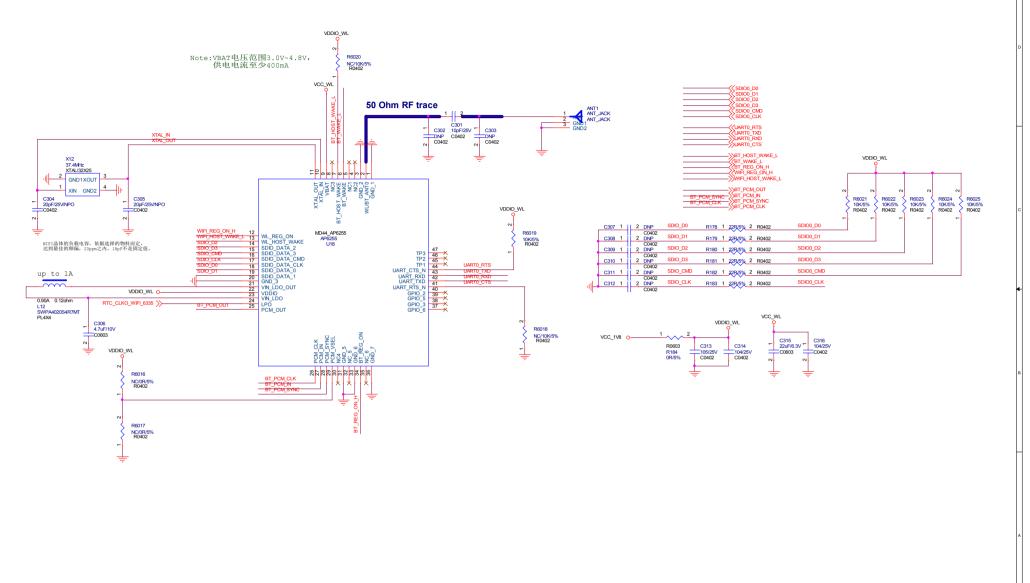
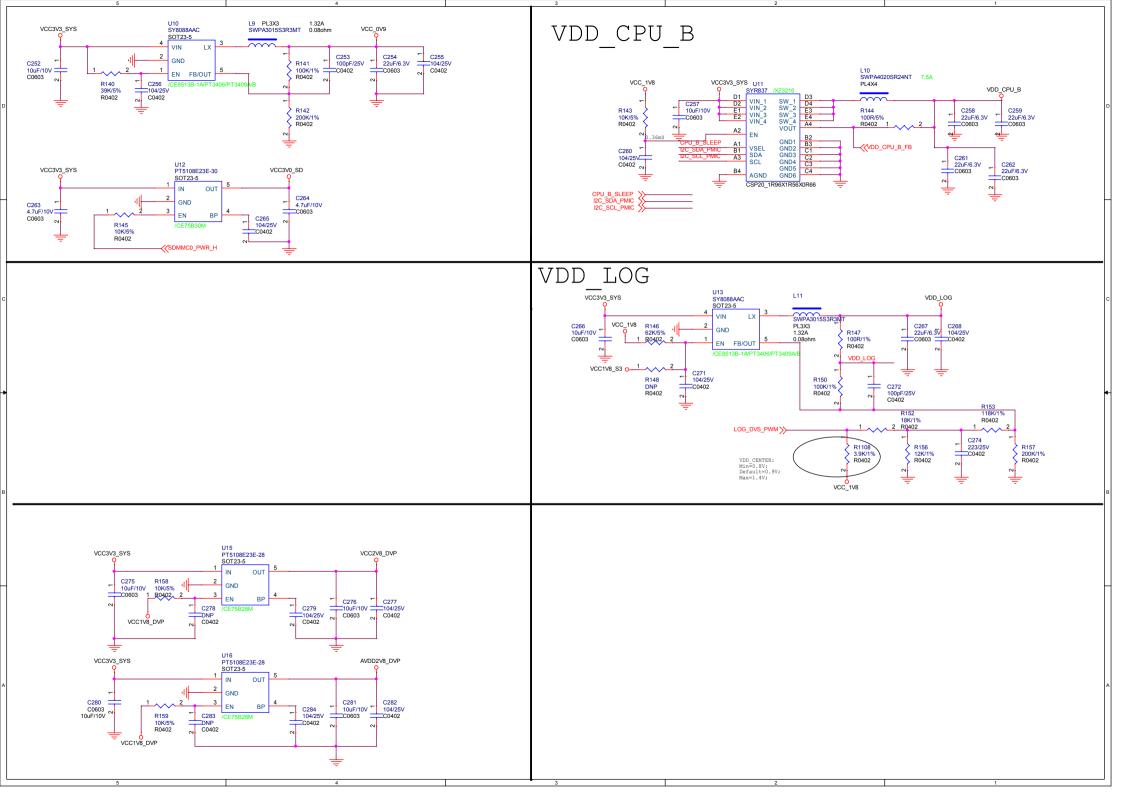
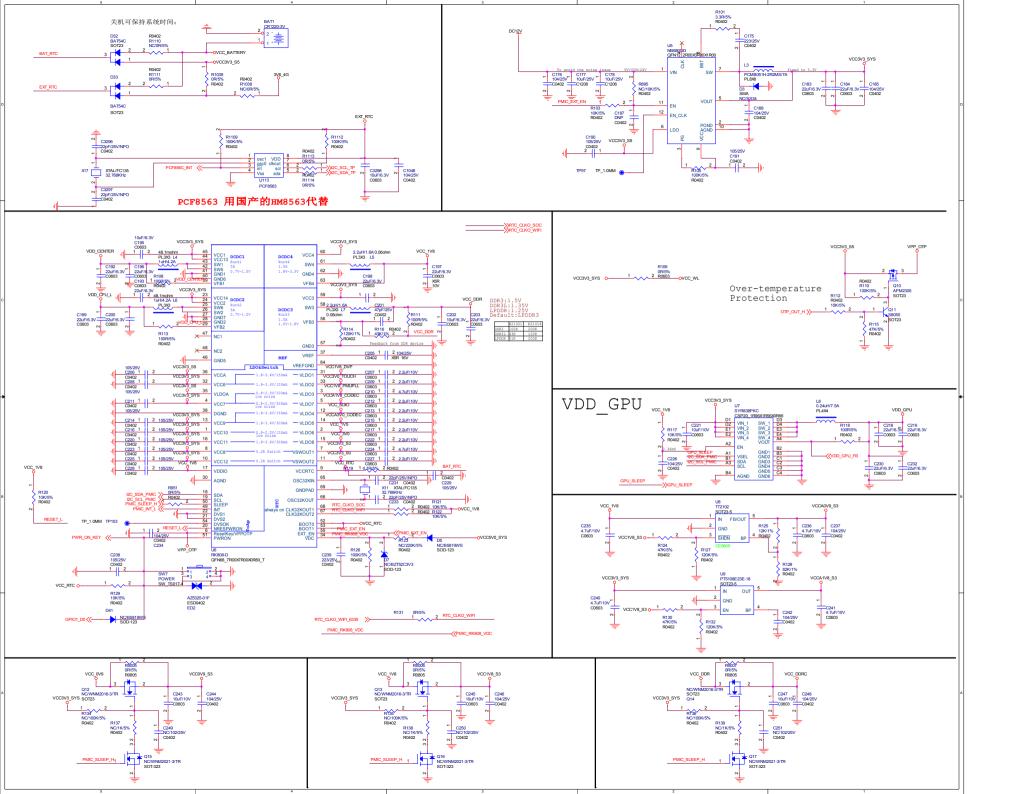


