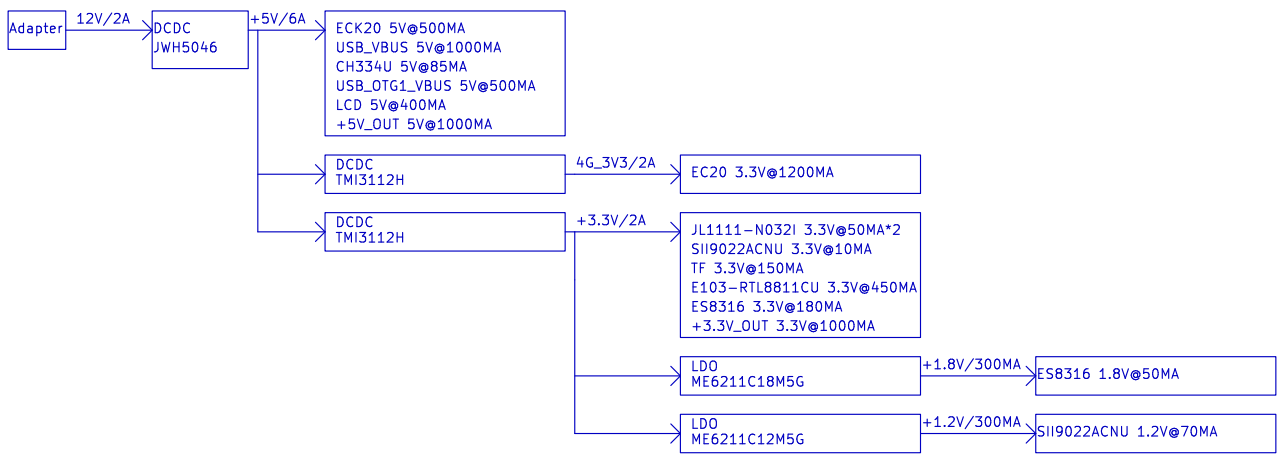
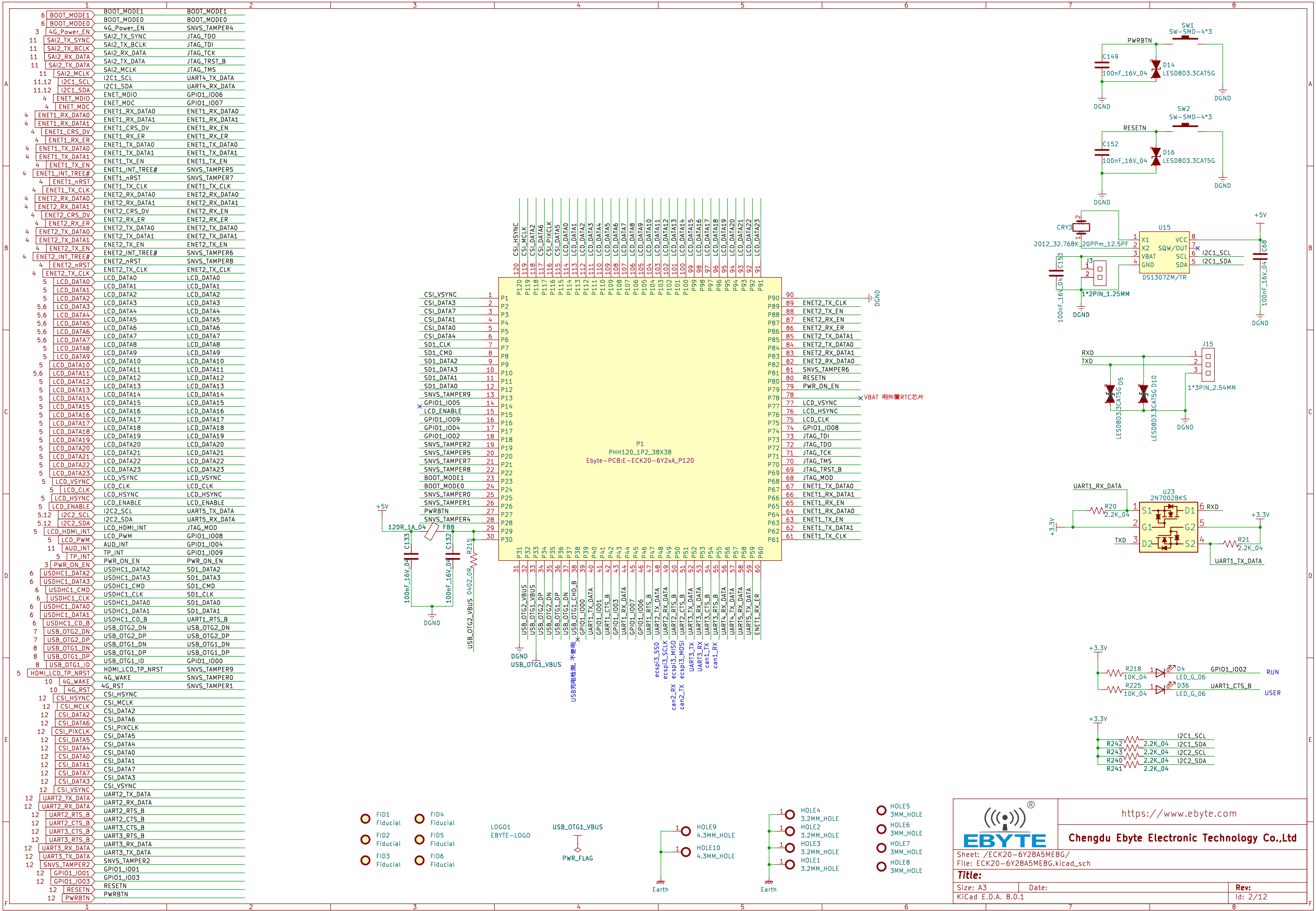
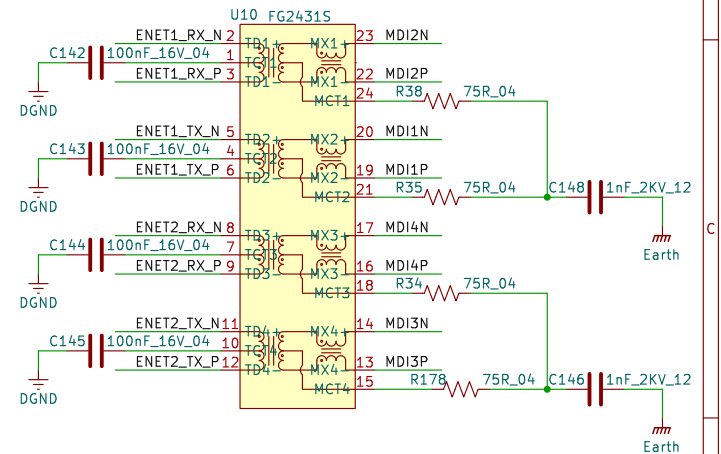
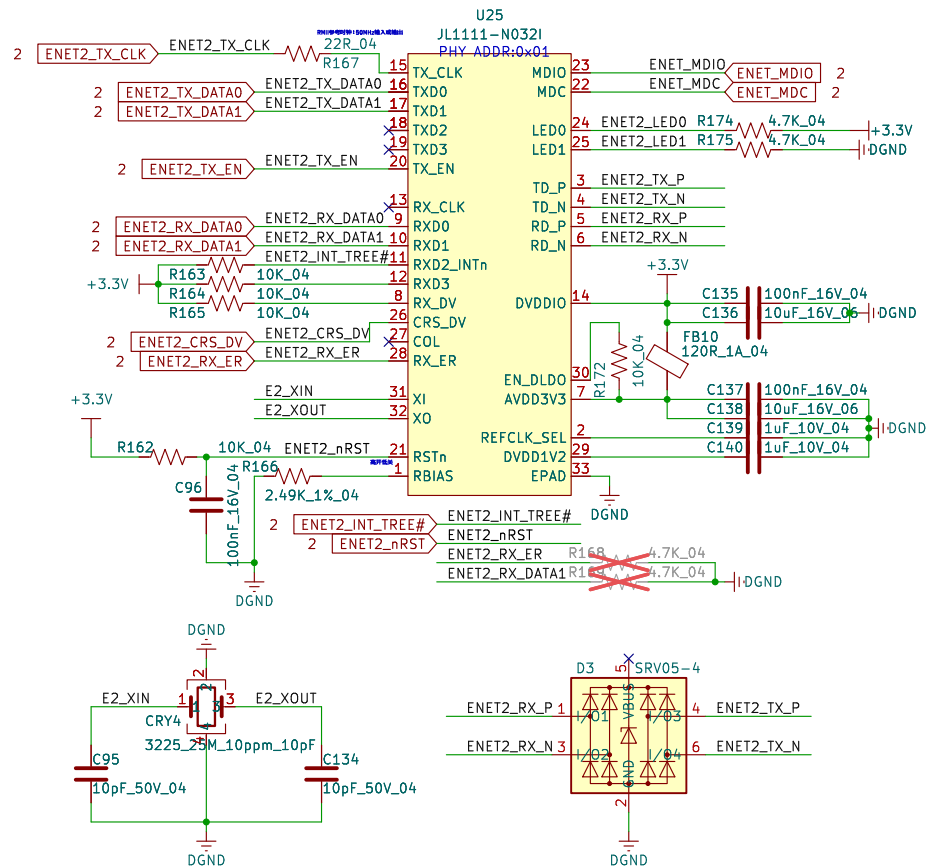




ECK20-6Y28A5ME8G
File: ECK20-6Y28A5ME8G.kicad_sch
POWER
File: POWER.kicad_sch
ETH_10_100M
File: ETH_10_100M.kicad_sch
LCD_HDMI
File: LCD_HDMI.kicad_sch
TF_CARD
File: TF_CARD.kicad_sch
USB_HOST
File: untitled.kicad_sch
USB_OTG
File: USB_OTG.kicad_sch
WIFI_MODULE
File: WIFI_MODULE.kicad_sch
