

红外解码

CAN通信

MODBUS协议

UDP网传

UART

红外接收

CAN 收发器

RS485 收发器

RTL8201 网络PHY

CH340 USB转串口

IIC

PCF8563 RTC

12位 8通道ADC

SPI ADC

SPI

8位数码管

12位 2通道DAC

SPI DAC

PWM

蜂鸣器

WM8731音频

IIS

Input

按键*3

摄像头接口

CMOS

Output

LED * 4

正点原子屏接口

VGA

64Mb SDRAM

SDRAM

16Mb EPCS

SPI

24LC64 EEPROM

IIC

兼容友晶DE2的
40P通用扩展接口

Title		
Size	Number	Revision
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Date:	2018-03-22	Sheet of
File:	D:\XiaoMeige_fpga_System\..00_systemDrawSheet.Doc	

A

A

B

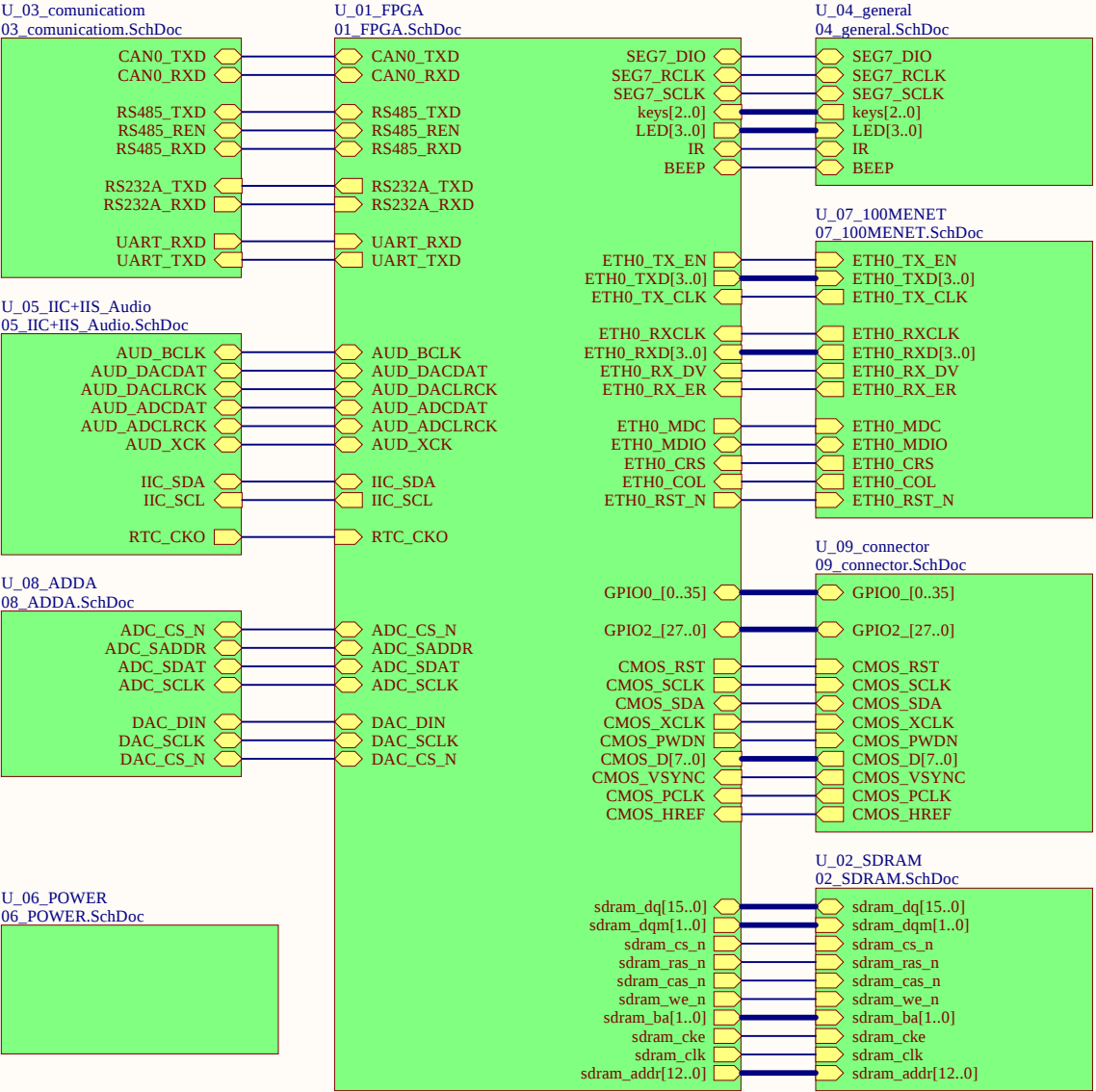
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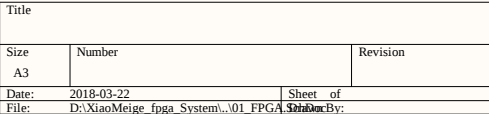
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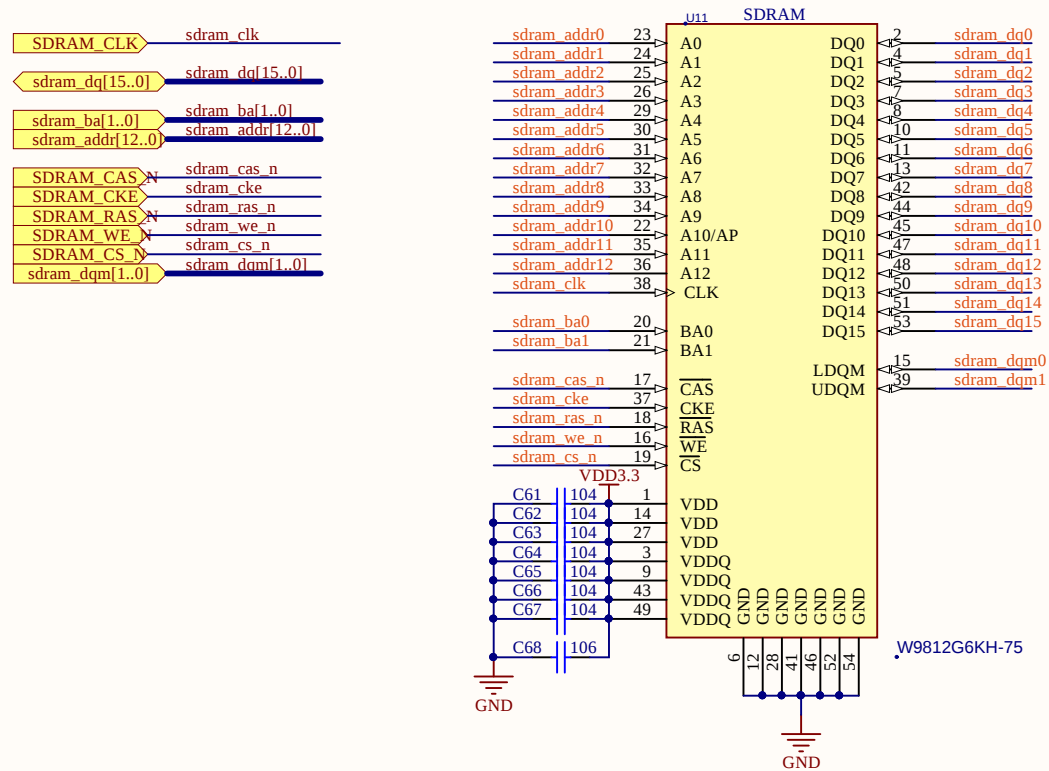
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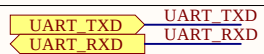
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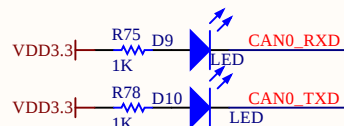
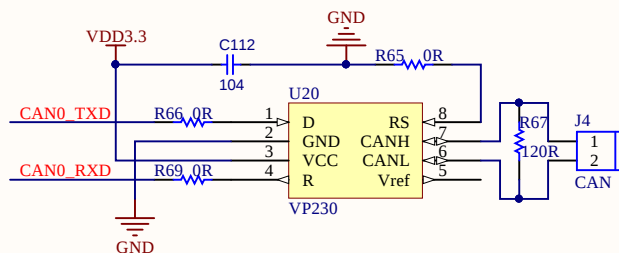
128Mbit SDRAM



