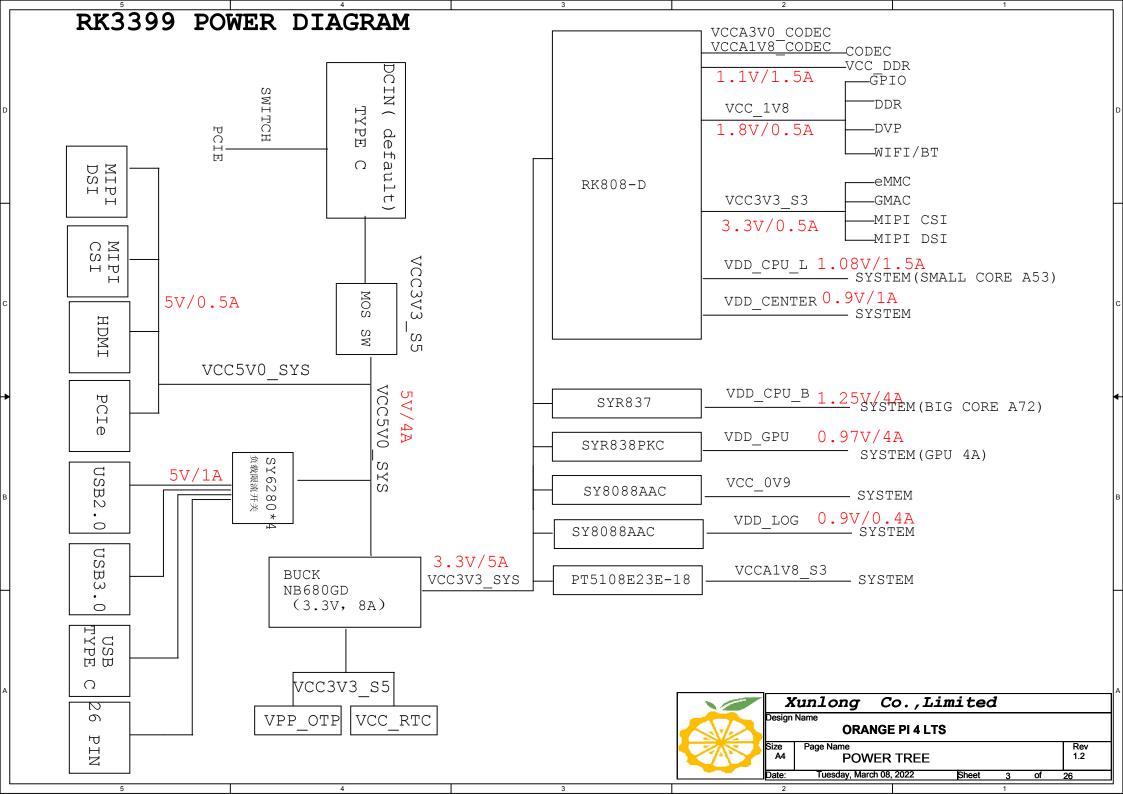
Version	Date		Change Note Approv	ed
v1.0	20190102		NOTE: 1. 去掉SATA, HDMI接口 2. 去掉DVP接口	
v1.0	20190308		NOTE: 1.Page21,新增LCM接口,原CAM接口定义变更使之兼容屏,并新增LCM及CAM自动识别电路。 2.Page25,原24PIN PCIE接口座子改为侧插24PIN ZIF座子(变更PCB封装);删除了USB连接;	
v1.0	20190311		NOTE: 1.Page25,PCIE座子恢复USB接口连接;	
v1.0	20190312		NOTE: 1. Page25, PCIE座子删除USB接口连接; 2. 12C1上拉电源开关电路兼容跳选电阻; 3. PCIE座子改为立式24PIN;	
v1.0	20190313		NOTE: 1 Page25,PCIE 班子删除USB接口连接: 2 I2C1上拉电影开关电路塞存跳速电阻; 3 Page21,预冒的3.3Vg1.8V电源删除。改由PMU输出的VCC3V3_S3及VCC1V8_DVP供电; 4 Page21, I2C2上拉电速式外PMU输出的VCC3V0_TOUCH及VCC1V8_PMUPLL提供; 5 page24,Tipe-CRL流开关中部使能控制脚; 6 Page34,Tipe-SQ26/ICC2从TT期加上拉电阻; 8 Page24,FUSB3026/ICC2从TT期加上拉电阻; 8 Page24,FUSB3026/ICC2从TT期加上拉电阻; 8 Page24,FUSB3026/ICC2从TT期加上拉电阻; 8 Page24,FUSB3026/ICC2从TT期加上拉电阻;	
v1.0	20190708		1.Page23, AP6256 41、44引脚CTS、RTS网络对调; 2.Page9, LPDDR4电源网络VCC1V8_DDR接到VCC_1V8网络; 3.Page8, CPU电源电容群部分; C6,C9删除,C10改为10uF; C16,C17,C24,C25,C26,C40,C41,C42,C43,C44,C32,C33改为100nF; C8,C10,C11,C12,C16,C17,C18,C19,C23,C24,C25,C26,C27,C28,C31,C32,C33,C34,C35,C39,C40,C41,C42,C43,C44,C45,C46封装改为0402;	
	20190717		4.Page13, 增加ADC轻触按键电路: R8102、SW2107、C9055、ESD38; 5.Page15, 删除BORAD ID电路R74、R85、R68、R69; 6.Page15, TOUCH_RST_L1改用GPIO4_D1; 7.Page21, 删除LCD&CAM自动识别电路Q65033\Q65034\Q3\R90380\R90383\R90384, 改用IC FSA415	7P6X(U919);
	20190722		8. Fage21, 删除上拉电平切换电路U919, R906; 9. Fage15, I2C上拉电压改为VCCIV8_PMUPLL; 10. Fage23, 37.4MHZ晶体X7匹配电容C90169、C190改为15pF; 11. Fage15, 删除多余网络WL-WAKE-AP与GPIO4_D5的连接,同时删除R436,GPIO4_D5改接CTP1_INT1 12. Fage15, VCC5V0 TYPEC EN网络连接由GPIO4_D2改为GPIO2_B4,GPIO4_D2改接CSI_EN_CTF_RST;	网络;
	20190725		13. Page23,删除电阻R134、R135以优化晶体走线; 14. Page25,GPIO座PIN7脚接改GPIO4 C6/PWM1; PCIE座P23脚改为GPIO1 A0;	
	20190726		15.Page21, CAM座子J4702复位信号CSI_RST_H与J8402共用,改为独立GPI00_A6控制CSI_RST_C; 16.Page21, CAM座子J4702改为与J4701共用I2C2; 17.Page21, 删除R90250、R90251;	
	20190821		18.Page21, J4701 EDP_CABC_EN改为接GPI00_B5; 19.Page23, C90169、C190改为12pF; 20.Page26, 位号P3 USB座子PIN1-PIN4引脚定义倒置重新调整网络连接;	
	20190822		21. Page 23, 新增电容 C3 23; 22. Page 05, U90 17 电池座改为焊盘TP 50 28 4、TP 50 28 5; 23. Page 25, 调试串口串接 R90 40 6、R90 40 7 1 k 电阻;	
	20190930	V1.2	24.Page23, WIFI天线匹配C90171、C411、C90168改为0402; 25.Page23, R138预留上拉,改为预留下拉到地; 26.Page26, C323改为4.7uF;	
	20191030	V1.3	27.Page25, PCIE座子新增USB0 DM、DP连接;	
	20210426	V1.5	28.Page22, Audio Codec 更改为ES8316; 29.Page19, PHY芯片 更改为RTL8211F;	
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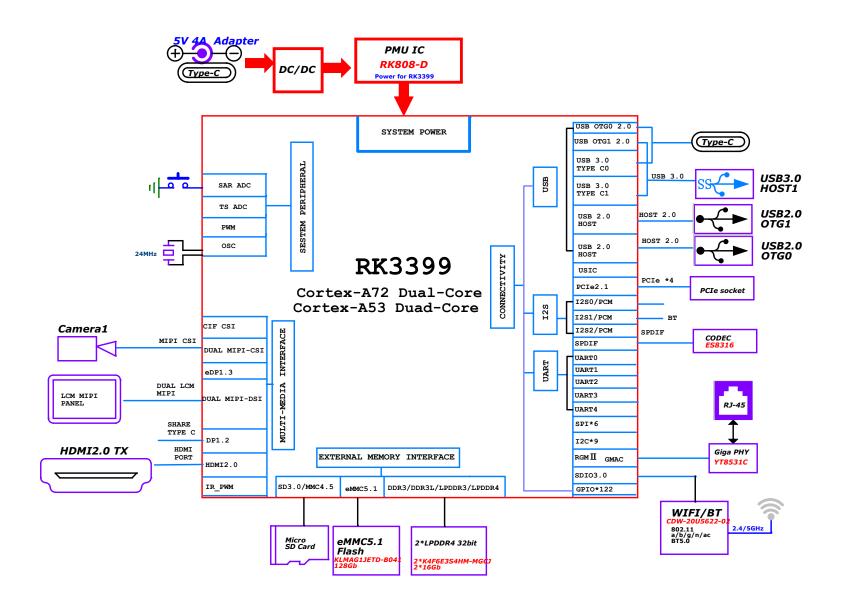
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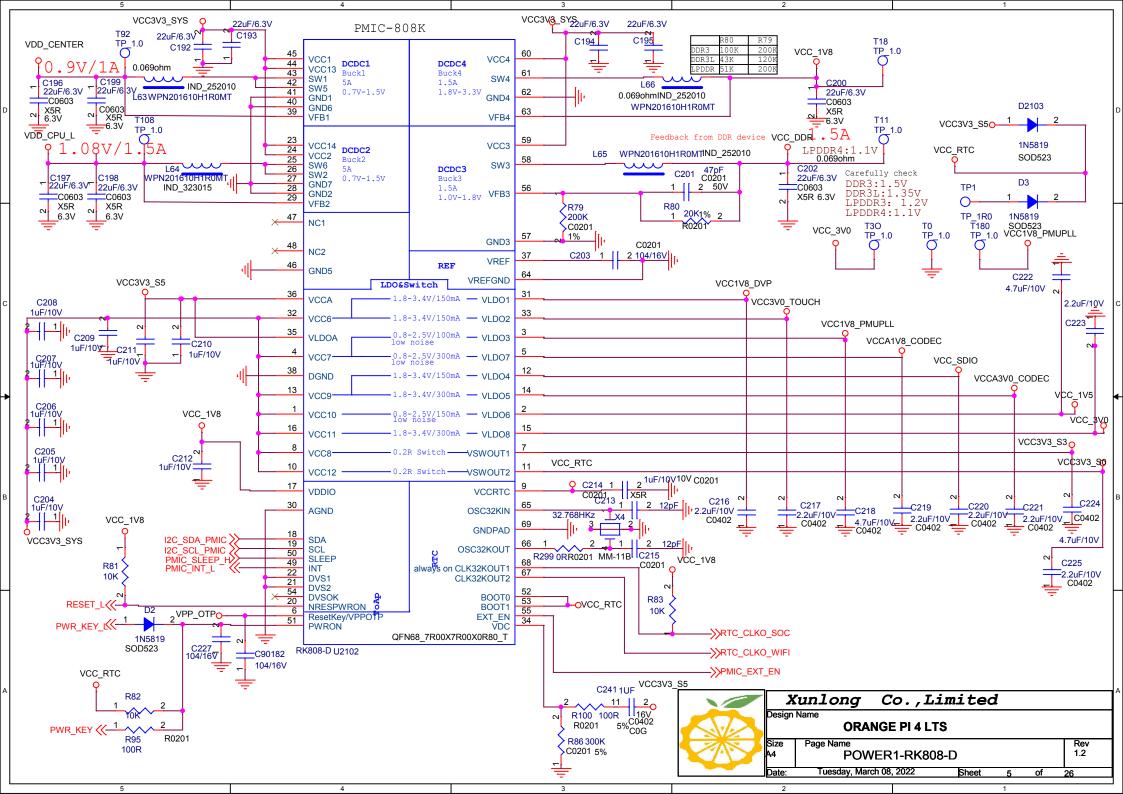
RK3399 I2C MAP