WIFI/BT MODULE





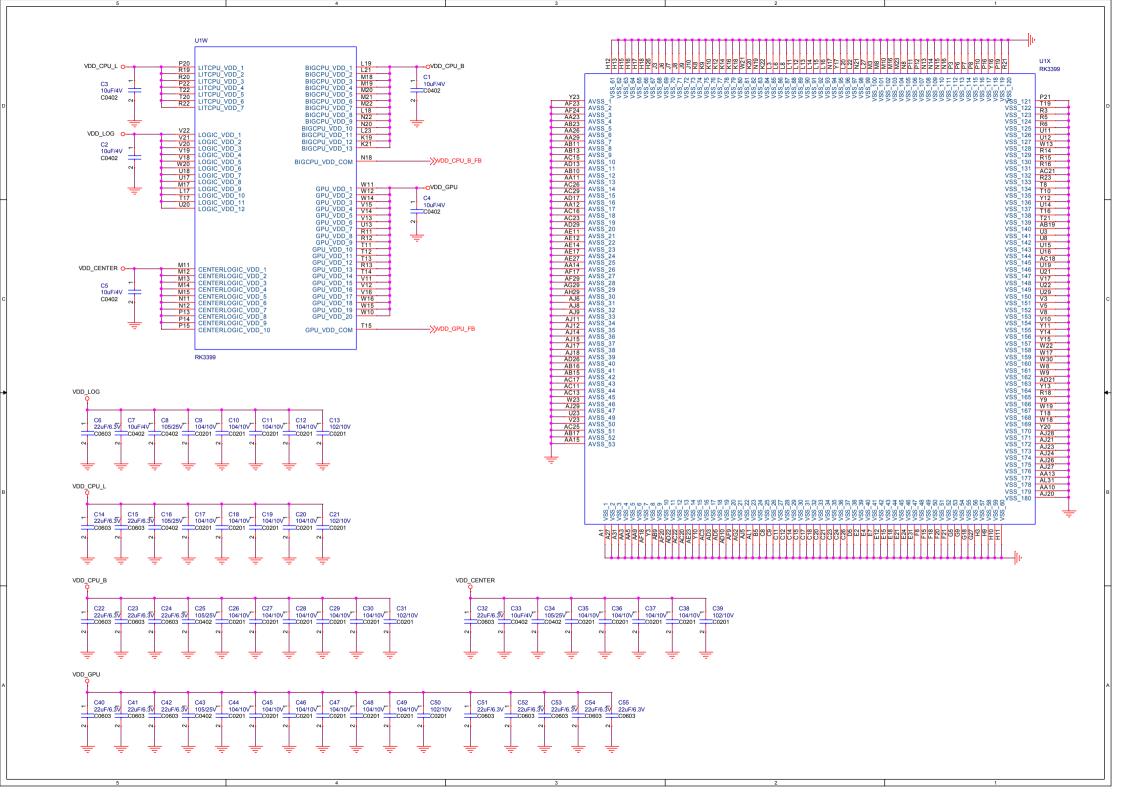


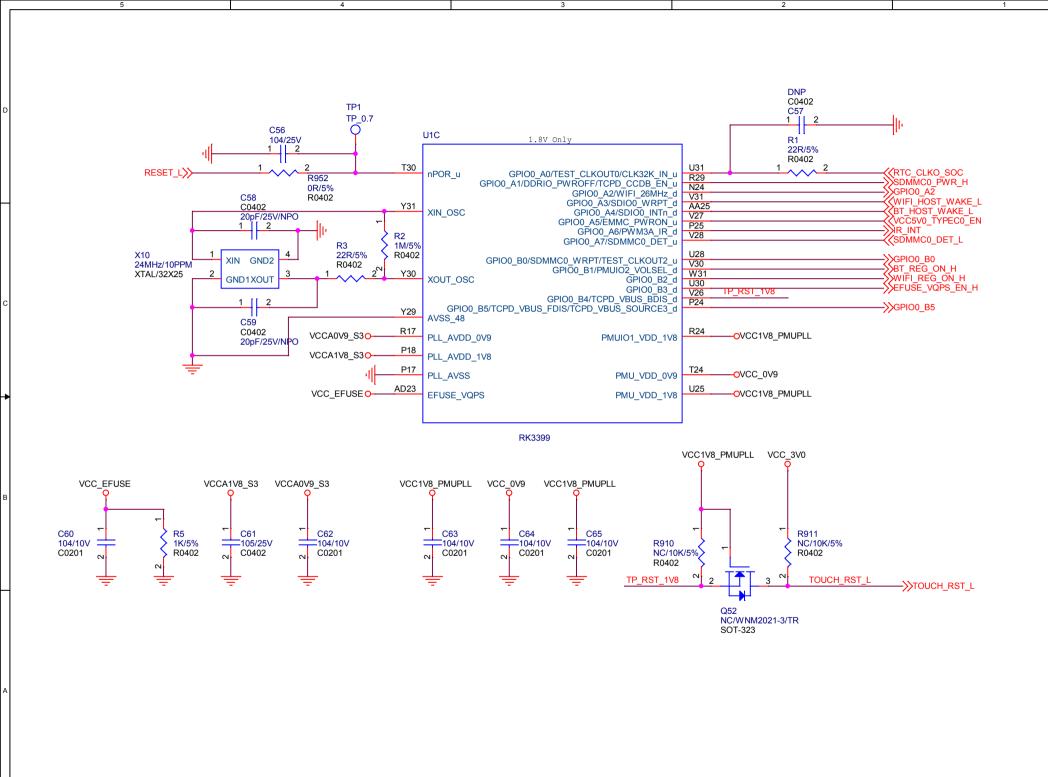
RK3399 Power Domain Map

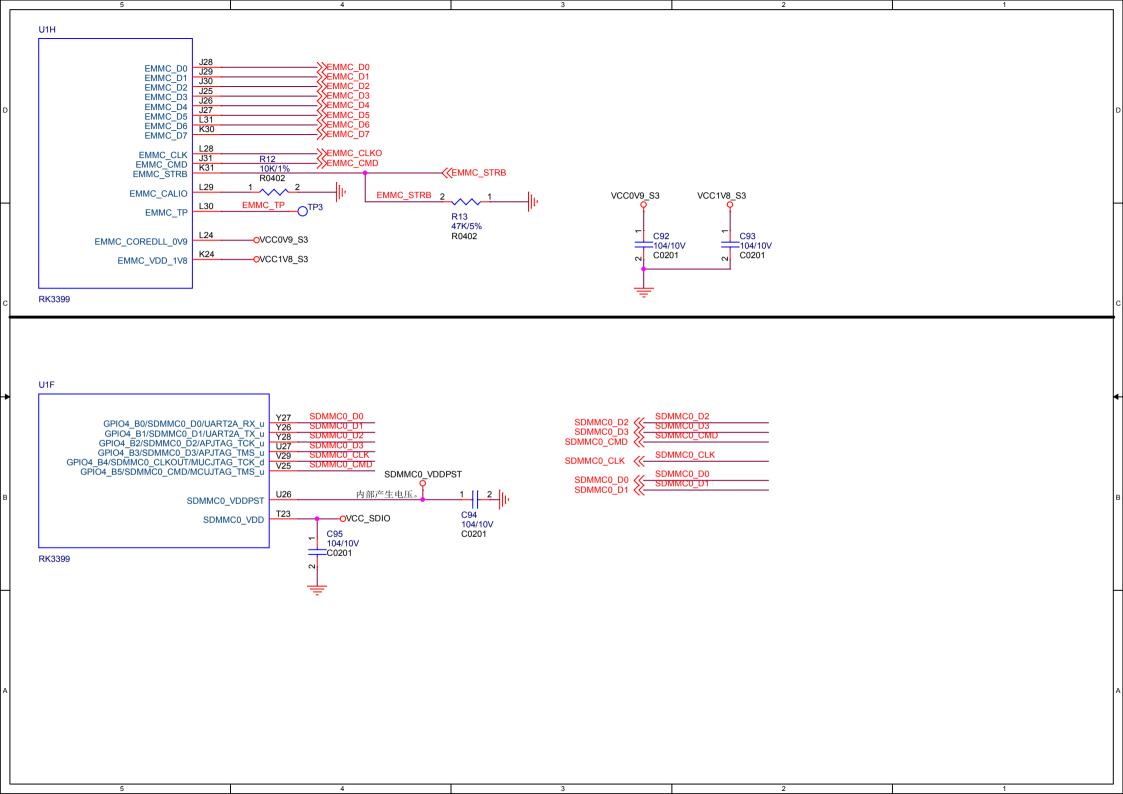
Part Port	Domain	Pin name in datasheet	I/O type	Power supply	Power source
Part C	PMUIO1	pmuio1_gpio0ab 1.8V only VCC1V8_PMU			RK808 VLDO3
Part E	PMUIO2	pmu1830_gpio1abcd 1.8V(Default) VCC1V8_PMU 3.0V		RK808 VLDO3	
Part I	APIO1	gmac_gpio3abc	gmac_gpio3abc 3.3V only		RK808 Buck4 RK808 VSW2
Part L	APIO2	bt656_gpio2ab	1.8V(Default) 3.0V	VCC1V8_DVP	RK808 VLDO1
Part G	APIO3	wifi/bt_gpio2cd	1.8V only VCC1V8_WIFI		RK808 Buck4
Part K	APIO4	gpio1830_gpio4cd	1.8V 3.0V(Default) VCC3V0_IO		RK808 VLDO6
Part J	APIO5	audio_gpio3d_gpio4a	1.8V(Default) VCCA1V8_CODEC 3.0V		RK808 VLDO7
Part F	SDMMC0	sdmmc_gpio4b	1.8V VCC_SDIC 3.0V(Default)		RK808 VLDO4