LTE_MODULE
File: LTE_MODULE.kicad_sch
AUDIO_IN_OUT
File: AUDIO_IN_OUT.kicad_sch
EX_INTERFACE
File: EX_INTERFACE.kicad_sch

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Strap Options

PIN NAME	PIN NO.	I/O	DESCRIPTION
RXDV	8	O, LI, PD	0: MII, 1: RMII mode
RXD1	10	O, LI, PD	0: LED (LED Driver), 1: WOL
LED0	24	O, LI, PD	PHY address will be set to 00000 to 00011
LED1	25	O, LI, PD	
RXD3	12	O, LI, PD	0: RMII TXCLK output, 1: RMII TXCLK input
RX_ER	28	O, LI, PD	0: UTP Mode, 1: Fiber Mode
EN_DLDO	30	I, PU	0: Pulled-down to Ground will use external 1.2V power supply. Internal DLDO will be disabled. 1: Pulled-up to AVDD3V3 or floating will enable internal 1.2V LDO for digital
REFCLK_SEL	2	I, PU	0: 50MHz, 1: 25MHz (芯片内上拉)



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File: ETH_10_100M.kicad_sch

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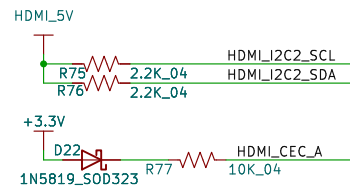