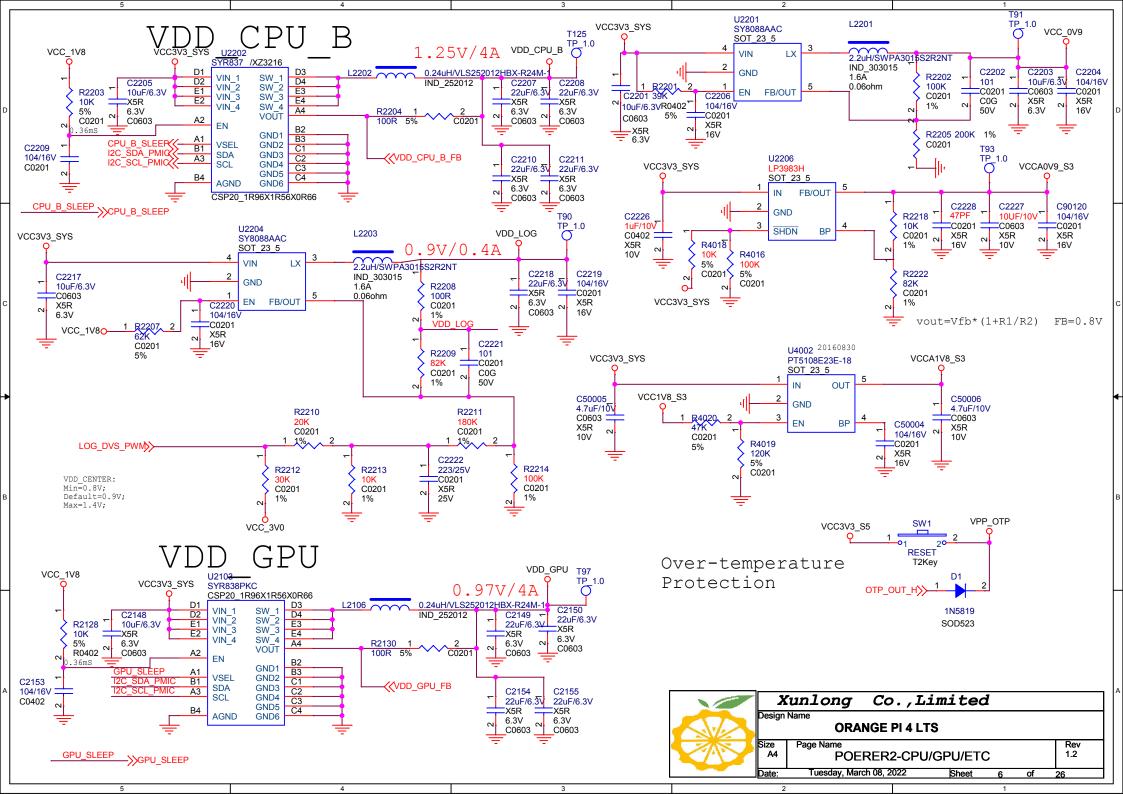
Port	Pin name	Domain	Bus name	Pull-up voltage	Slave Device	Slave Addr (MS 7Bits)	Note	Slave Bus Capability
					TI LP8752-Q1	0x60	DC regulator	100kHz,400KHz,1MHz fast mode+ 3.4MHz high-speed mode
I2C0	GPIO1_B7/SPI3_RXD/I2C0_SDA	PMUIO2 VCC1V8_PMU	I2C_SDA_PMIC I2C_SCL_PMIC	VCC1V8_PMU	Rockchip RK808	0x1b	PMIC	
	GPIO1_CO/SPI3_TXD/I2CO_SCL				Fairchild FUSB302B	0x44,0x46	USB-TypeC Mux	100kHz,400KHz,1MHz fast mode+
I2C1	GPIO4_A1/I2C1_SDA GPIO4_A2/I2C1_SCL	APIO5 VCC1V8_IO	I2C_SDA_AUDIO I2C SCL AUDIO	VCCA1V8_CODEC	Everest ES8316	0x10	Audio codec	
			I2C_SDA_CAM I2C_SCL_CAM	VCCA1V8_CODEC	Omnivision OV8858	0x6c,0x20	MIPI Camera	
12C2	GPIO2_A0/VOP_D0/CIF_D0/I2C2_SDA GPIO2_A1/VOP_D1/CIF_D1/I2C2_SCL	APIO2 VCC1V8_IO	Other pin function					
I2C3	GPIO4_C0/12C3_SDA/UART2B_RX GPIO4_C1/12C3_SCL/UART2B_TX	APIO4 VCC3V0_IO	I2C_SDA_HDMI I2C_SCL_HDMI	VCC3V0_IO				
12C4	GPIO1_B3/I2C4_SDA GPIO1_B4/I2C4_SCL	PMUIO2 VCC1V8_IO	I2C_SDA_MEMS I2C_SCL_MEMS	VCC1V8_PMU	Capellamicro CM3218	0x10,0x0c	ALS Sensor	
					AsahiKasei AK8963C		Compass	
					InverSense MPU6500	0x34	Accer+Gyro	
			I2C_SDA_TOUCH I2C_SCL_TOUCH	VCC1V8_TOUCH	Silead GSL3680	0x40	Touch panel	
I2C5	GPIO3_B2/MAC_RXER/I2C5_SDA GPIO3_B3/MAC_CLK/I2C5_SCL	APIO1 VCC3V3_LAN	I2C_SDA_PCIE I2C_SCL_PCIE	vcc3v3_io				
12C6	GPIO2_B1/SPI2_RXD/CIF_HREF/I2C6_SDA GPIO2_B2/SPI2_TXD/CIF_CLKIN/I2C6_SCL	APIO2 VCC1V8 IO	I2C_SDA_BAT I2C_SCL_BAT	VCC1V8_DVP	Chrome Battery	0x19	Battery	100KHz
	_				TI BQ25700	0x6a(I2C) 0x09(SMbus)	Charger	
					Fairchild FUSB302B	0x44,0x46	USB-TypeC Mux	100kHz,400KHz,1MHz fast mode+
12C7	GPIO2_A7/VOP_D7/CIF_D7/I2C7_SDA GPIO2_B0/VOP_CLK/CIF_VSYNC/I2C7_SCL	APIO2 VCC1V8_IO	Other pin function					