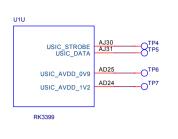
RK3399 I2C MAP

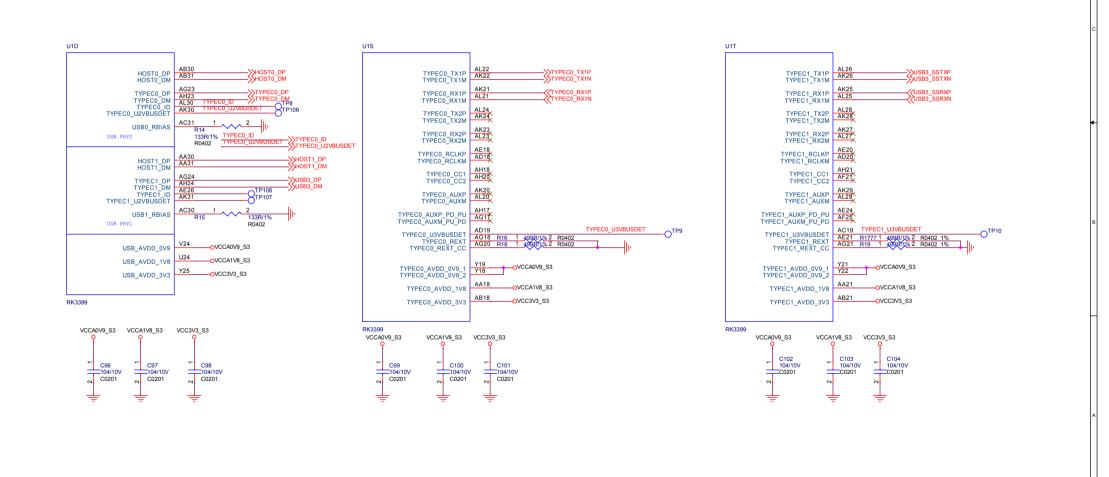
Port	Pin name	Domain	Bus name	Pull-up voltage	Slave Device	Slave Addr (MS 7Bits)	Note	Slave Bus Capability
					SYR838PKC&SYR837PKC	0x41&0x40	DC regulator	100kHz,400KHz,1MHz fast mode+ 3.4MHz high-speed mode
12C0	GPIO1 B7/SPI3 RXD/I2C0 SDA	PMUIO2 VCC1V8_PMU	I2C_SDA_PMIC I2C_SCL_PMIC	VCC1V8_PMU	PMIC:RK808-D	0x1b	PMIC	
	GPIO1_CO/SPI3_TXD/I2CO_SCL				PMIC:RK818-3	0x1c	PMIC	
12C1	GPIO4_A1/I2C1_SDA GPIO4_A2/I2C1_SCL	APIO5 VCC1V8_IO	I2C_SDA_AUDIO I2C_SCL_AUDIO	VCCA1V8_CODEC	Everest ES8316/ALC5651	0x20&0x34	Audio codec	
			I2C_SDA_CAM I2C_SCL_CAM	VCCA1V8_CODEC	Omnivision OV8858	0x6c,0x20	MIPI Camera	
			I2C_SDA_HDMIIN I2C_SCL_HDMIIN		TC358749XBG	0x0f	HDMI IN	
I2C2	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/I2C3_SDA/UART2B_RX GPIO4_C1/I2C3_SCL/UART2B_TX	APIO4 VCC3V0_IO	I2C_SDA_HDMI I2C_SCL_HDMI	VCC3V0_IO				
			I2C_SDA_MEMS I2C_SCL_MEMS	VCC1V8_PMU	мри6500	0x34	G-sensor	
I2C4	GPIO1_B3/I2C4_SDA GPIO1_B4/I2C4_SCL	PMUIO2 VCC1V8_IO	I2C_SDA_BAT I2C_SCL_BAT	VCC1V8_PMU	Fairchild FUSB302B	0x44	USB-TypeC Mux	100kHz,400KHz,1MHz fast mode+
					TI BQ25700	0x12	Charger	
12C5	GPIO3_B2/MAC_RXER/I2C5_SDA GPIO3_B3/MAC_CLK/I2C5_SCL	APIO1	I2C_SCL_TOUCH I2C_SDA_TOUCH	VCC3V3_IO			Touch panel	
12C6	GPIO2_B1/SPI2_RXD/CIF_HREF/I2C6_SDA GPIO2_B2/SPI2_TXD/CIF_CLKIN/I2C6_SCL	APIO2 VCC1V8_IO	Other pin function					
12C7	GPIO2_A7/VOP_D7/CIF_D7/I2C7_SDA GPIO2_B0/VOP_CLK/CIF_VSYNC/I2C7_SCL	APIO2 VCC1V8_IO	Other pin function					