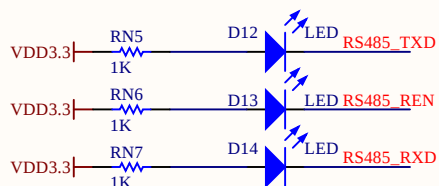
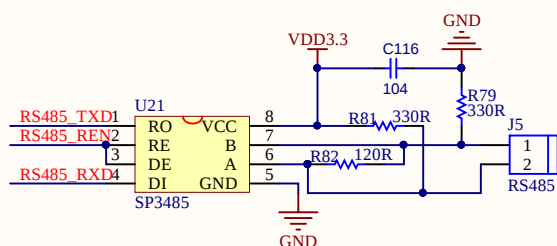
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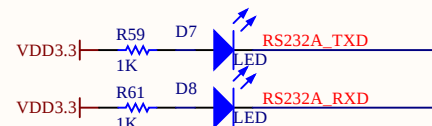
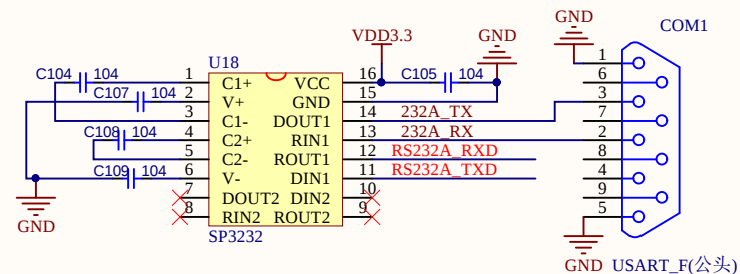
CAN总线电路



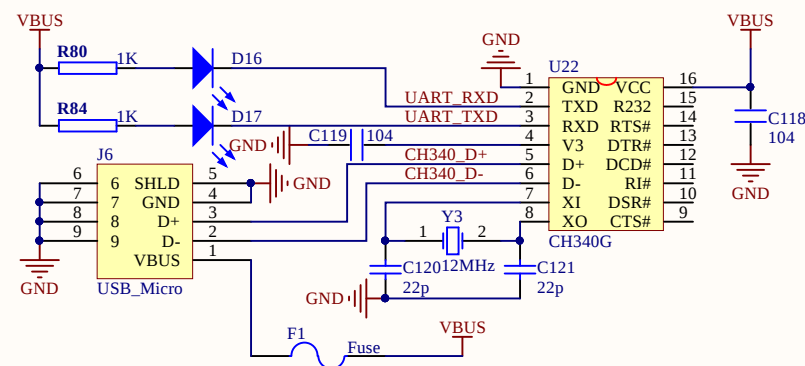
RS485电路



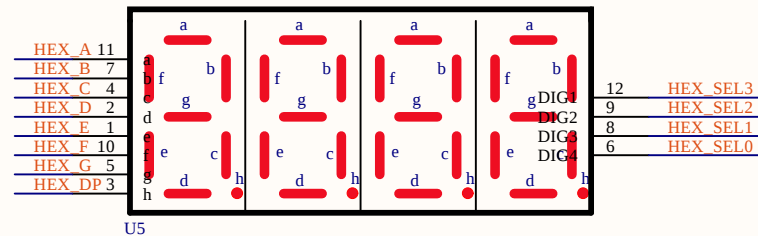
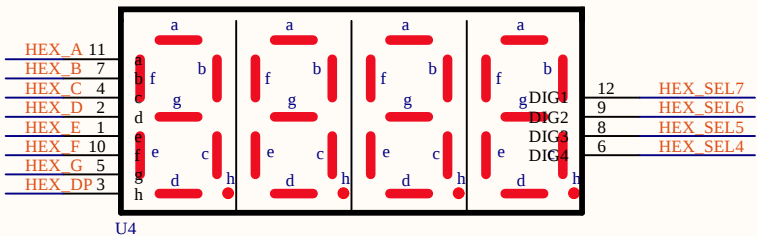
RS232电路