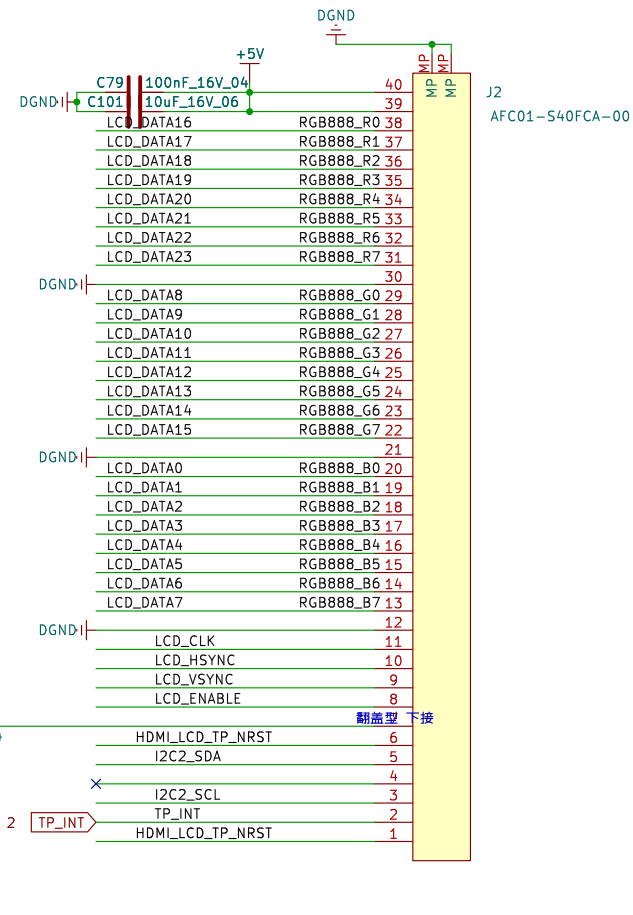
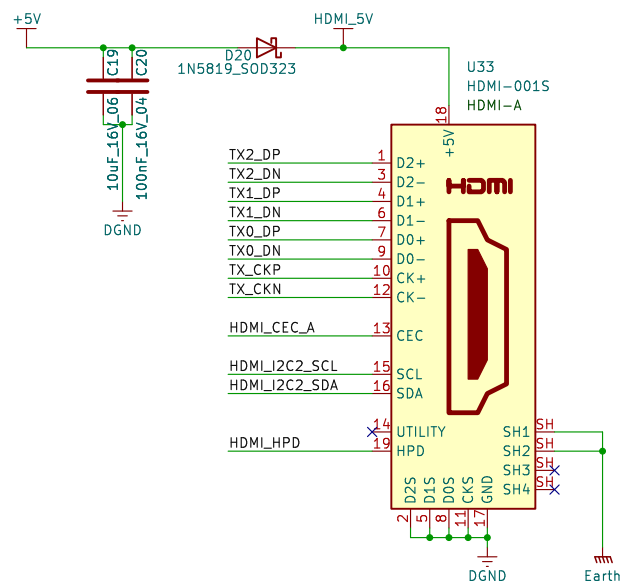
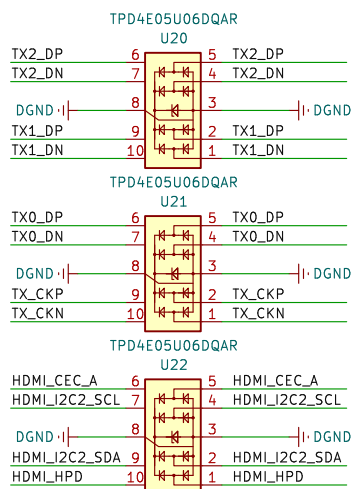
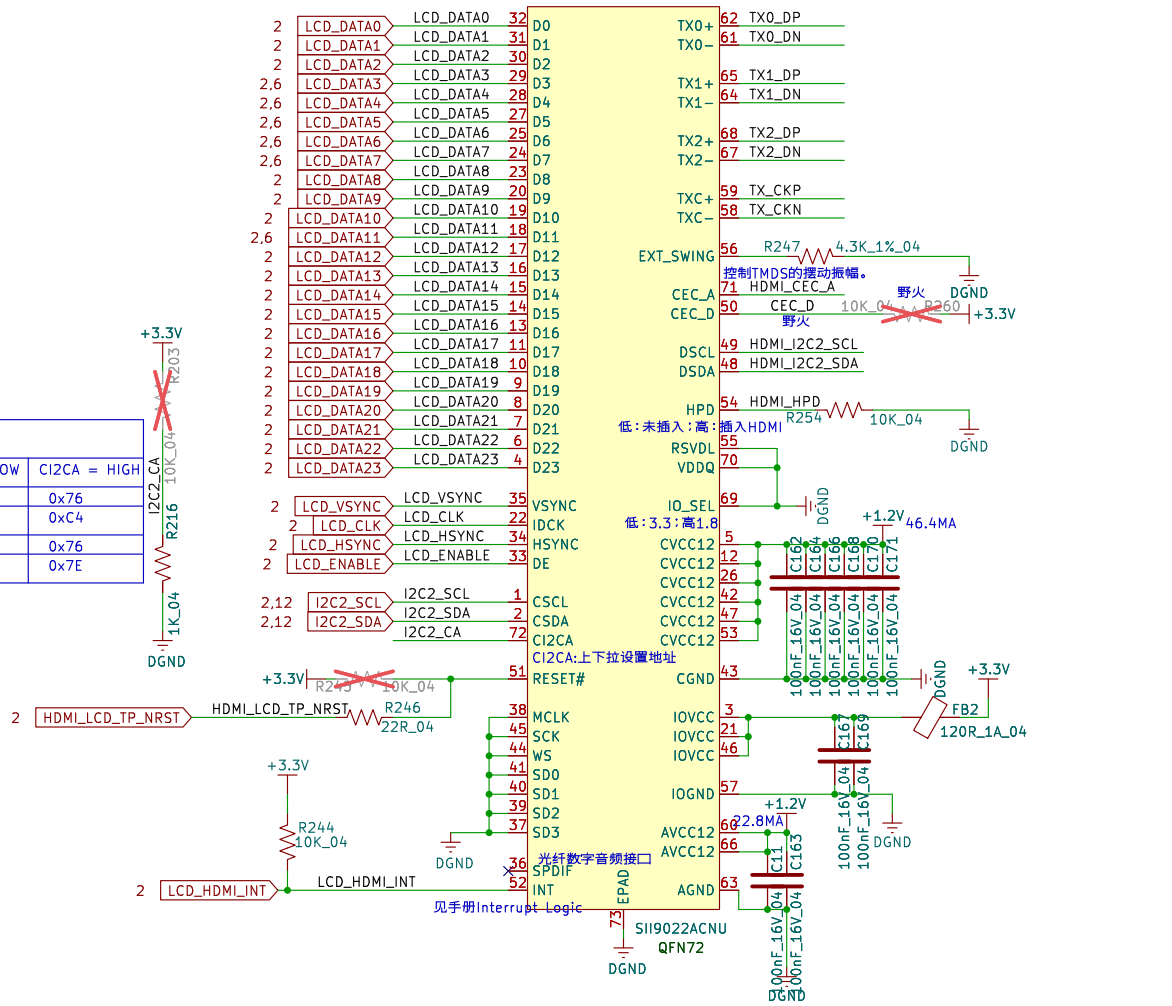
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CI2CA: I2C_ADDRESS		
Function	CI2CA = LOW	CI2CA = HIGH
Transmitter Programming Interface (TP) device address	0x72	0x76
CEC Programming Interface (CPI) device address	0xC0	0xC4
SI19020-compatible Internal registers: first device address	0x72	0x76