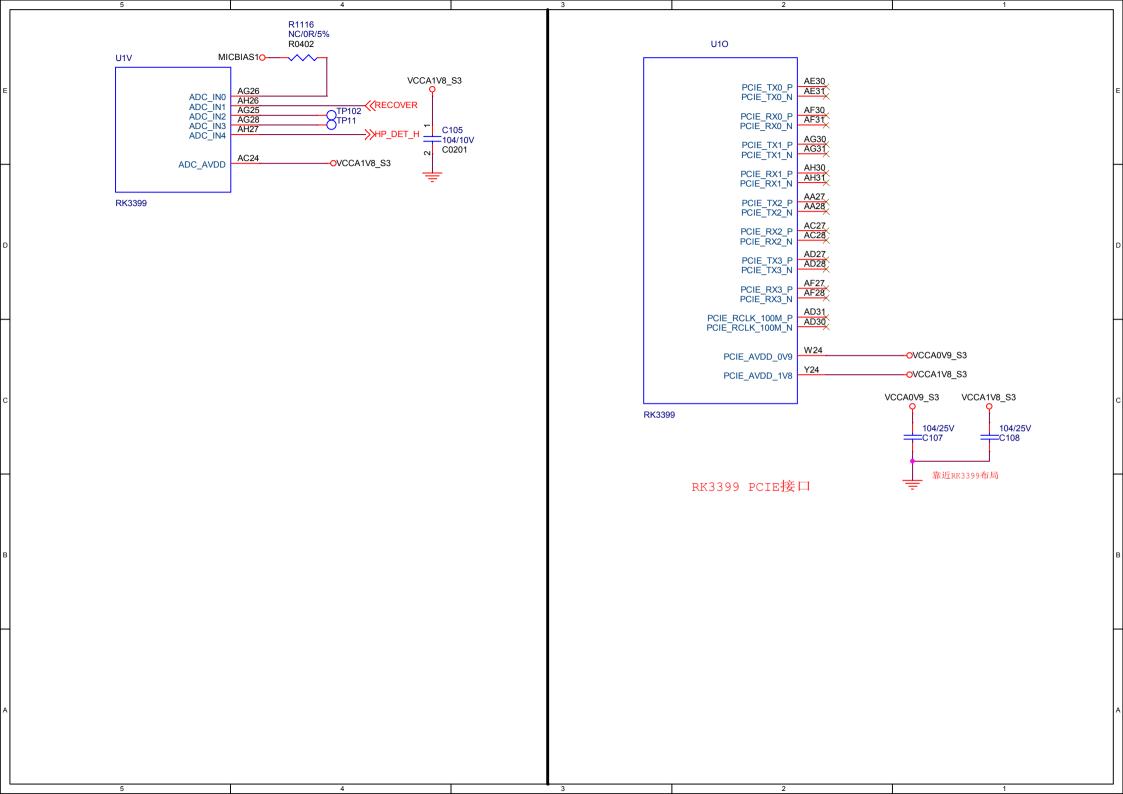


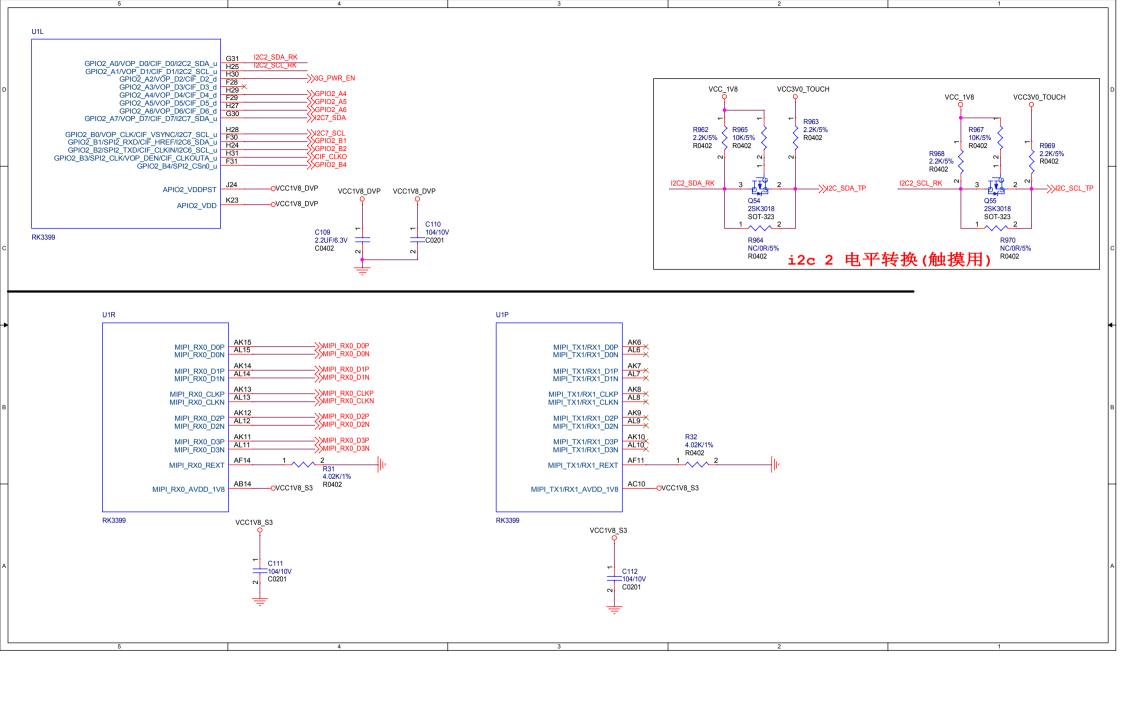


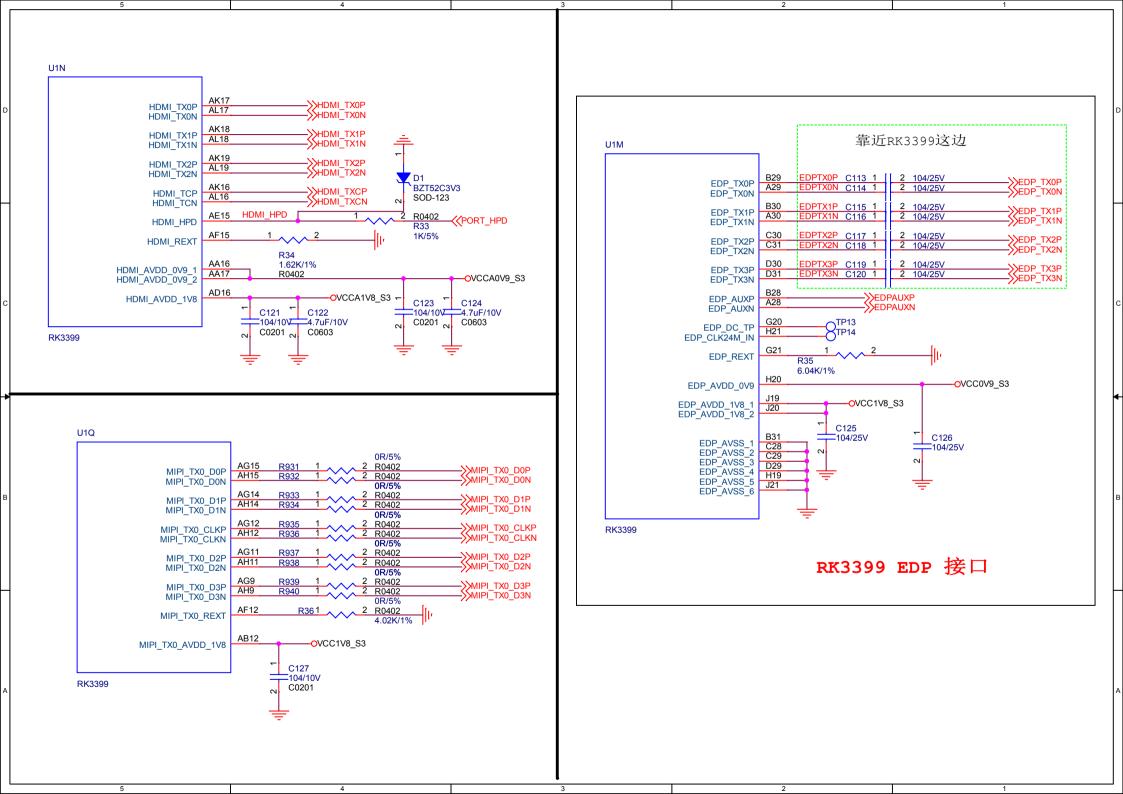


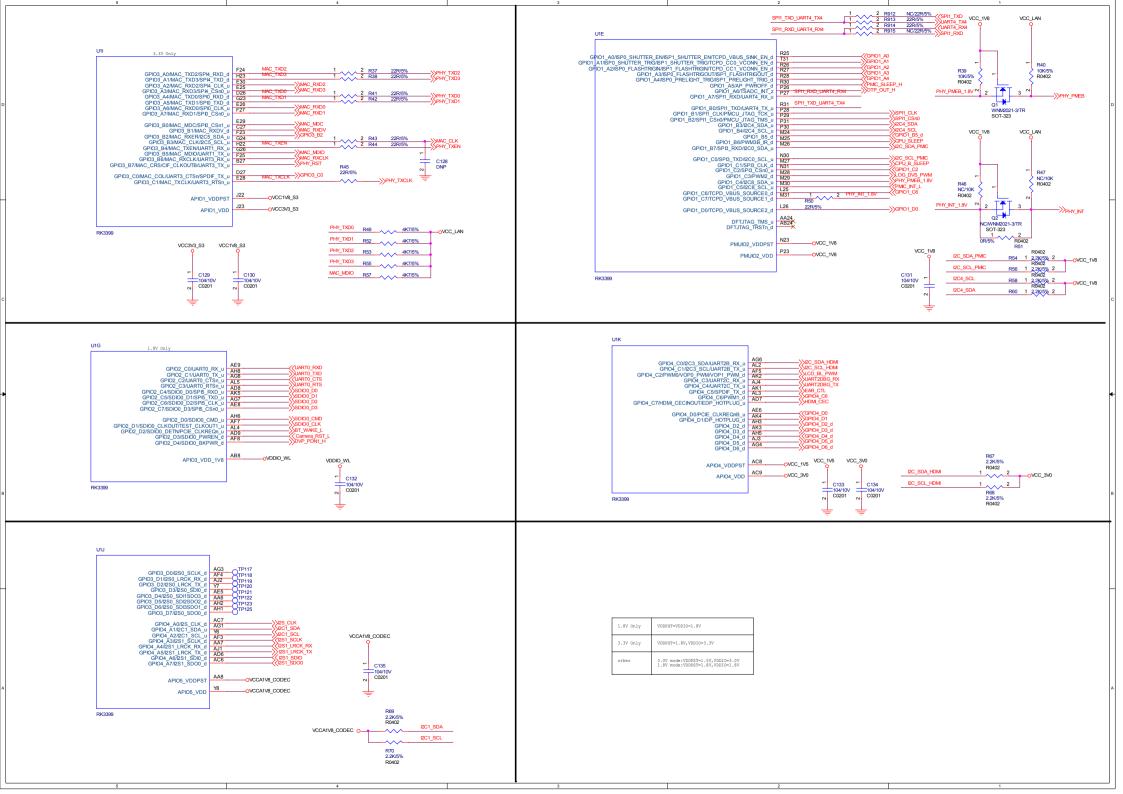


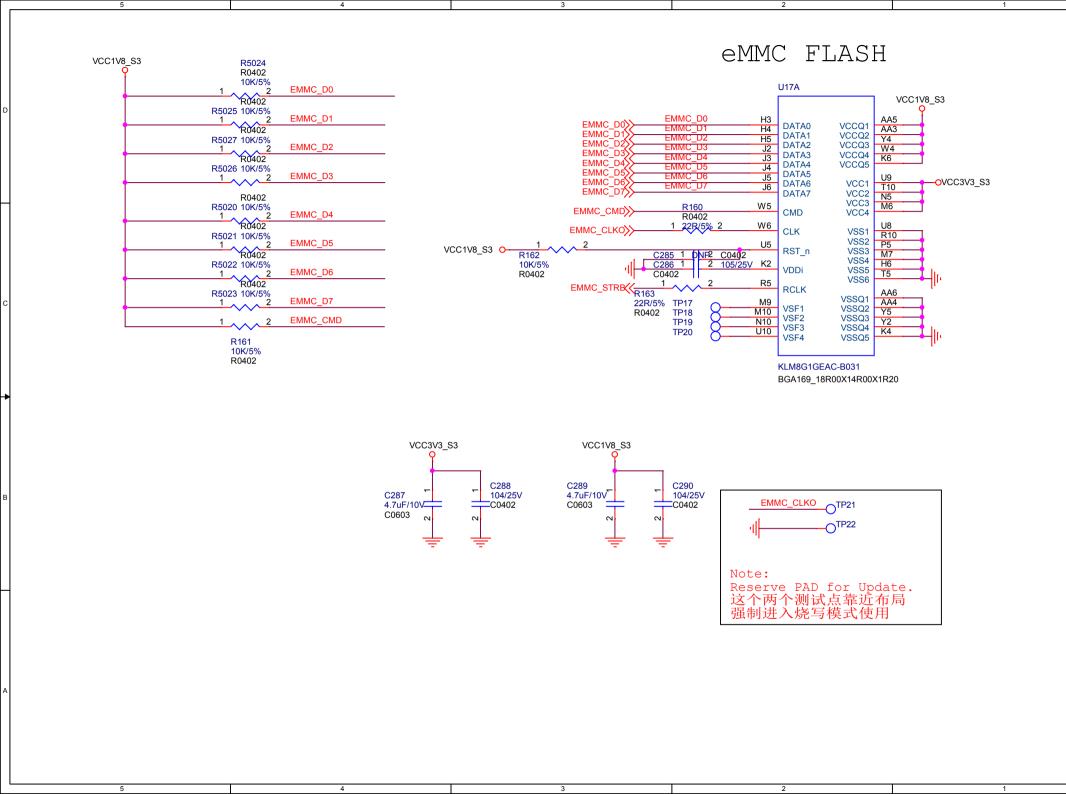


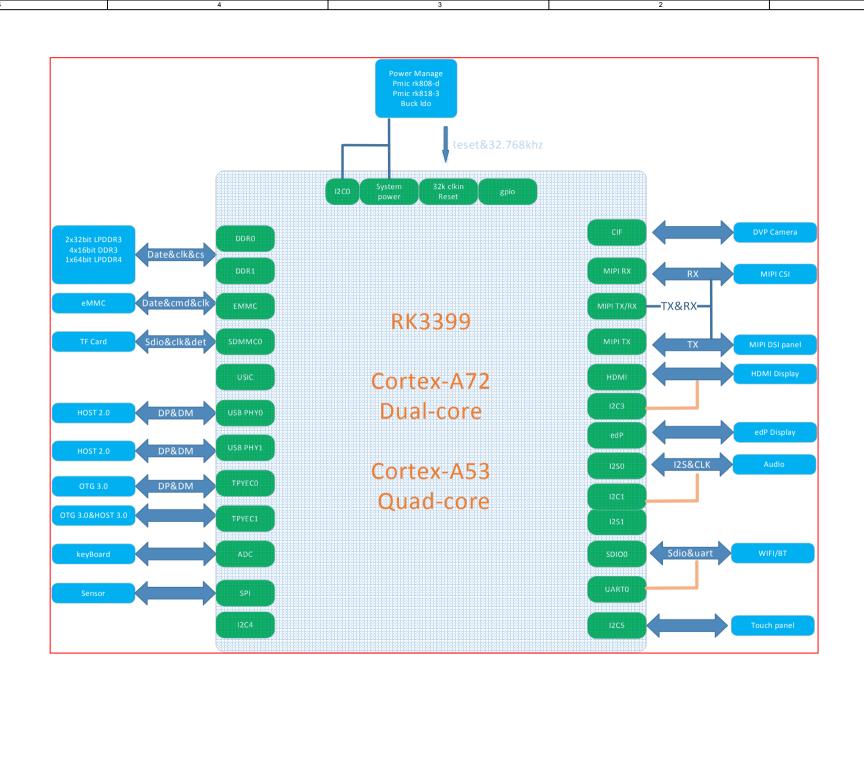


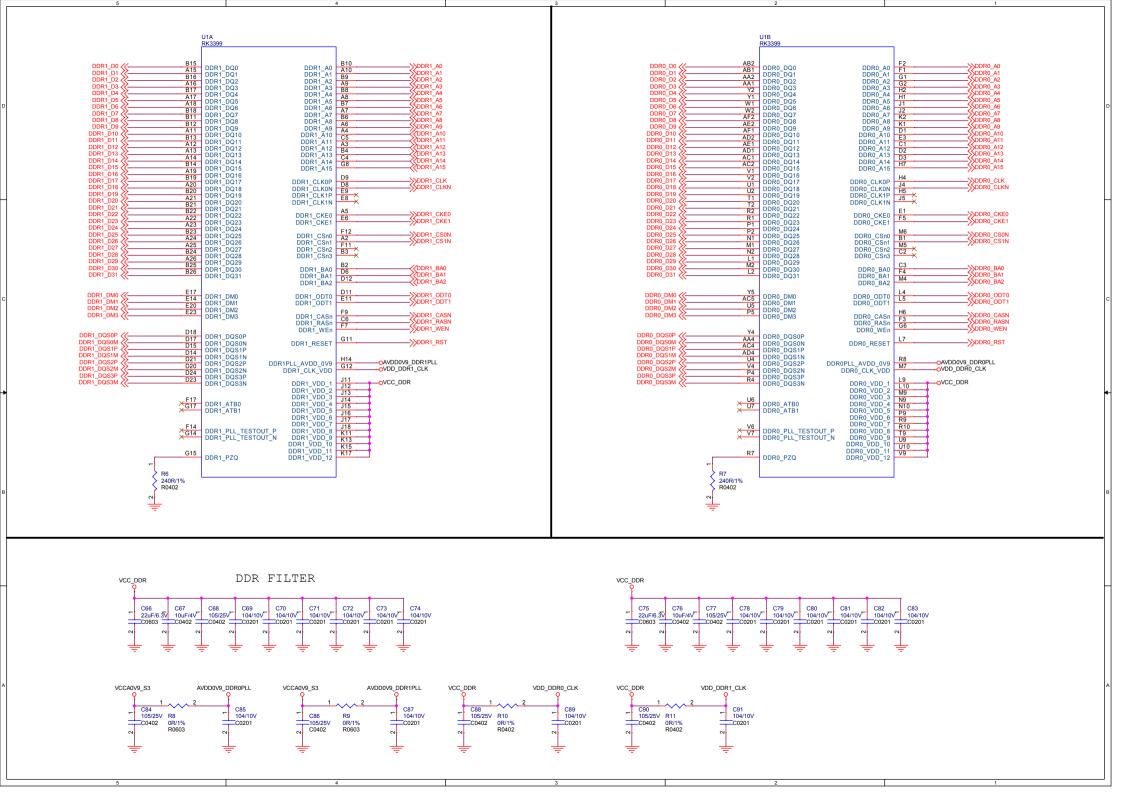