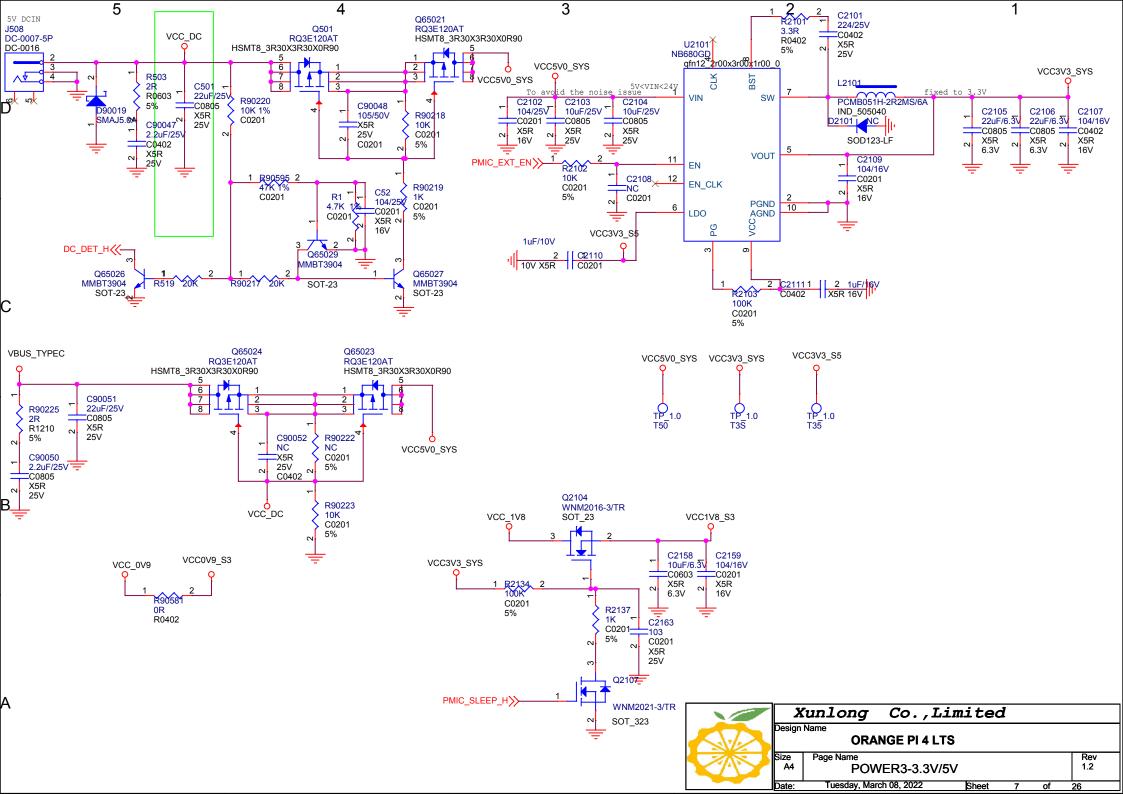
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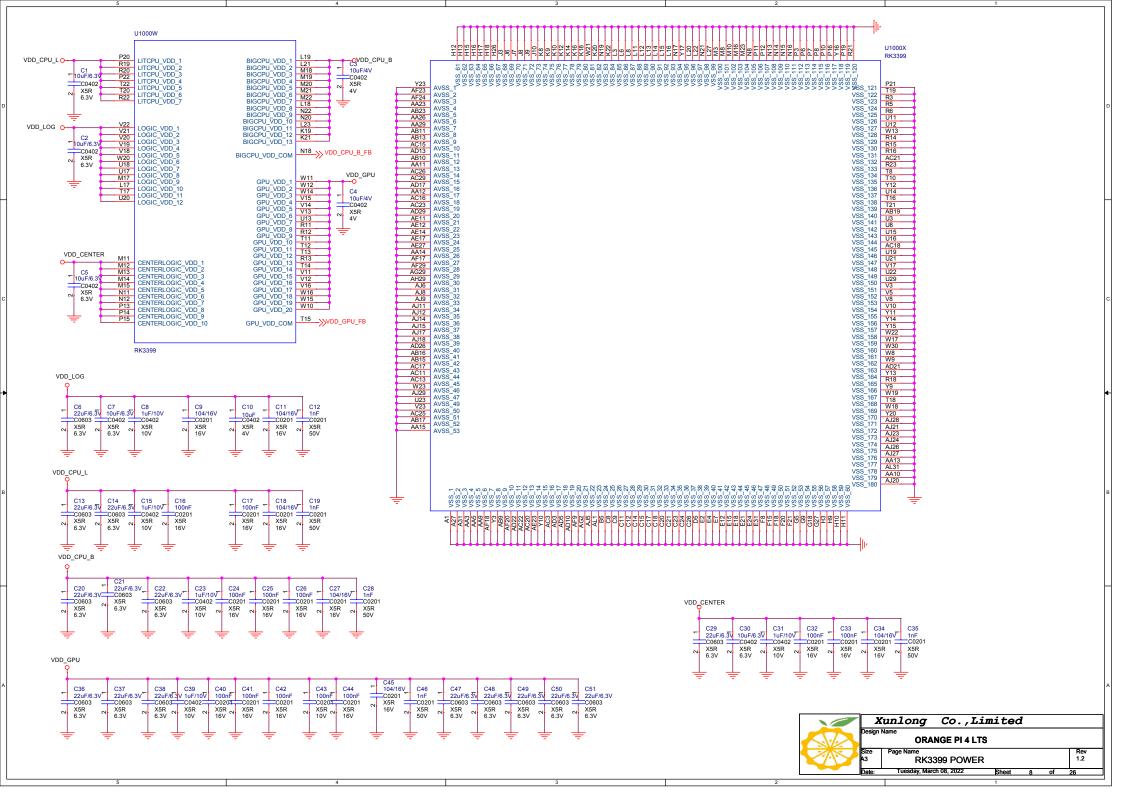