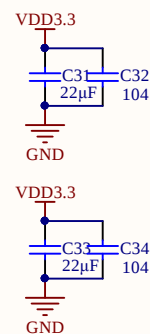
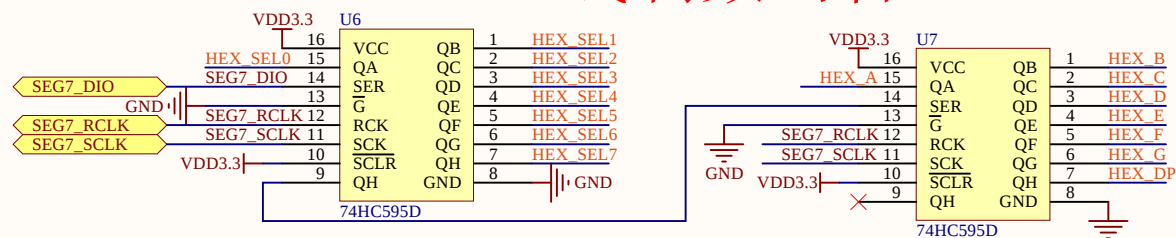
USB转UART串口电路



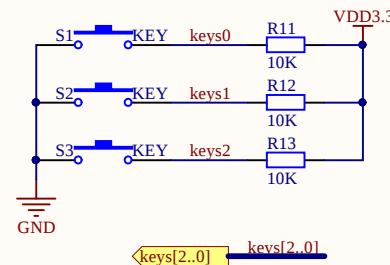
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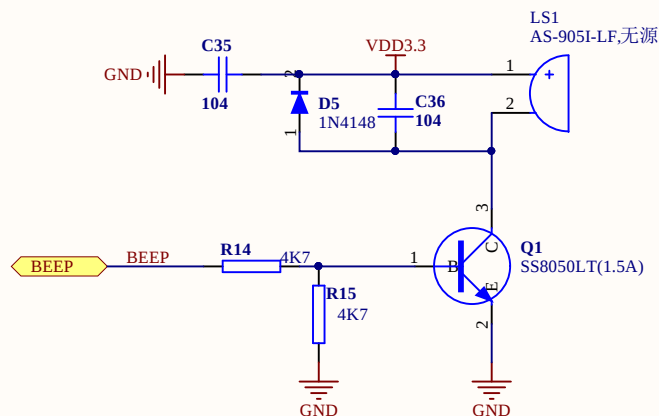
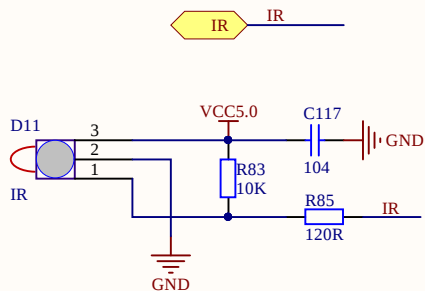
三线制数码管