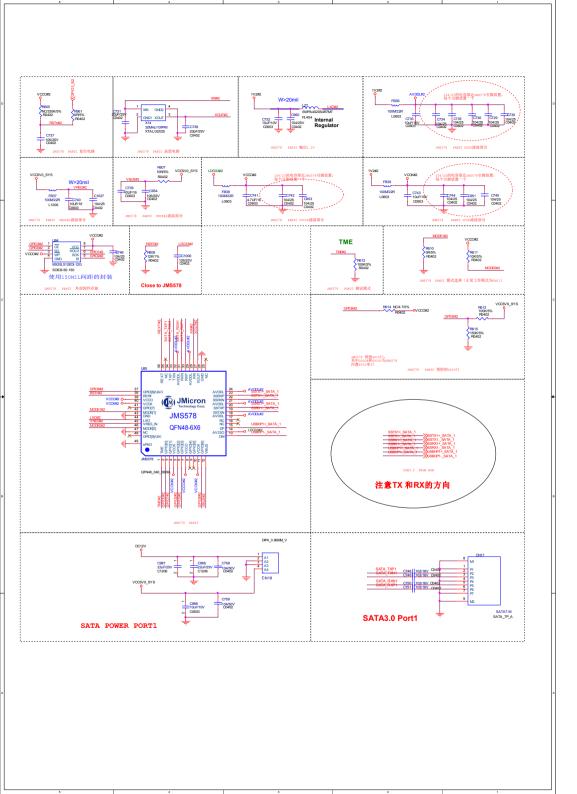


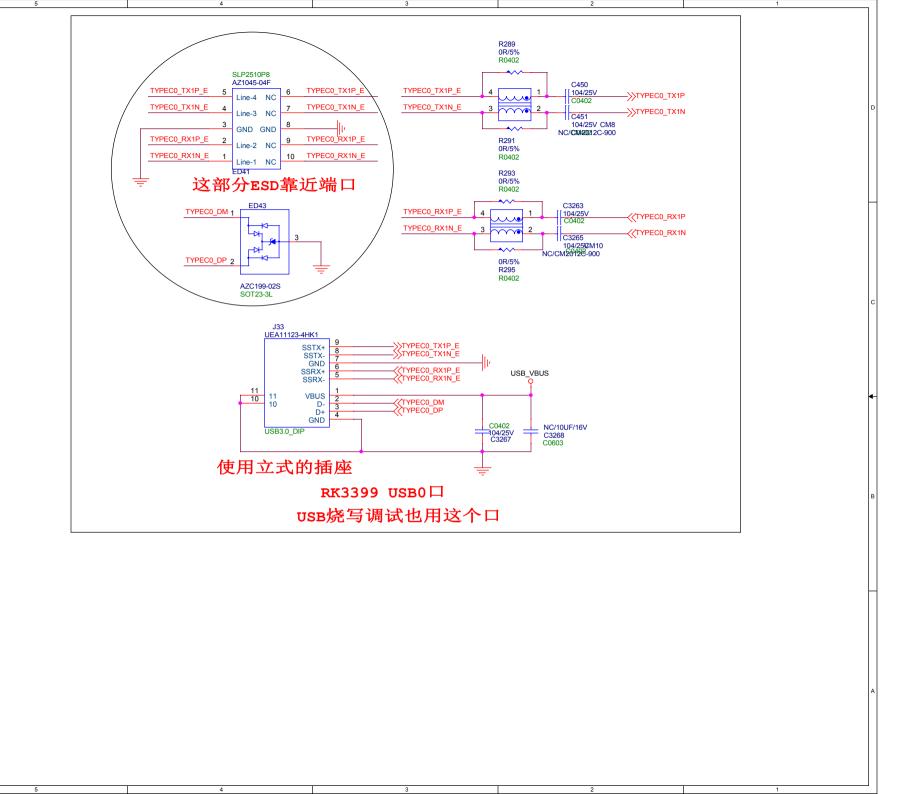


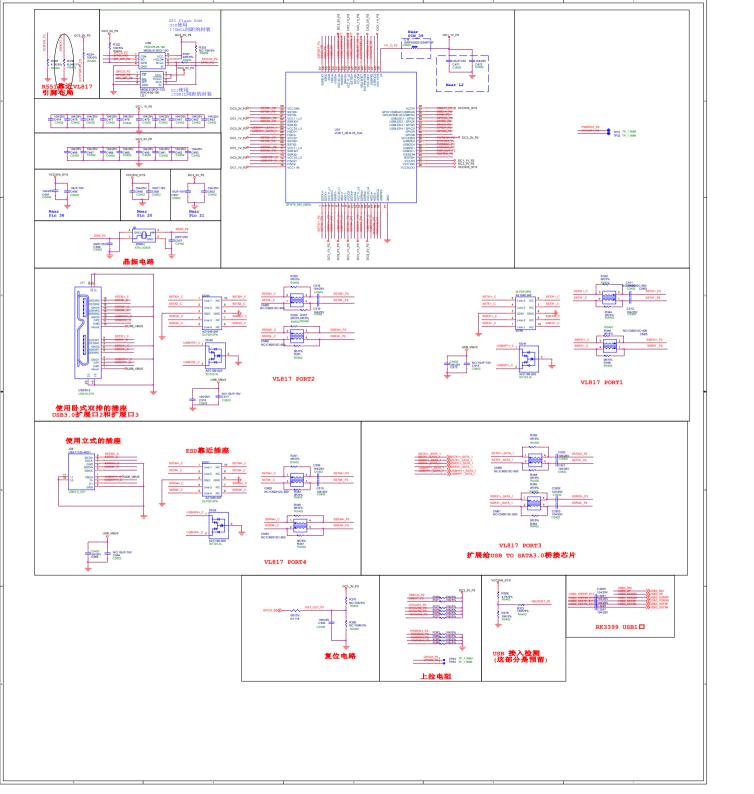


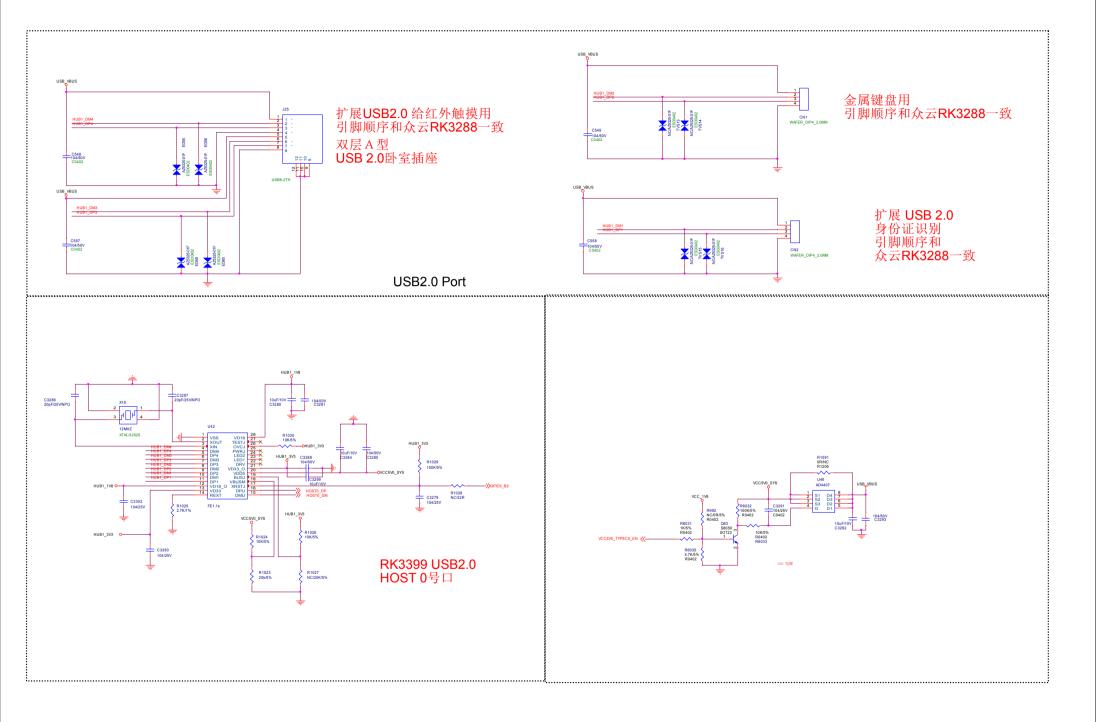


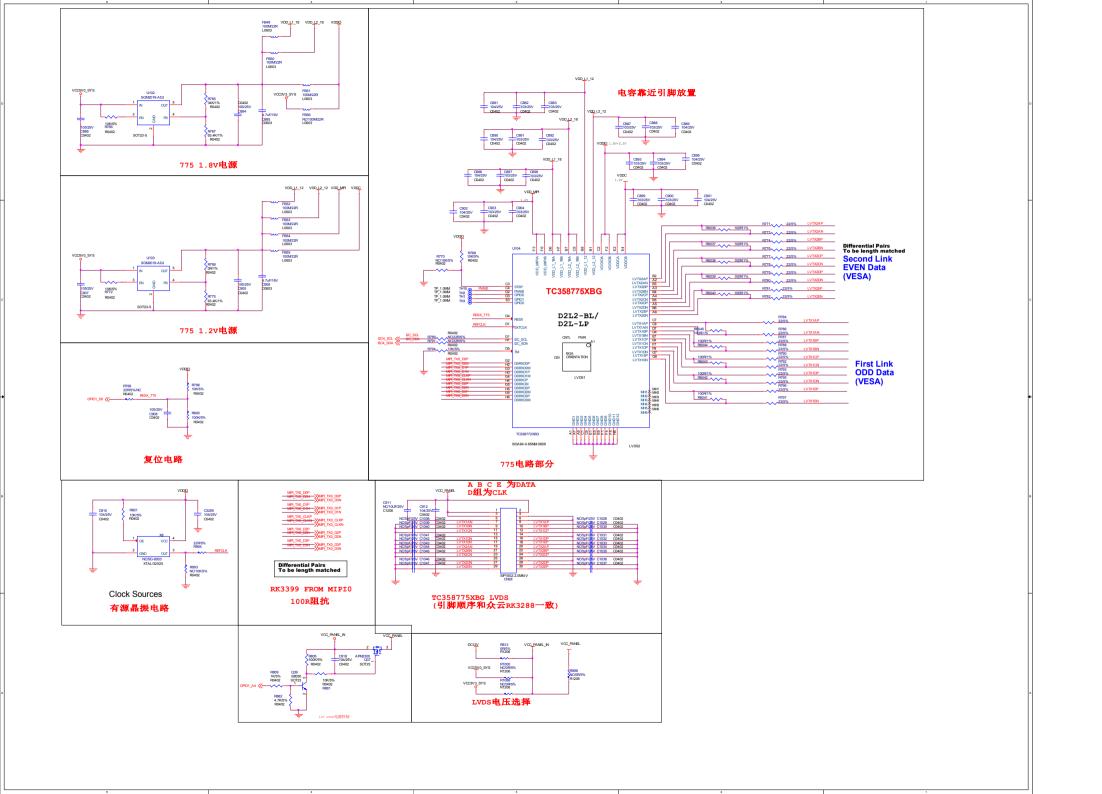


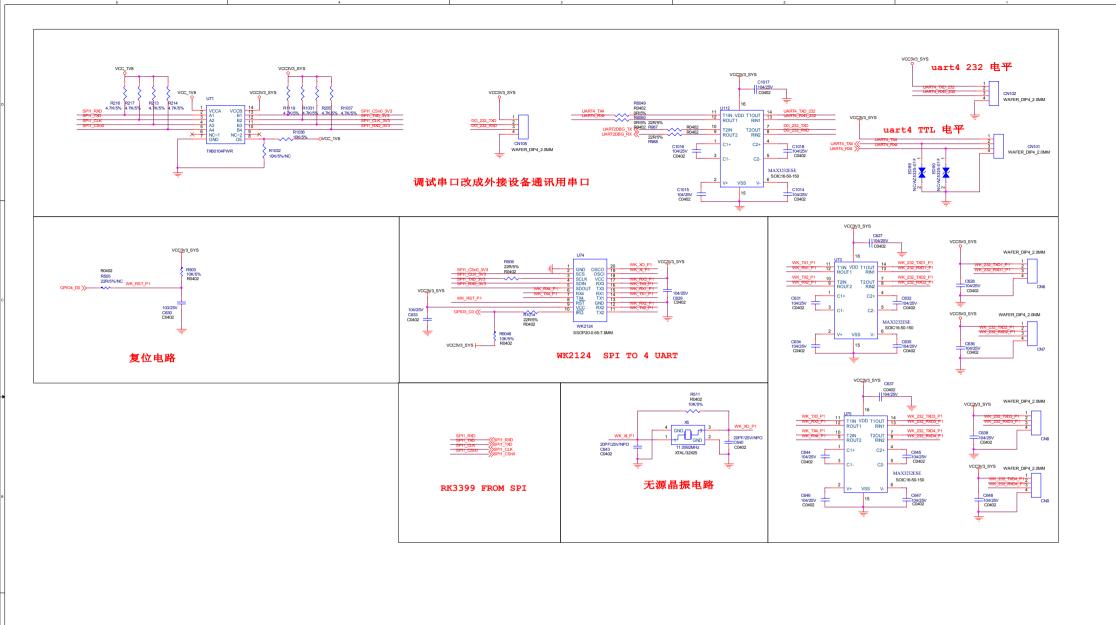


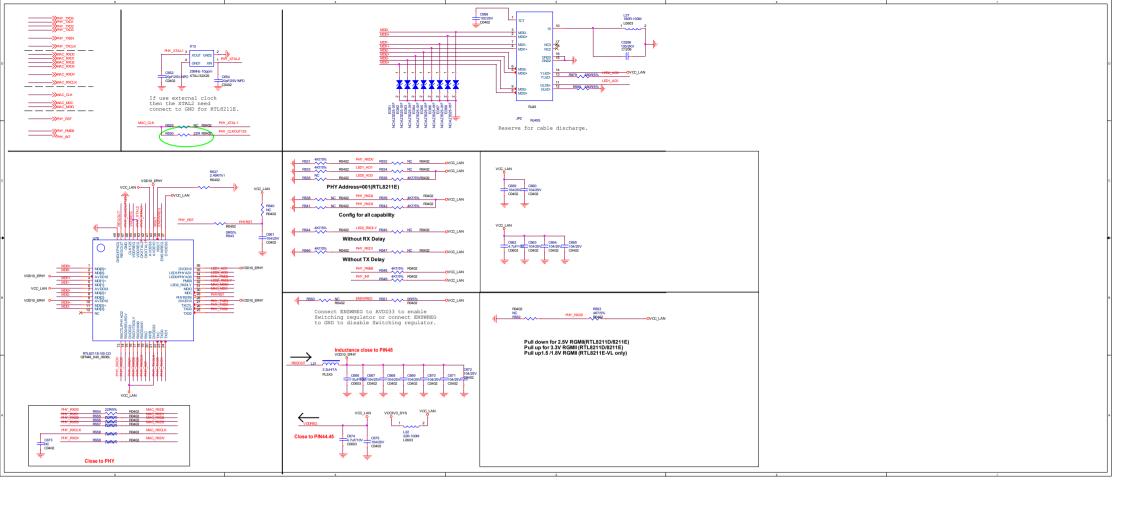