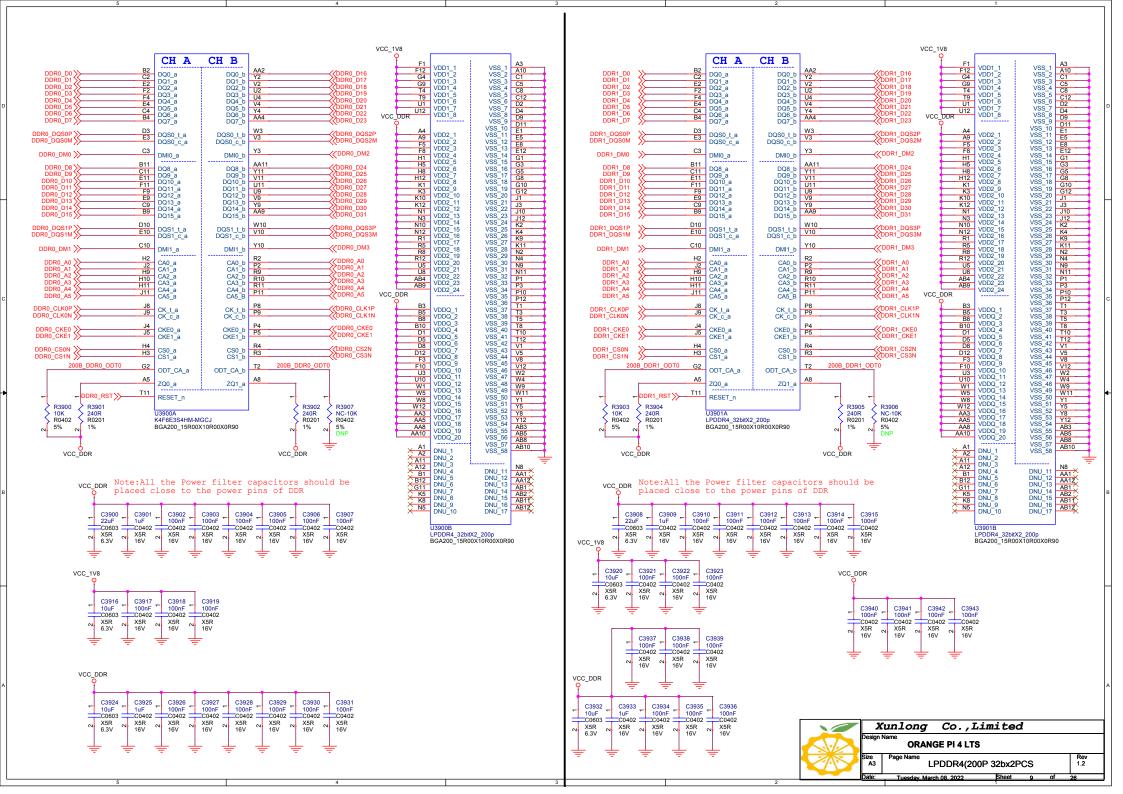


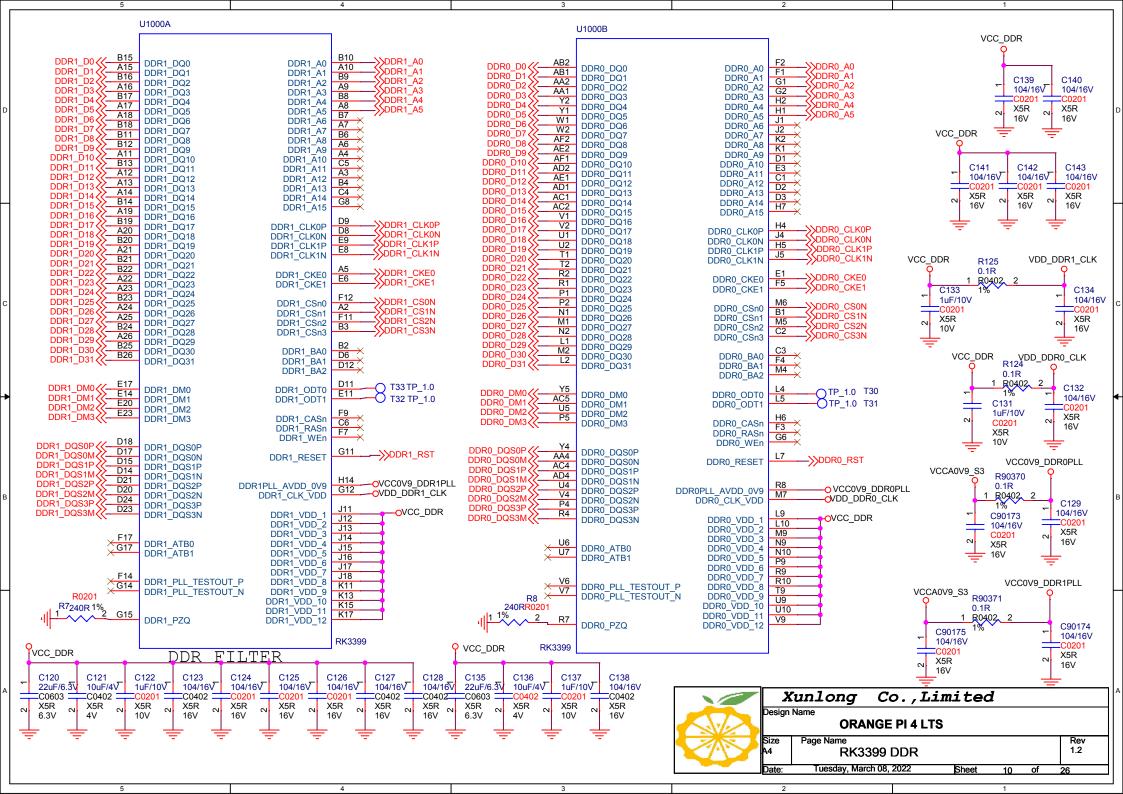


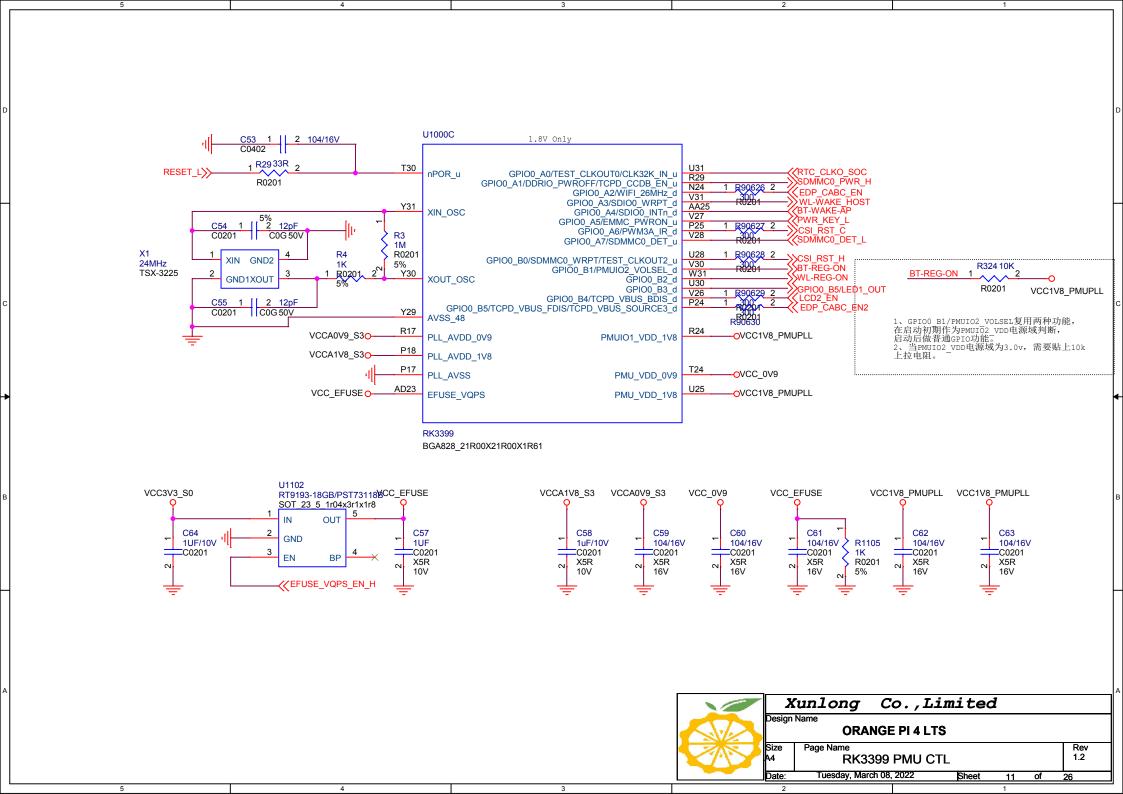


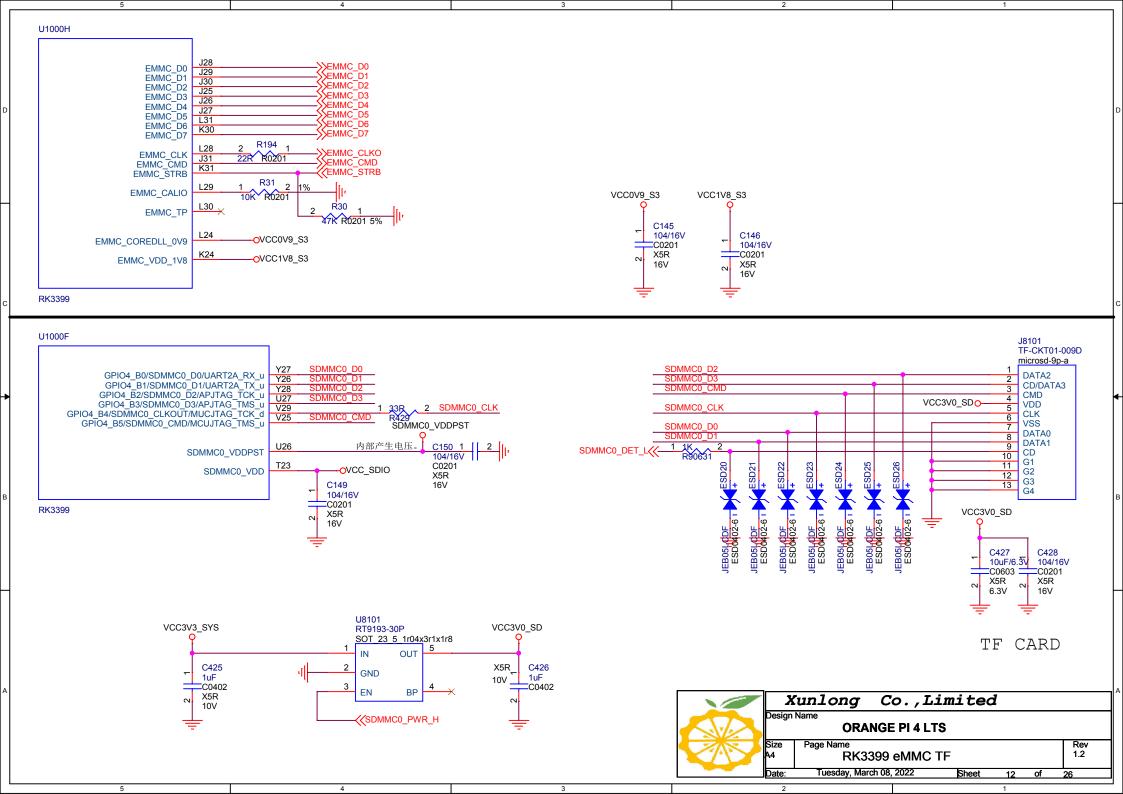