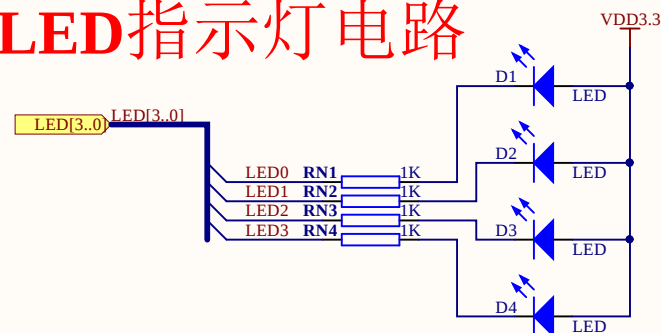
轻触按键电路



红外遥控接收电路 无源蜂鸣器电路



LED指示灯电路



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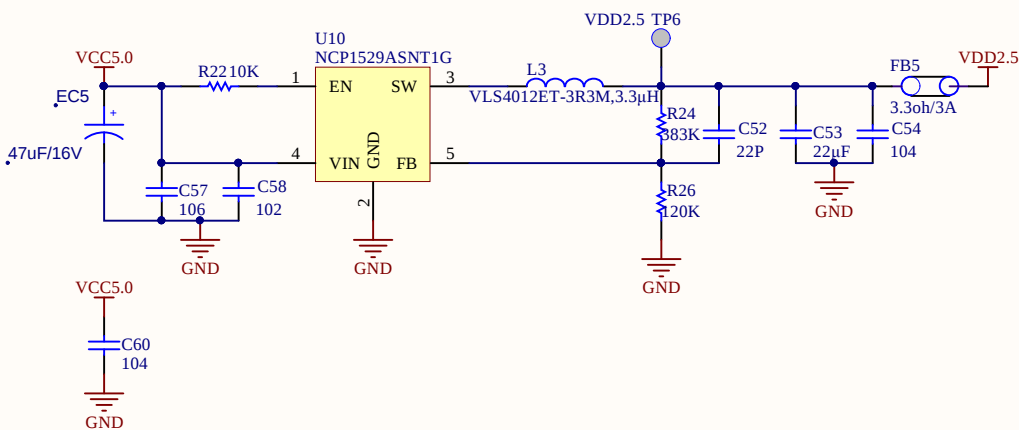
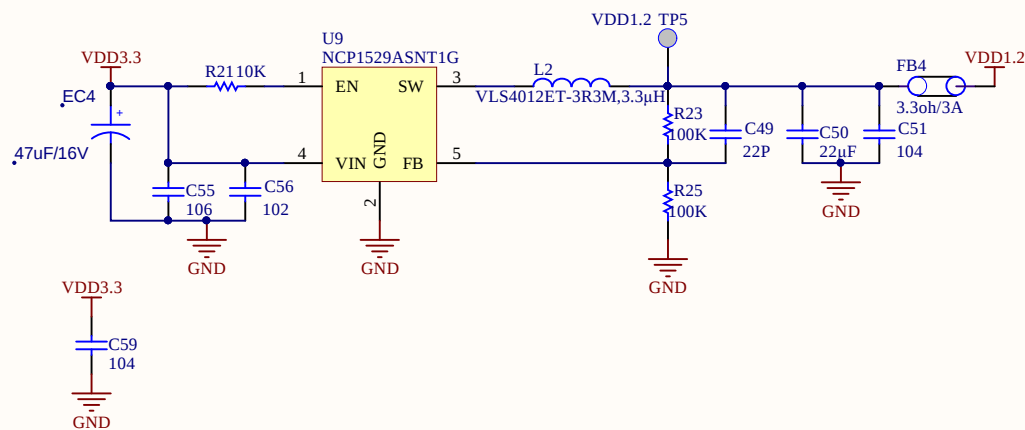