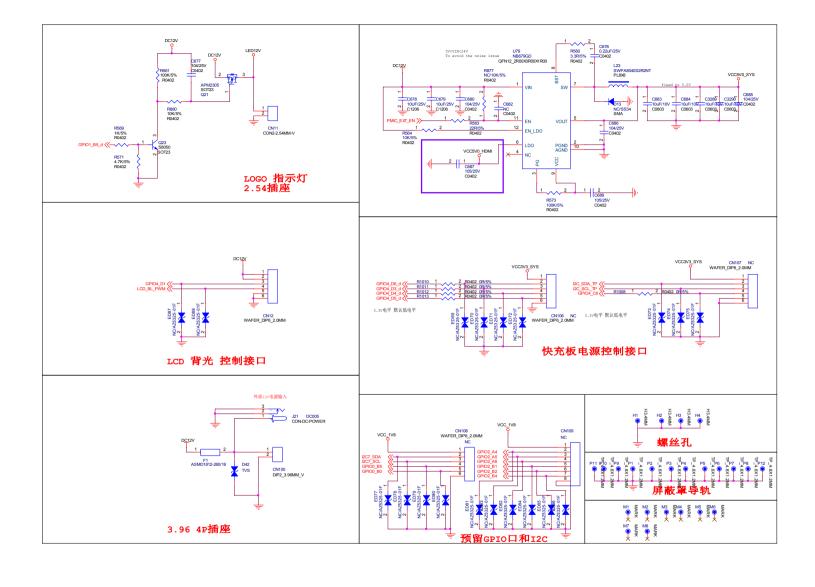


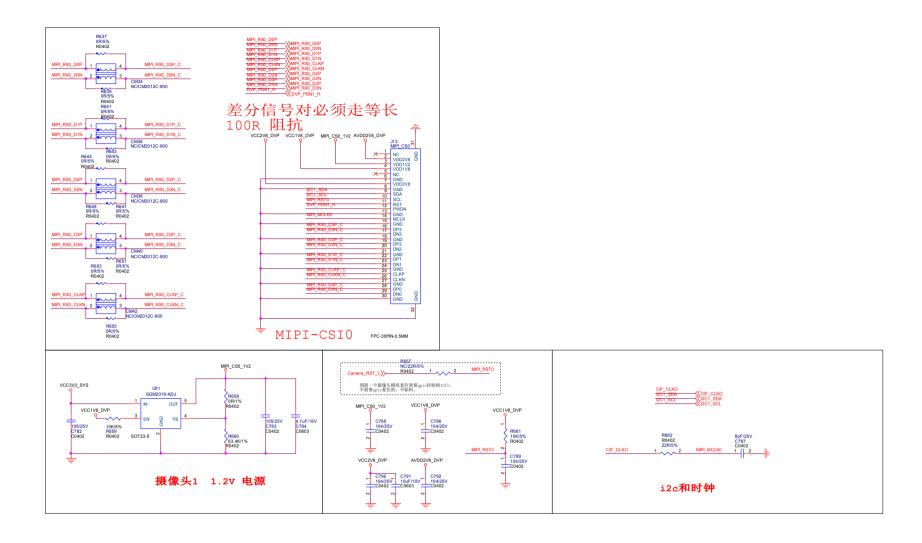


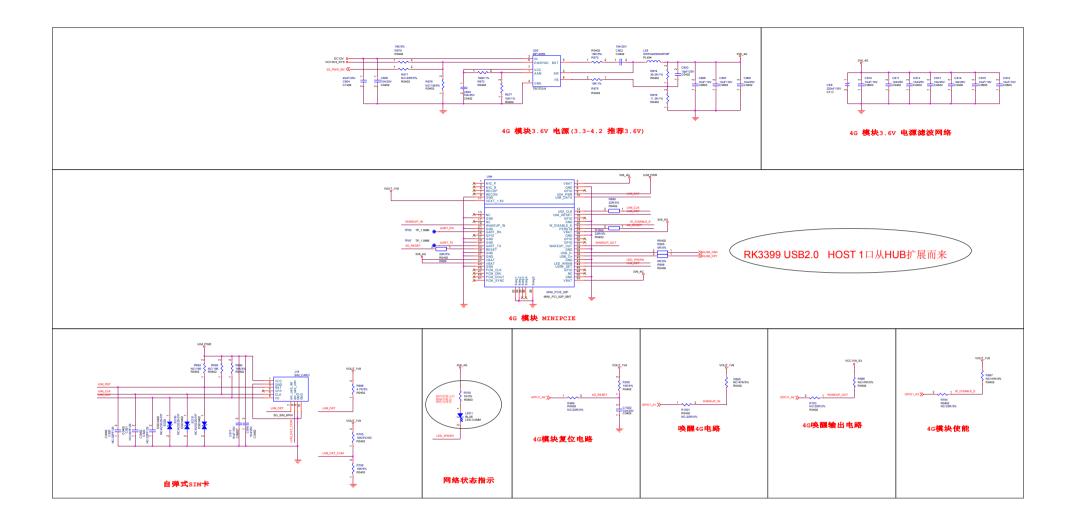


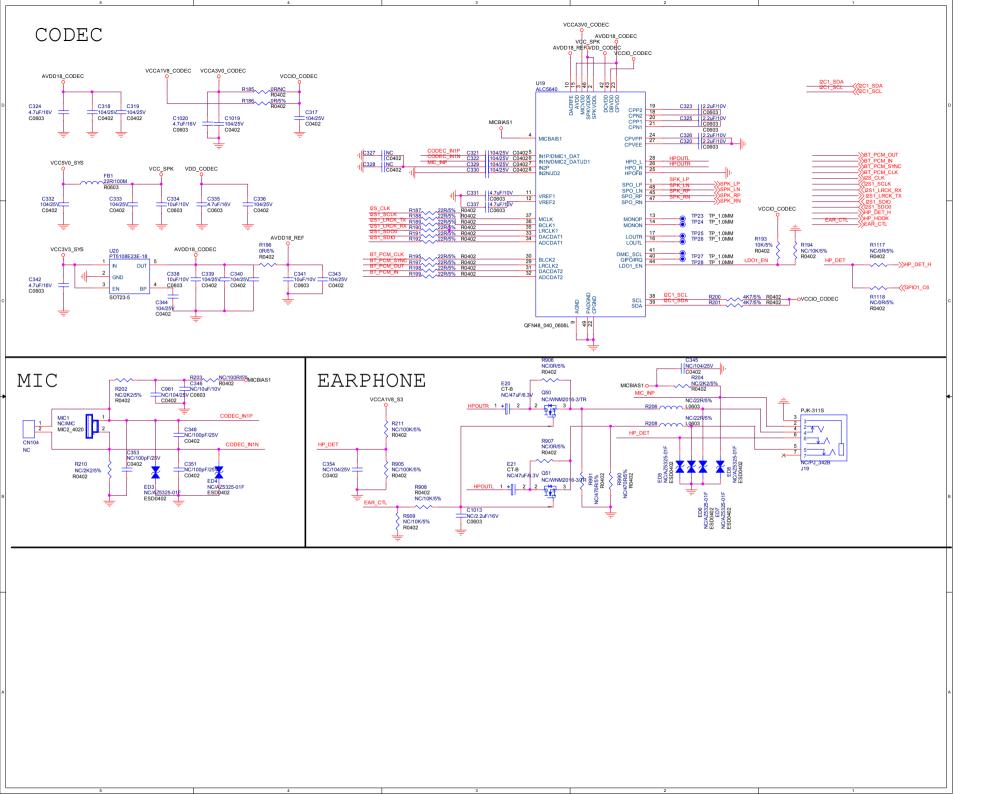


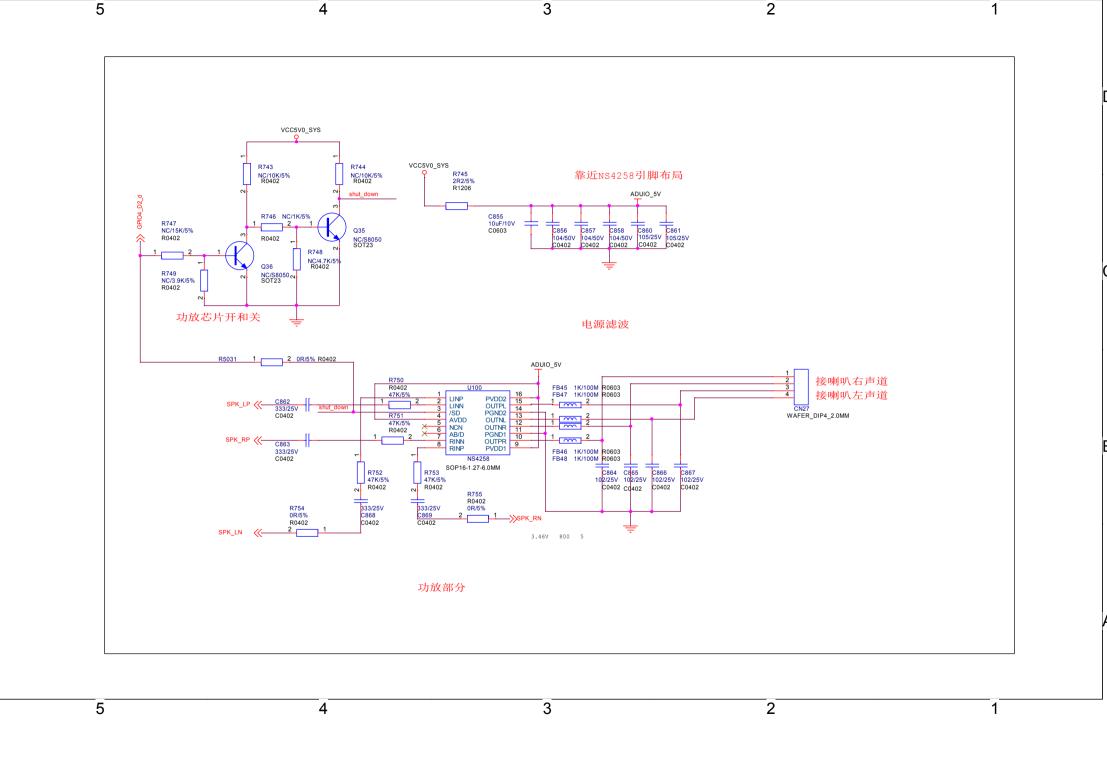


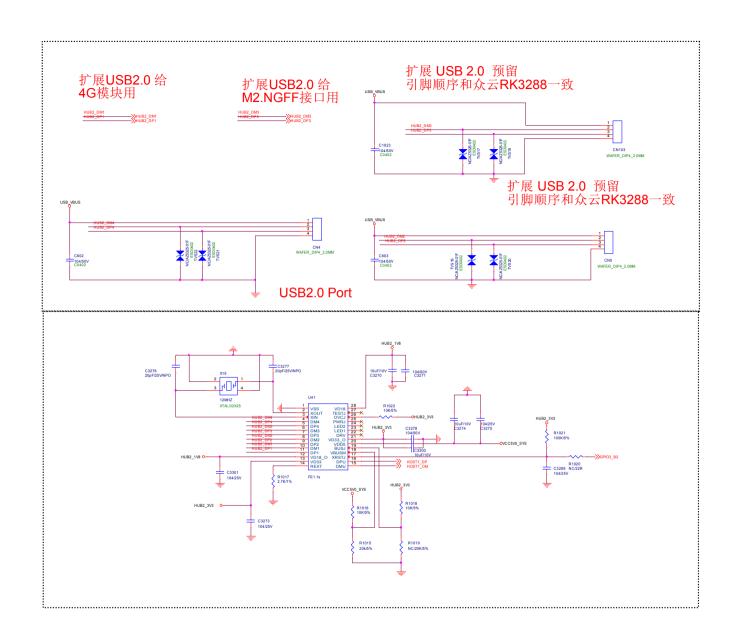


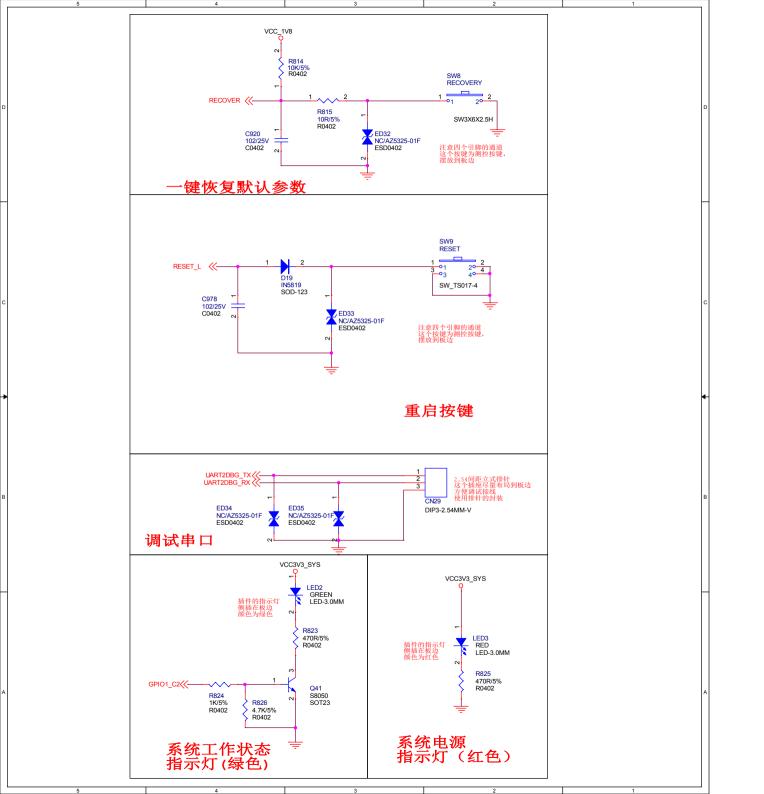