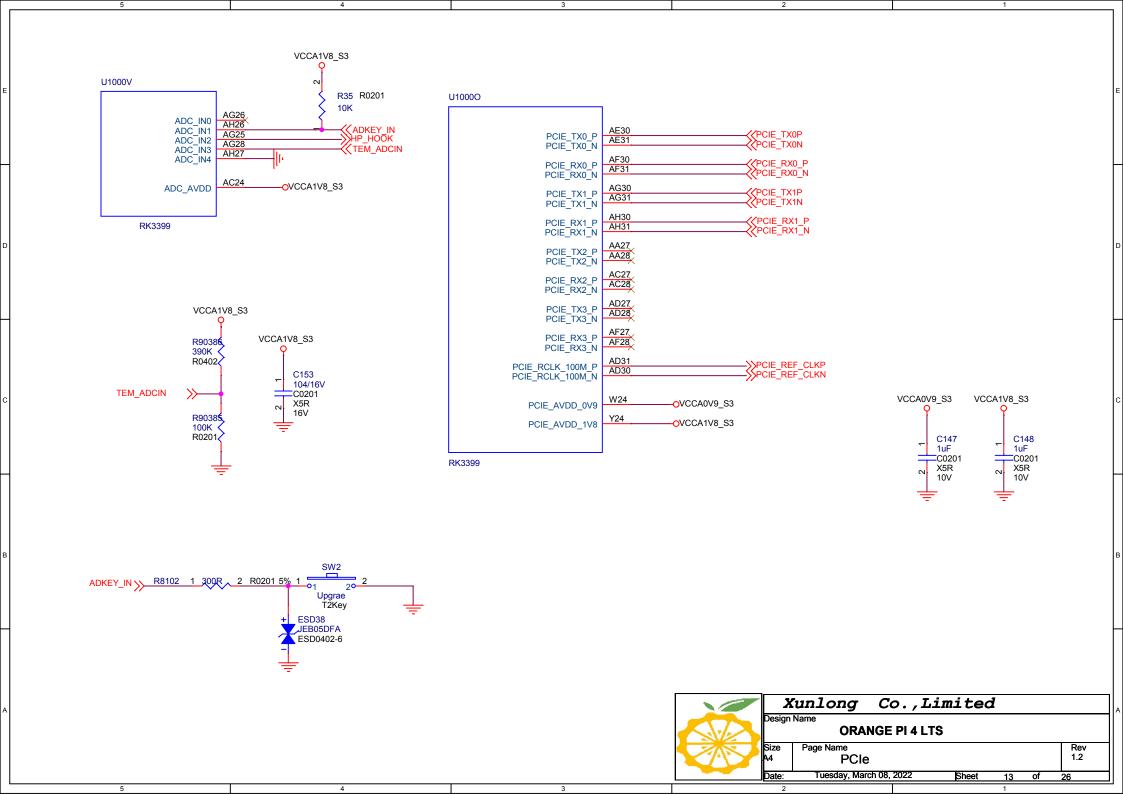


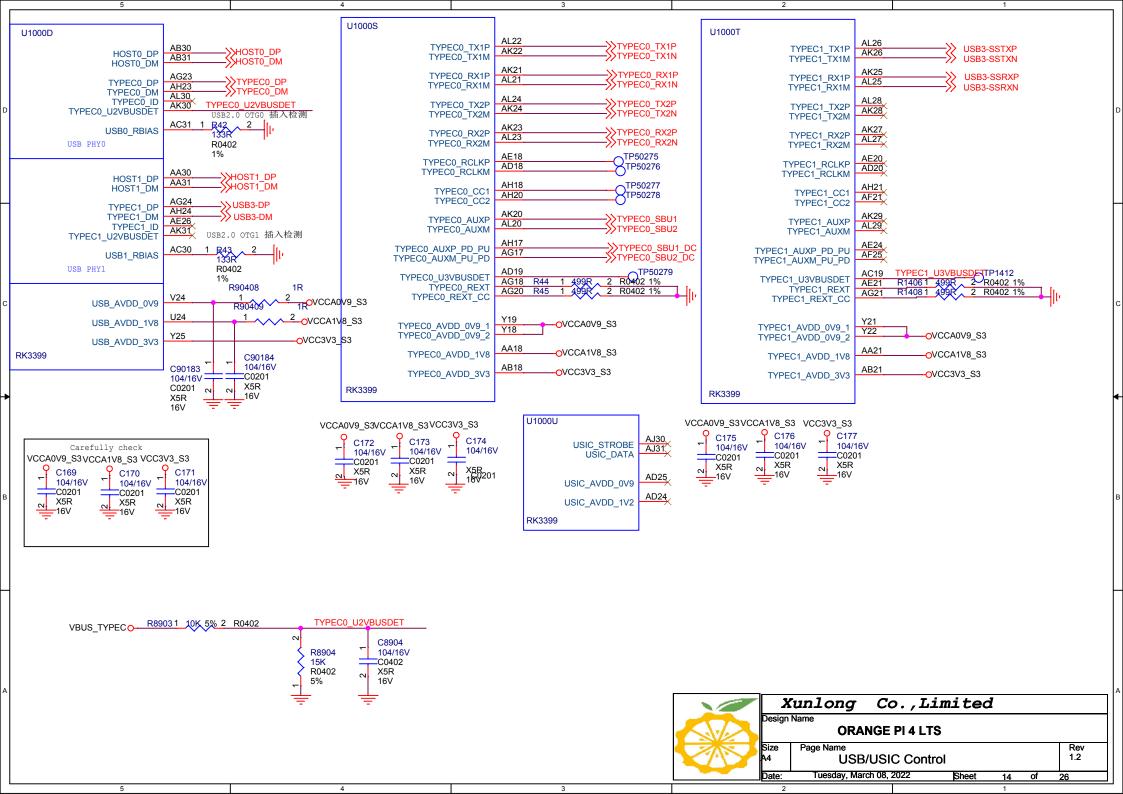


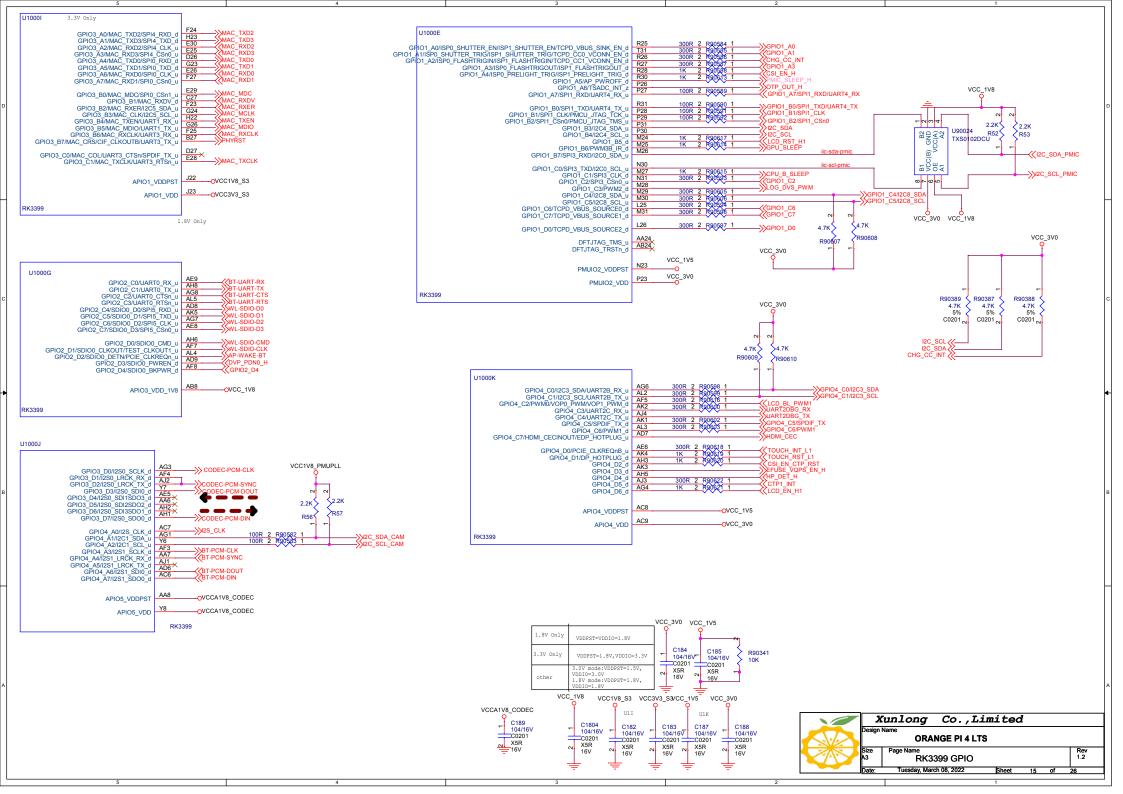


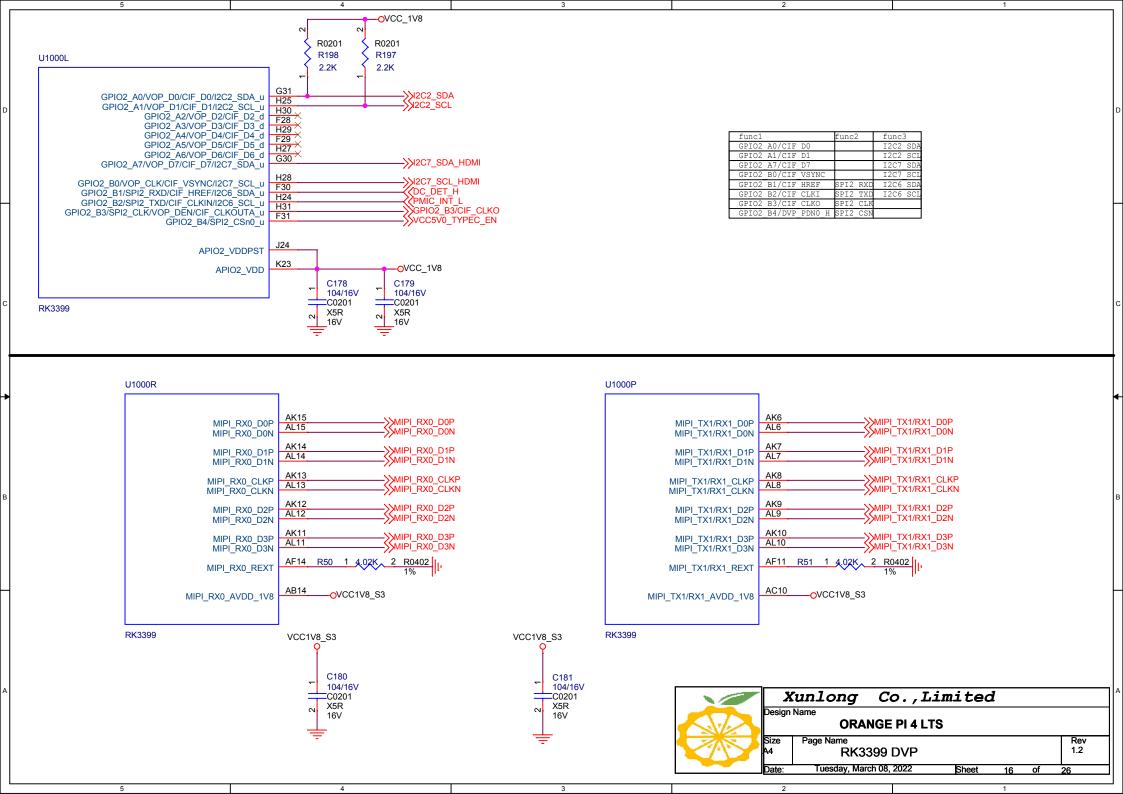