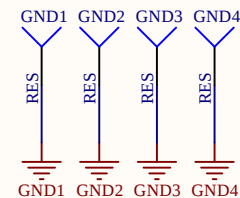
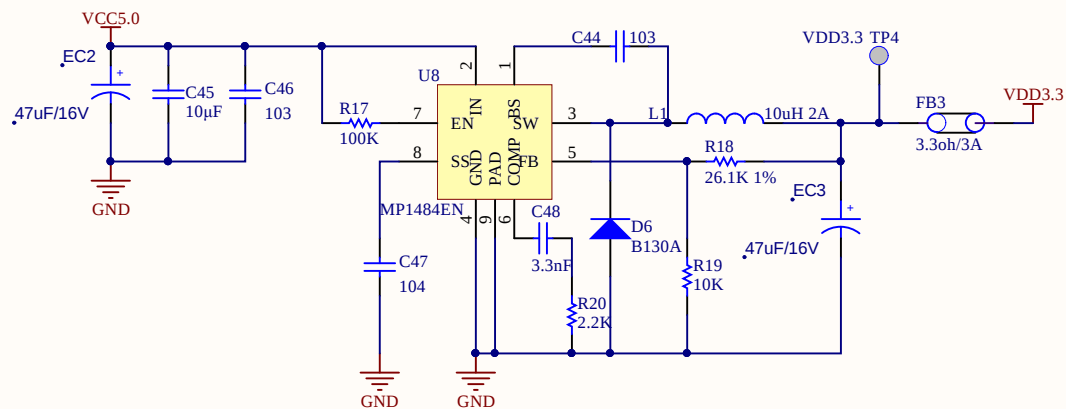
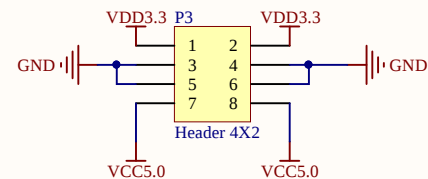
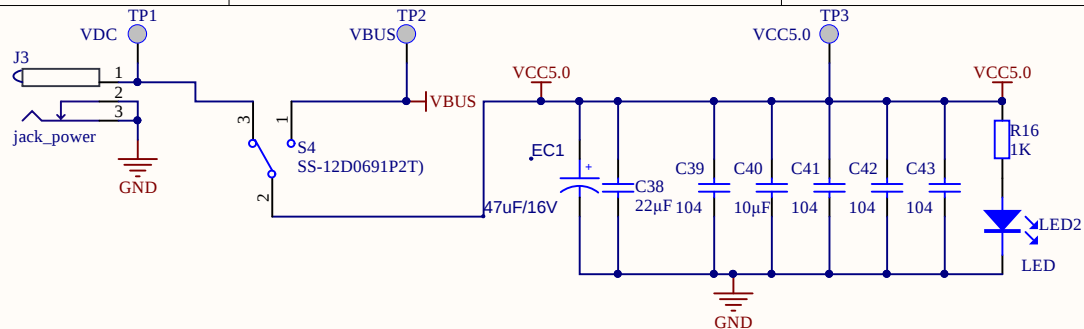
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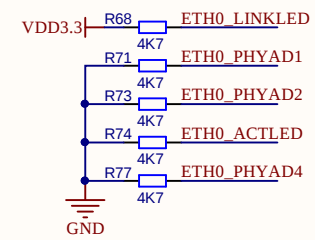