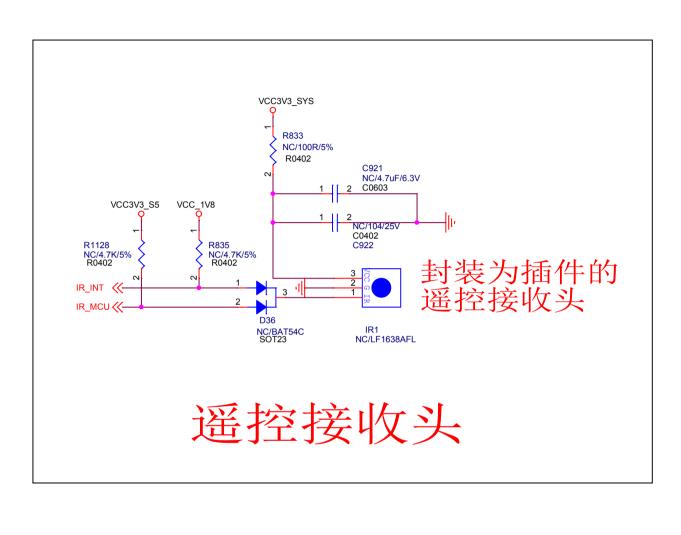


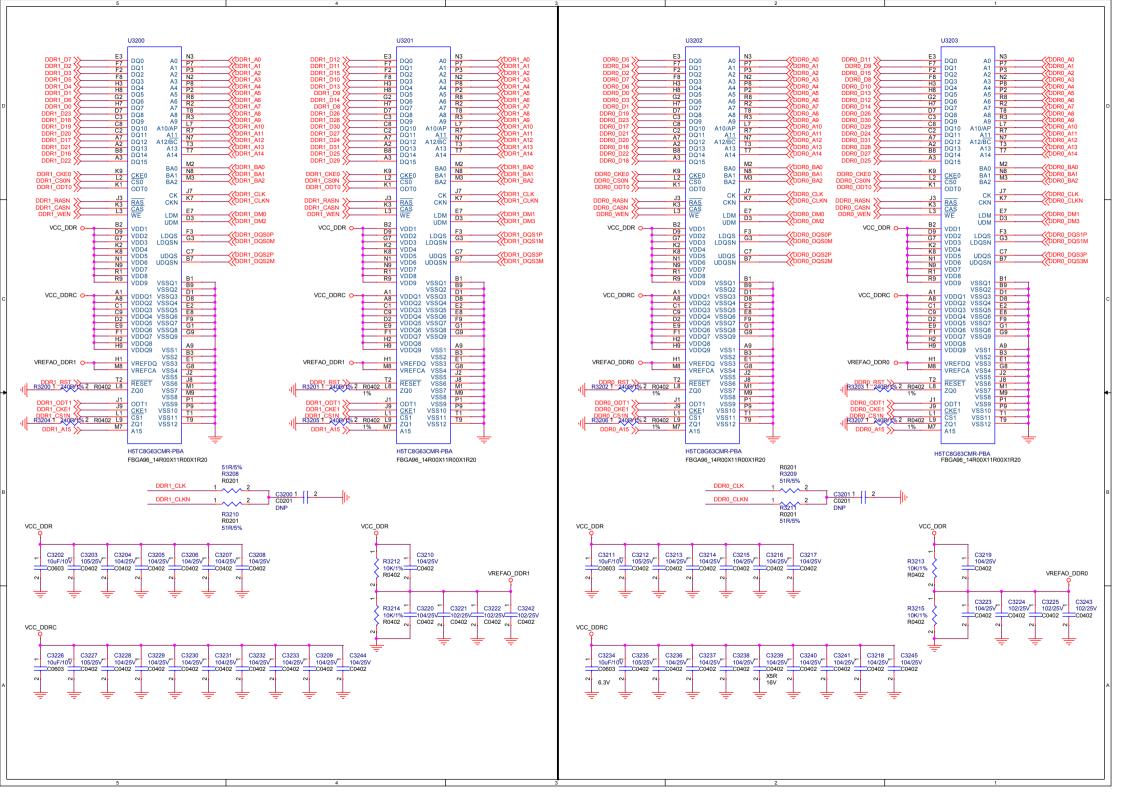


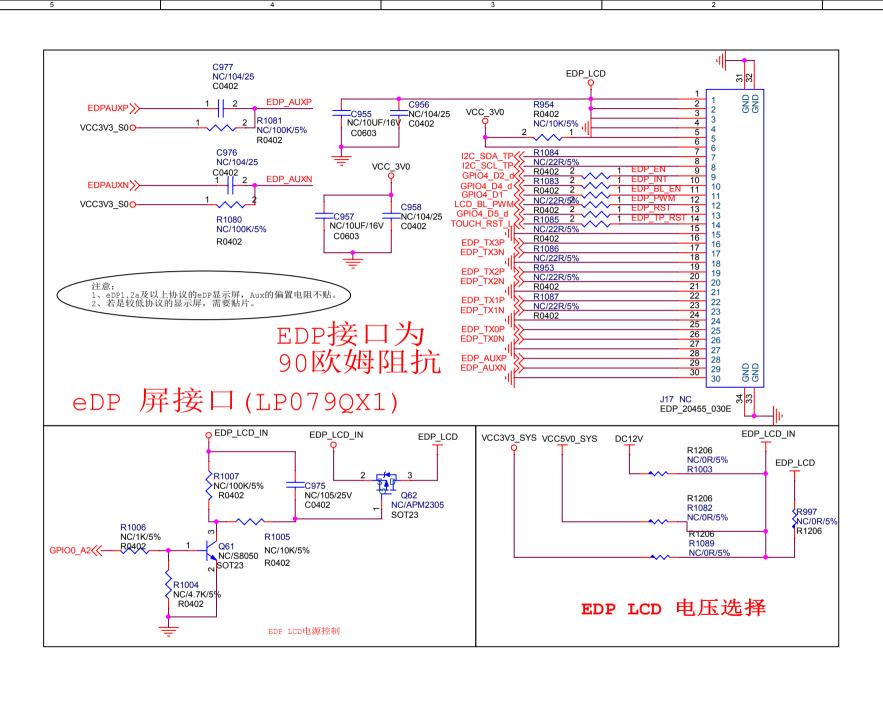












VBUS_MICRO TYPEC0_DM_DG
TYPEC0_DP_DG R1090 NC/10K/5% R0402 VBUS_MICRO TYPECO_DM_DG_2 TYPECO_DP_DG_3 4 5 6 Shields 8 R5019 R0402 0R/5% TYPEC0_ID ((-1) 2 R5029 10K/5% R0402 TYPEC0_DM TYPEC0_DP TYPEC0_DM
TYPEC0_DP R996 NC/10K/5% R0402 TYPEC0_U2VBUSDET —>>TYPEC0_U2VBUSDET TVS23 NC/ESD5302F SOT23-3L R5012 R0402 0R/5% C3260 =104/16V C0402 R5028 15K/5% R0402 D31 BZT52C3V3 SOD-123 TYPEC0_DP_DG TYPEC0_DP USB1 USB烧写调试用 R5013 R0402 USB_MICRO_SOCKET 0R/5% TYPEC0_DM TYPEC0_DM_DG MICRO 5P