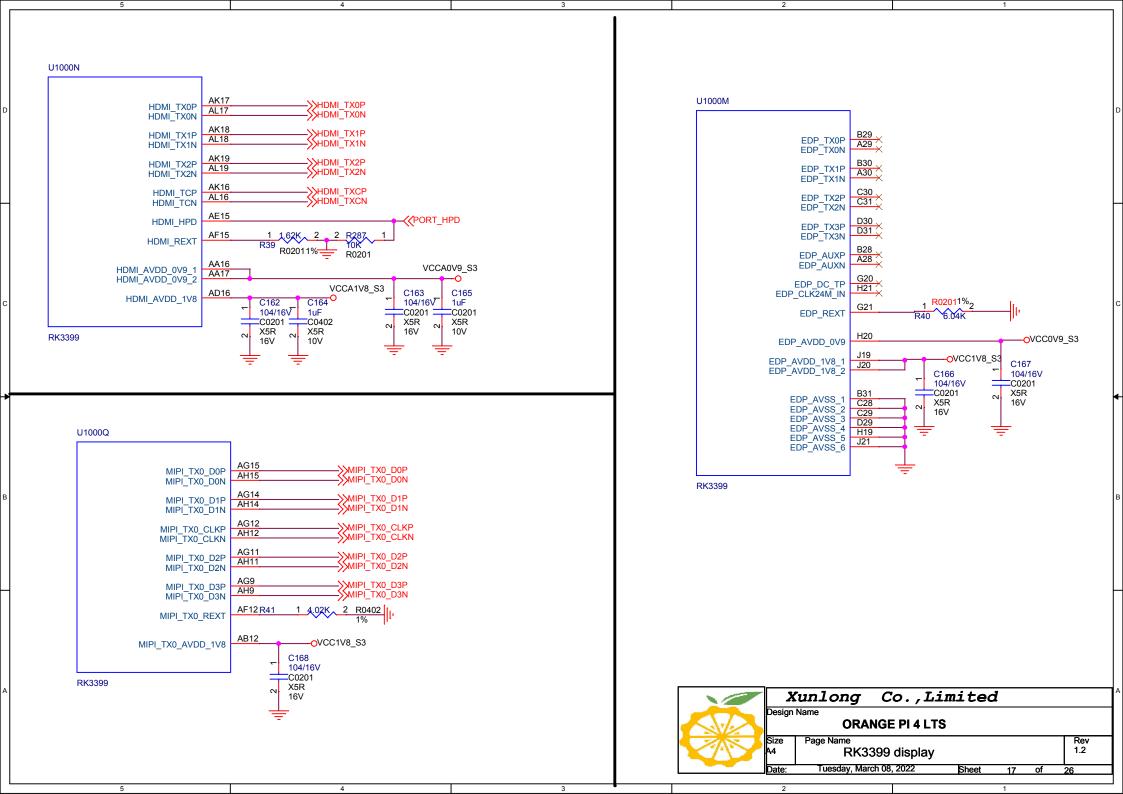


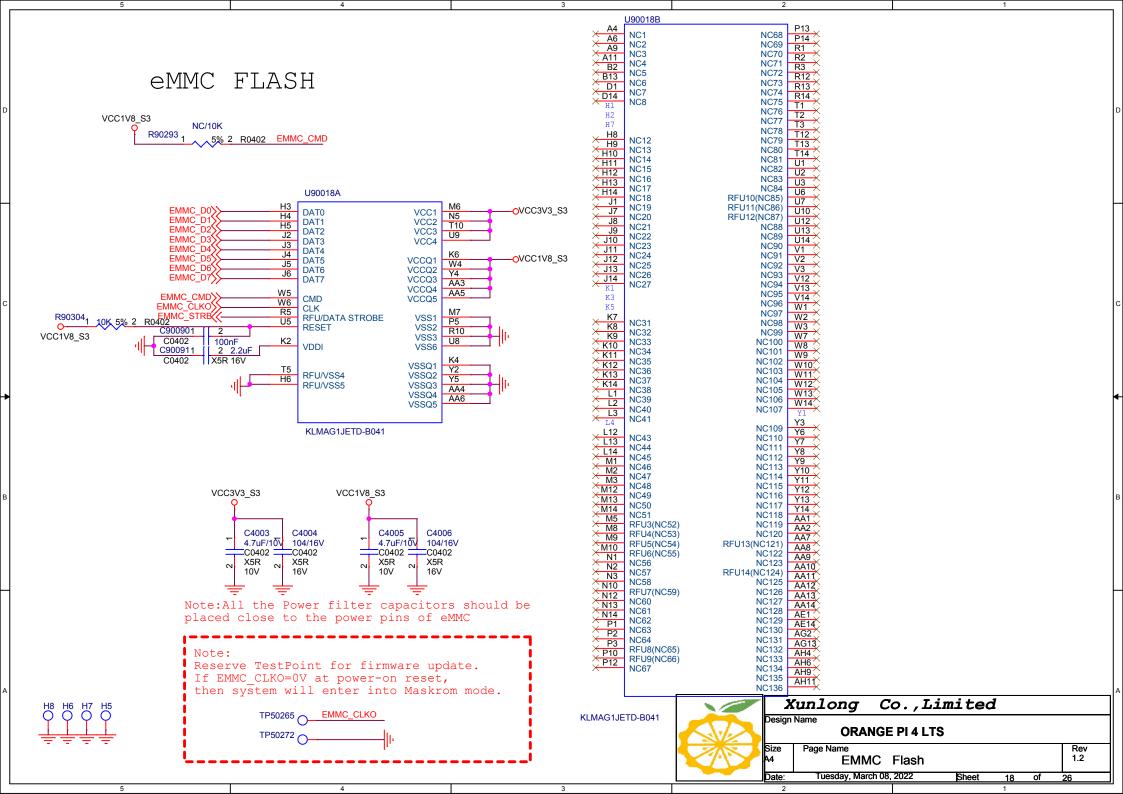


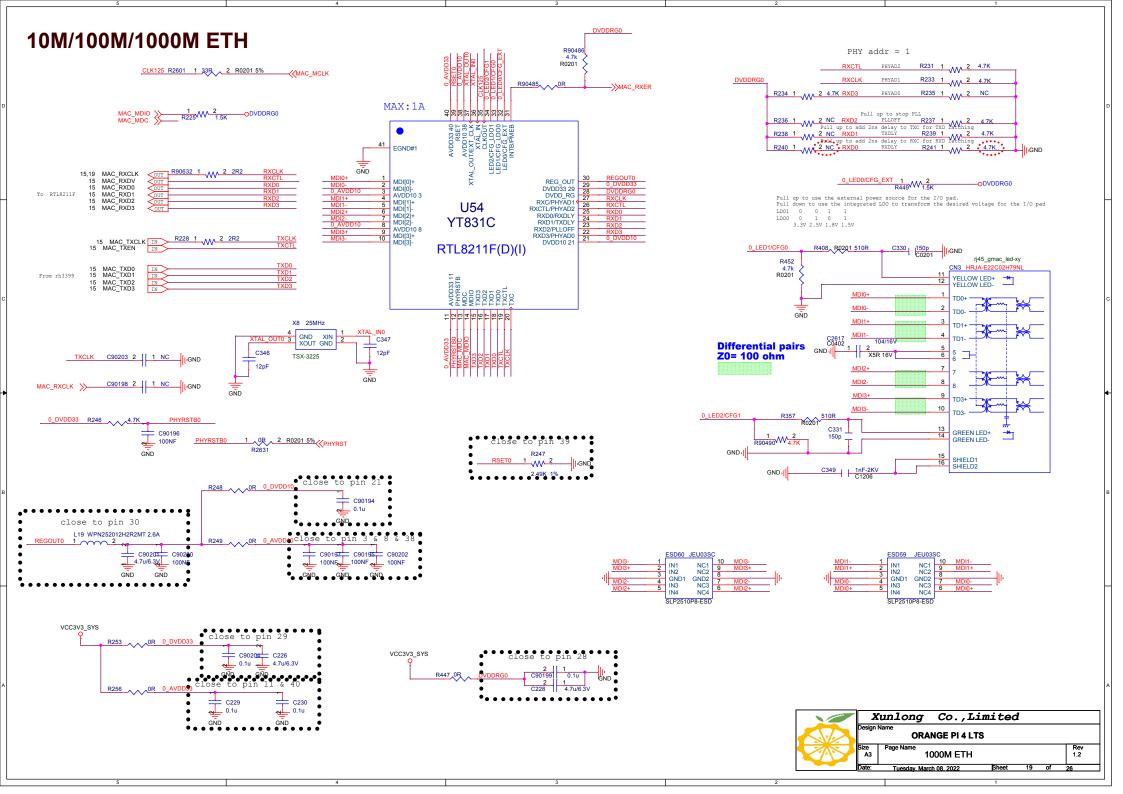


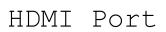