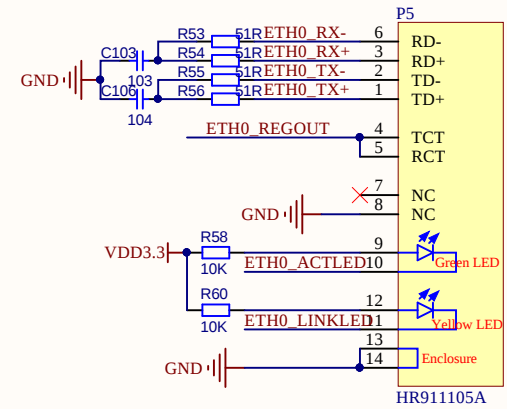
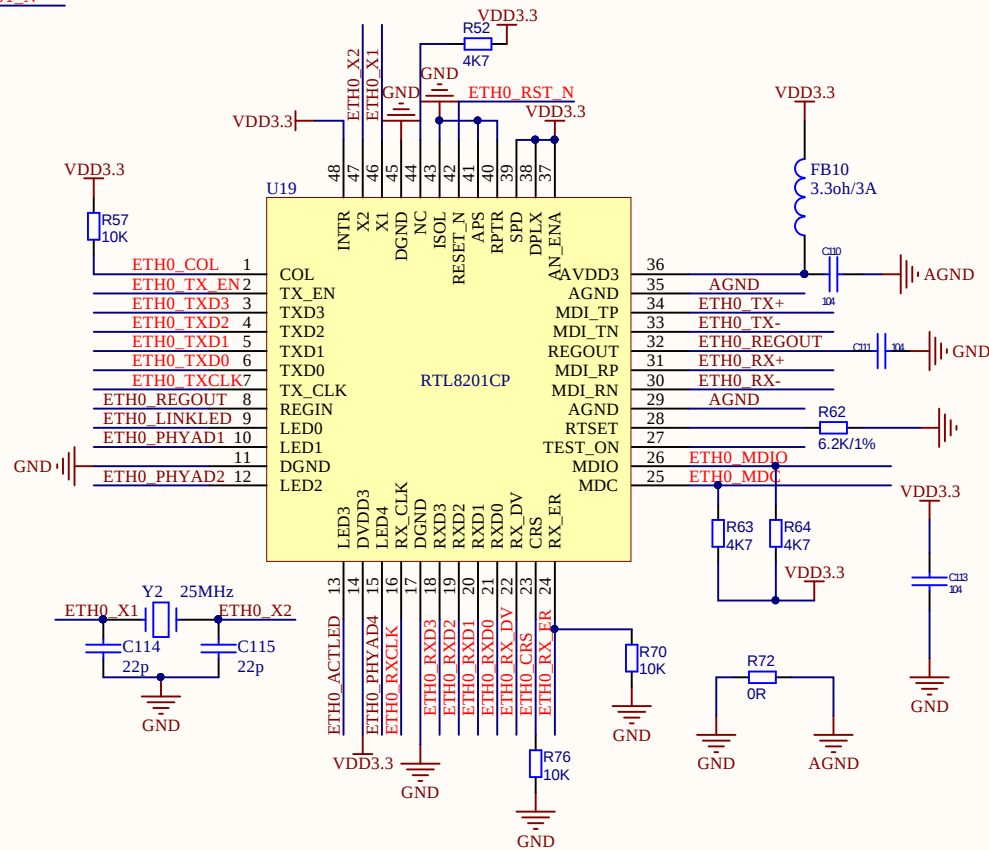
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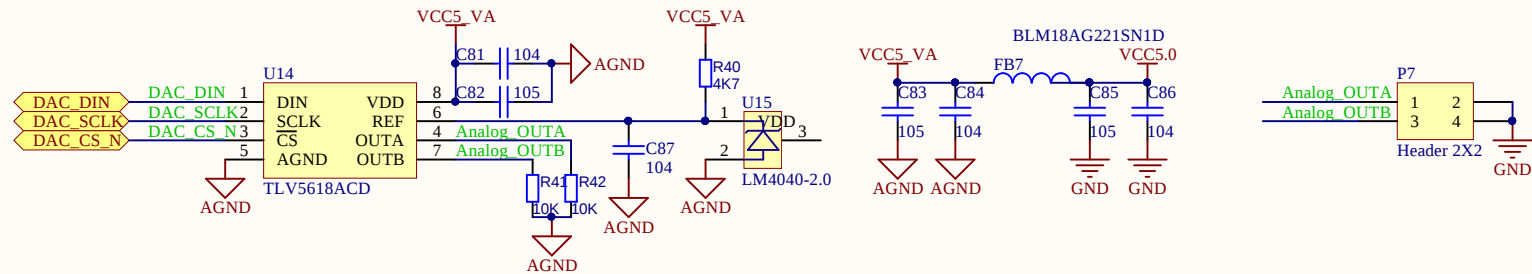
RTL8201以太网电路