SI19020-compatible Internal registers: second device address	0x7A	0x7E





Sheet: /LCD_HDMI/
File: LCD_HDMI.kicad_sch

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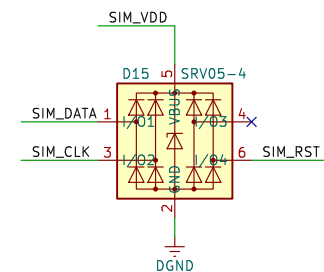
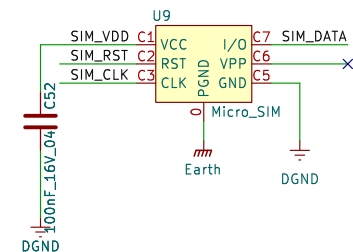
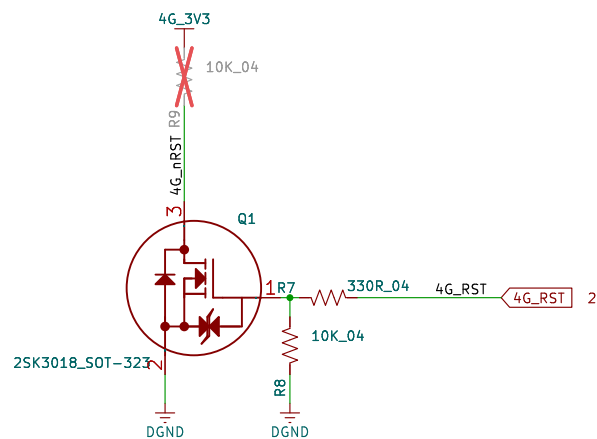
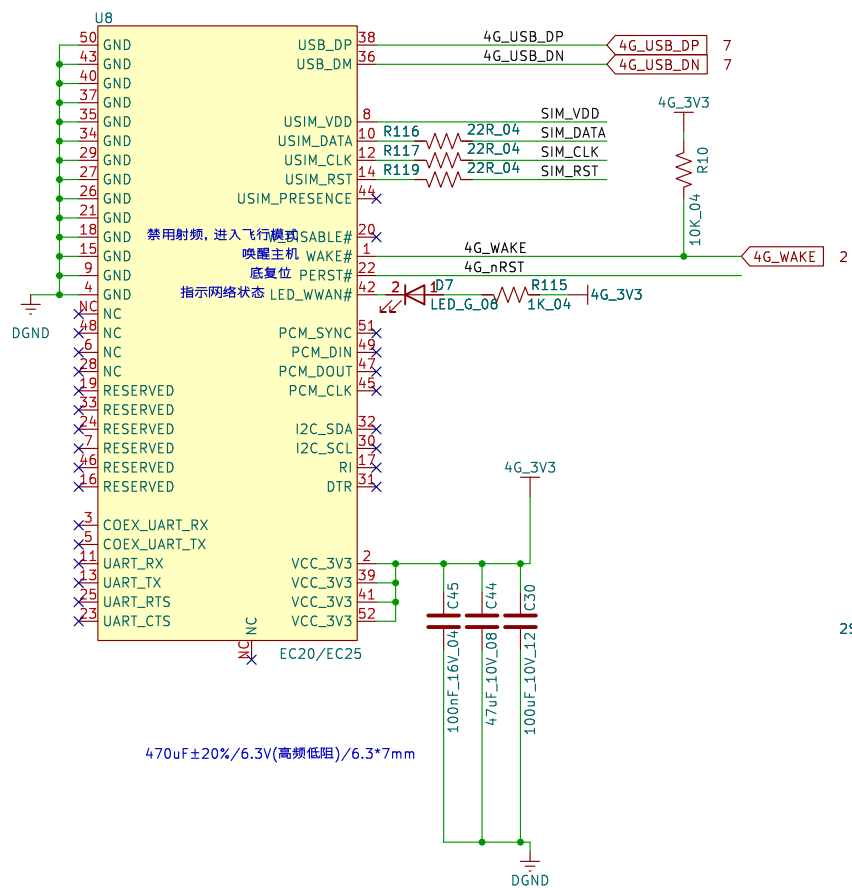
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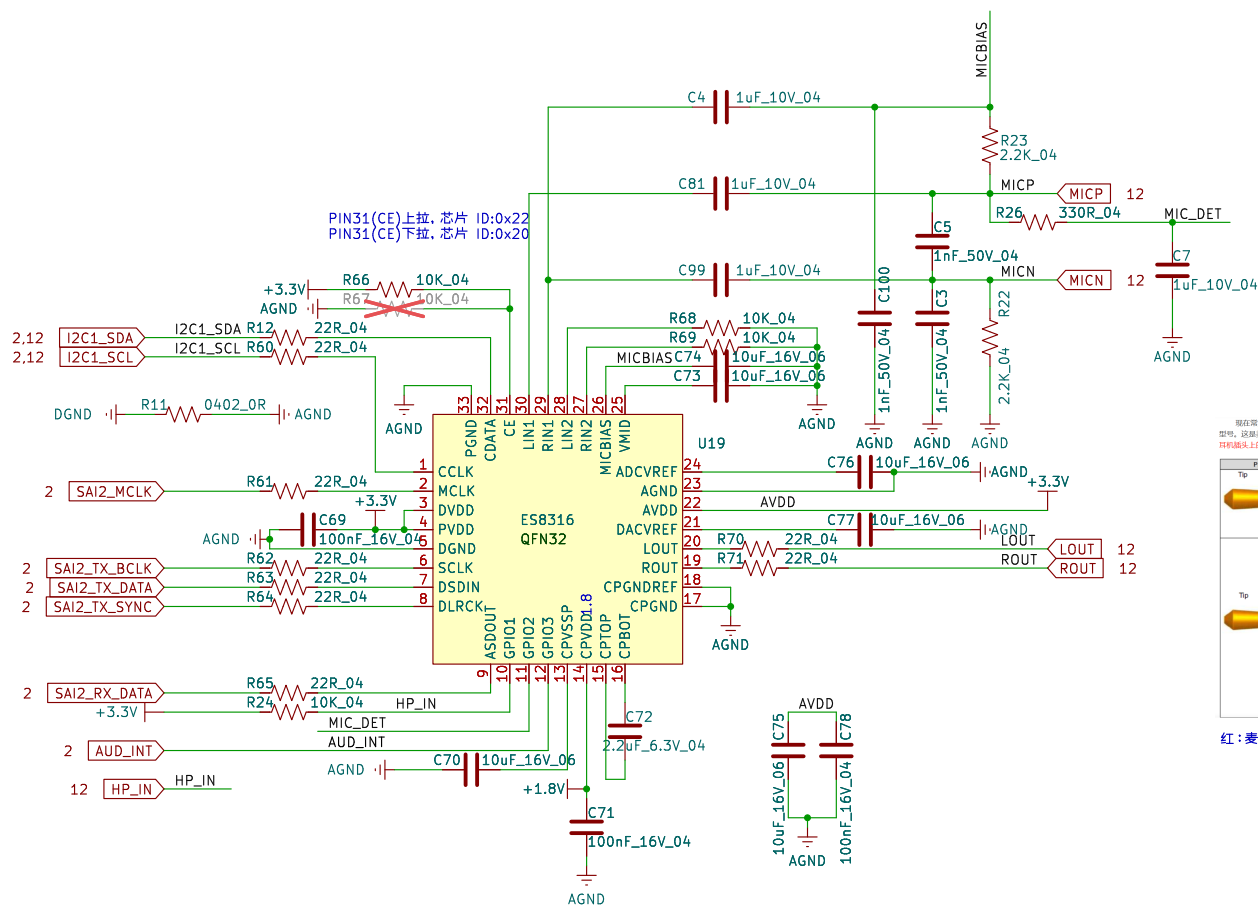