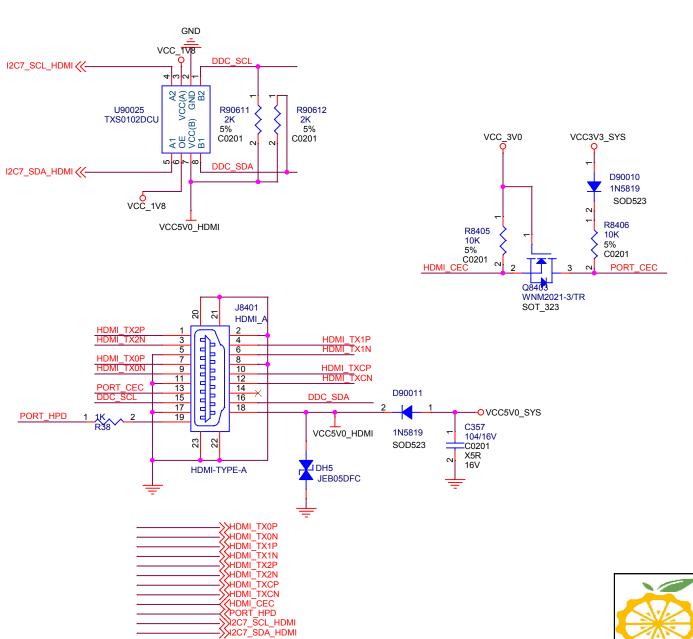


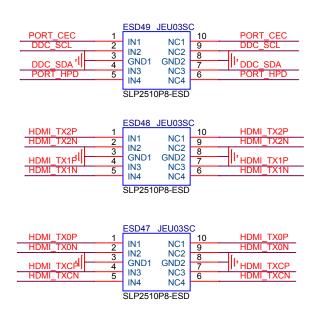


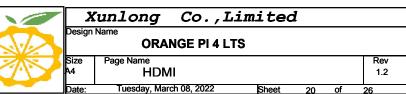


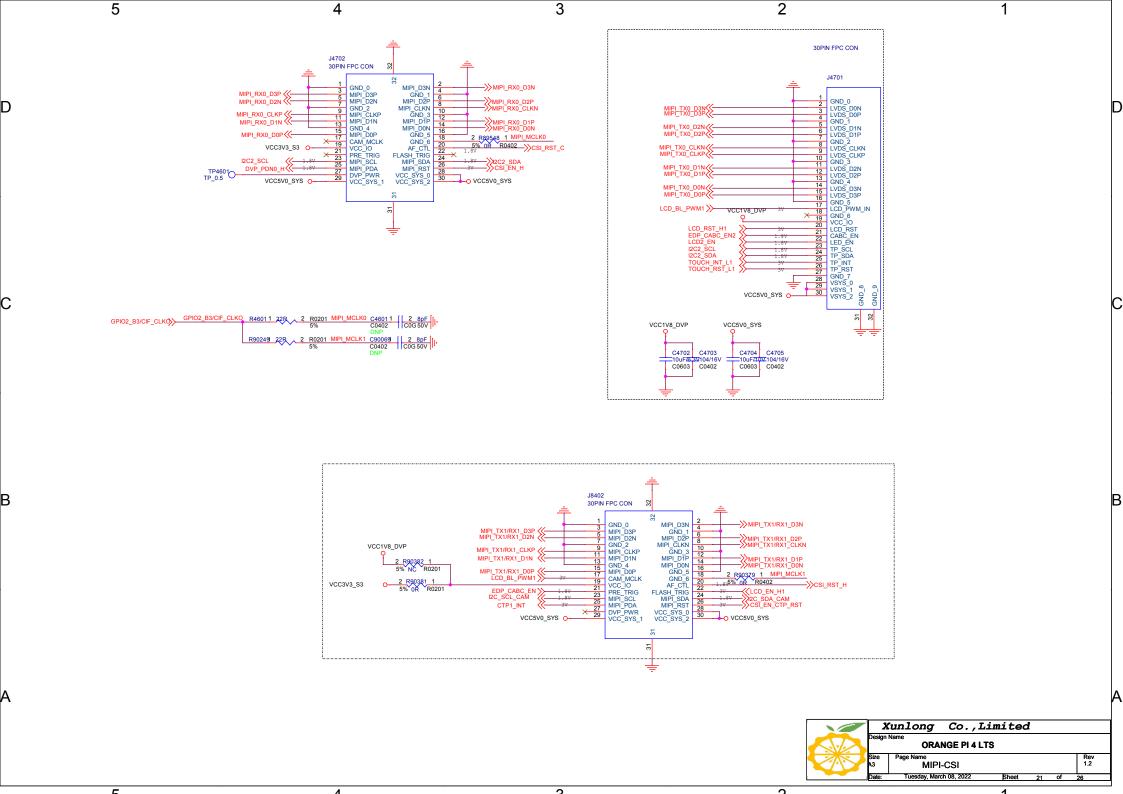