ETH0_TX_EN	ETH0_TX_EN
ETH0_TX_CLK	ETH0_TXCLK
ETH0_TXD[3..0]	ETH0_TXD[3..0]
ETH0_COL	ETH0_COL
ETH0_RXCLK	ETH0_RXCLK
ETH0_RXD[3..0]	ETH0_RXD[3..0]
ETH0_RX_DV	ETH0_RX_DV
ETH0_CRS	ETH0_CRS
ETH0_RX_ER	ETH0_RX_ER
ETH0_MDIO	ETH0_MDIO
ETH0_MDC	ETH0_MDC
ETH0_RST_N	ETH0_RST_N

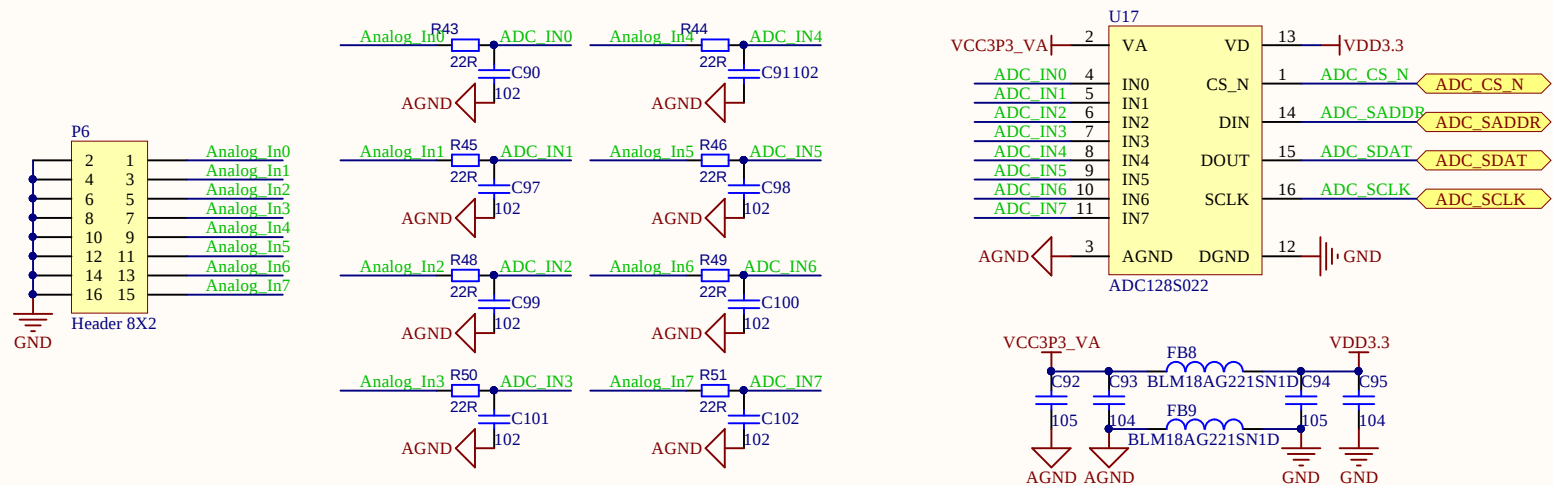


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TLV5618 2通道12位DAC电路

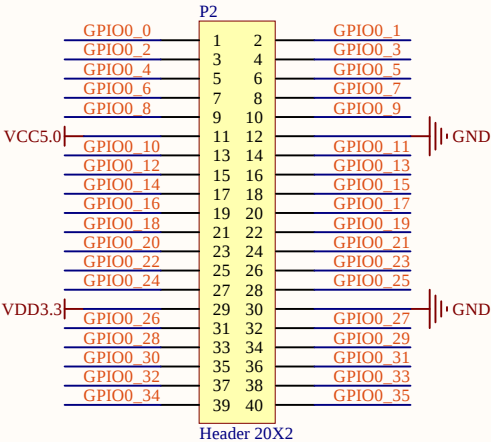


ADC128S022 8通道12位ADC电路



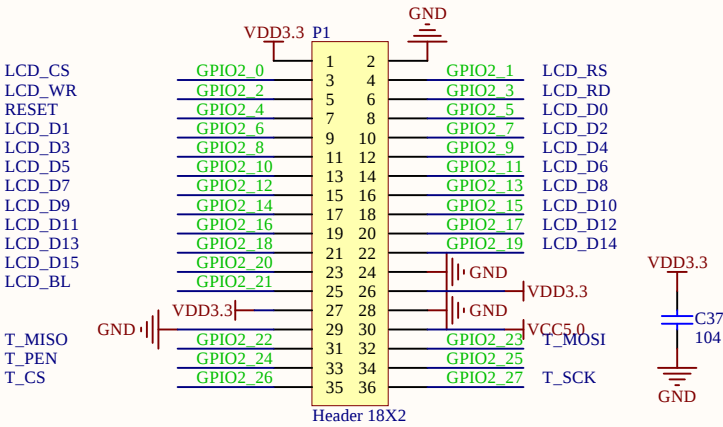
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兼容DE2的通用扩展接口



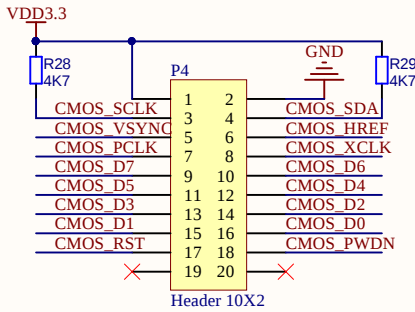
此接口为通用标准扩展接口，兼容友晶DE2开发板扩展口

通用显示扩展接口



此接口为扩展显示接口，方便扩展VGA，并支持正点原子的液晶屏

通用CMOS摄像头接口



此接口为通用CMOS摄像头接口，方便连接各种常见CMOS摄像头

Title		
Size	Number	Revision
A4		
Date:	2018-03-22	Sheet of
File:	D:\XiaoMeige_fpga_System\...\09_connect\Doc\SchDoc	

110.00

150.00