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请在指定的耳机接口处第 3.5mm 四芯接口，分为 3-pole (3T) 和 4-pole (4T) 两种，而 4-pole 中又分 Standard 和 OMTP 两种型号。按照美国人的叫法，国内一般把 OMTP 称为国标，而把 Standard 称为 CTIA 或美标。一般来讲，美标 (CTIA) Standard 型号的耳机插头上的塑料体是白色的，而国标 OMTP 型号插头上的塑料体是黑色的。见下图：

PHYSICAL CONNECTOR	INTERNAL IMPEDANCE NETWORK	PIN NAME	CONFIGURATION
3-pole TRS		Tip	Audio Left
		Ring	Audio Right
4-pole TRRS		Tip	Audio Left
		Ring1	Audio Right
		Tip	Audio Left
		Ring1	Audio Right

红：麦克；绿：耳机



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Sheet: /AUDIO_IN_OUT/
File: AUDIO_IN_OUT.kicad.sch

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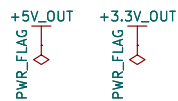
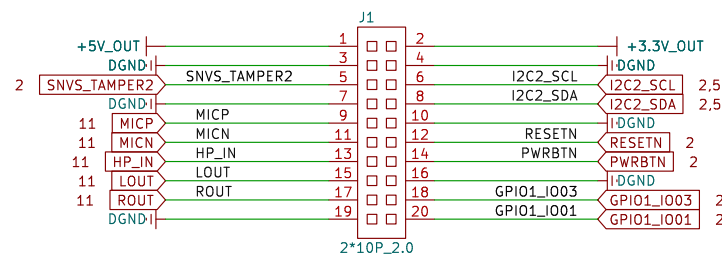
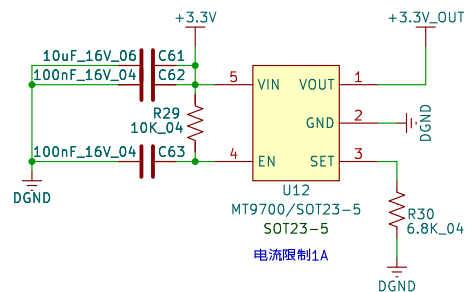
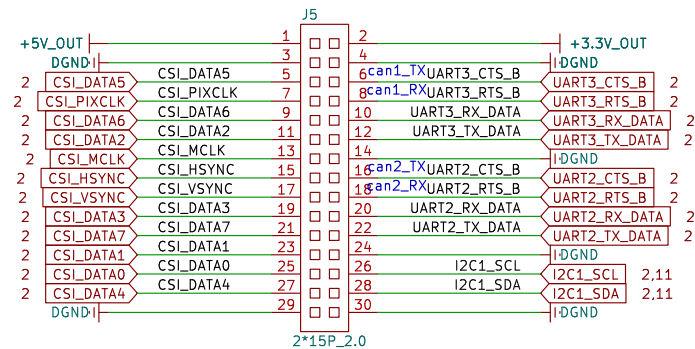
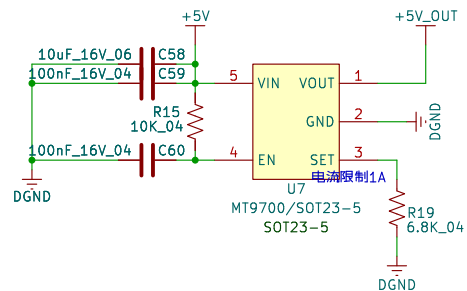
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