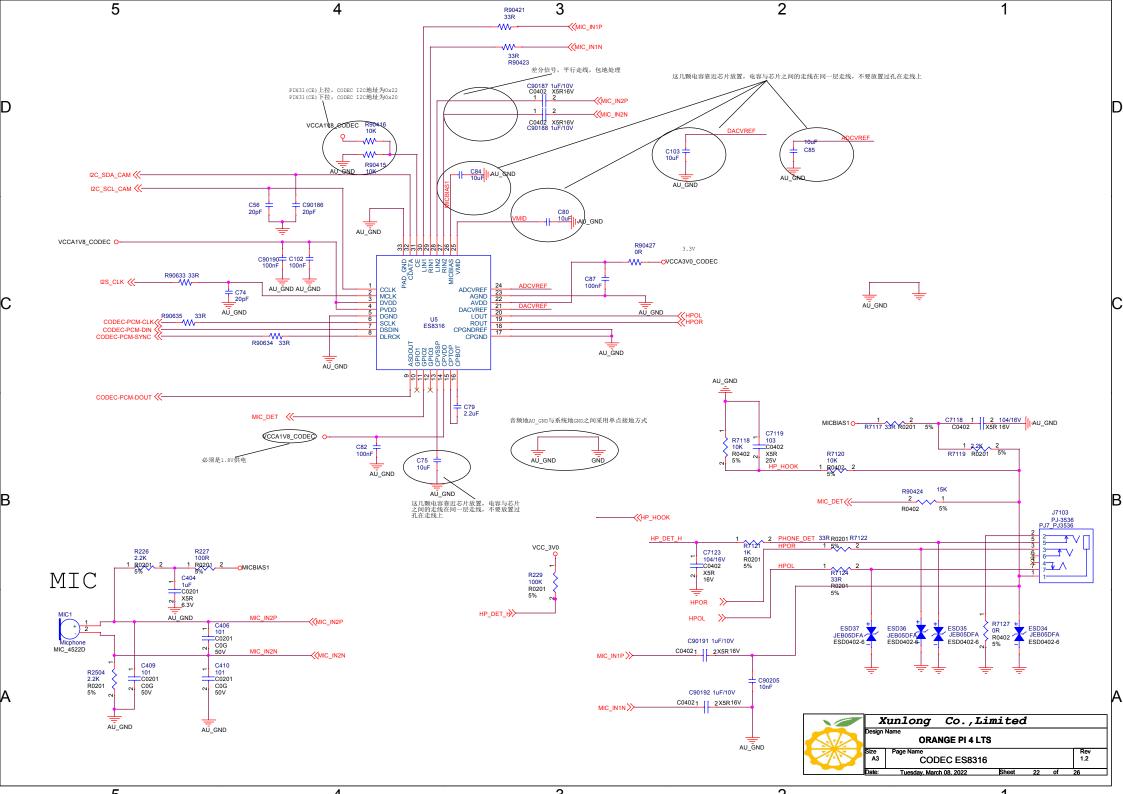


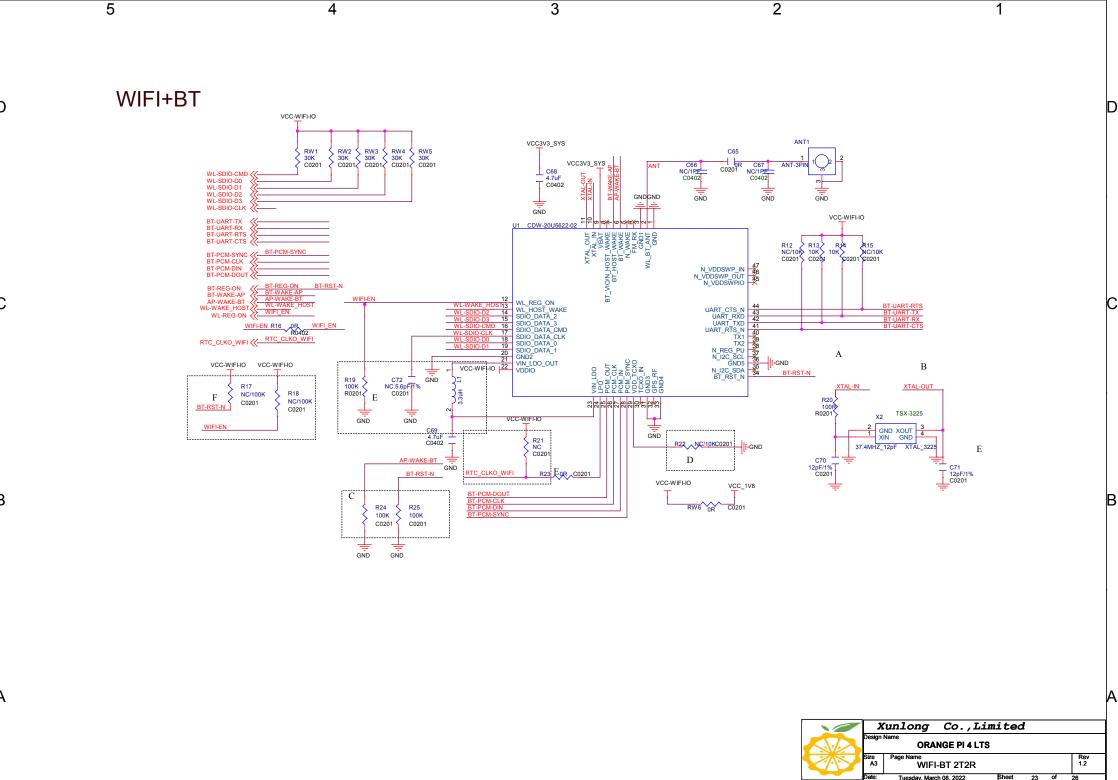












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