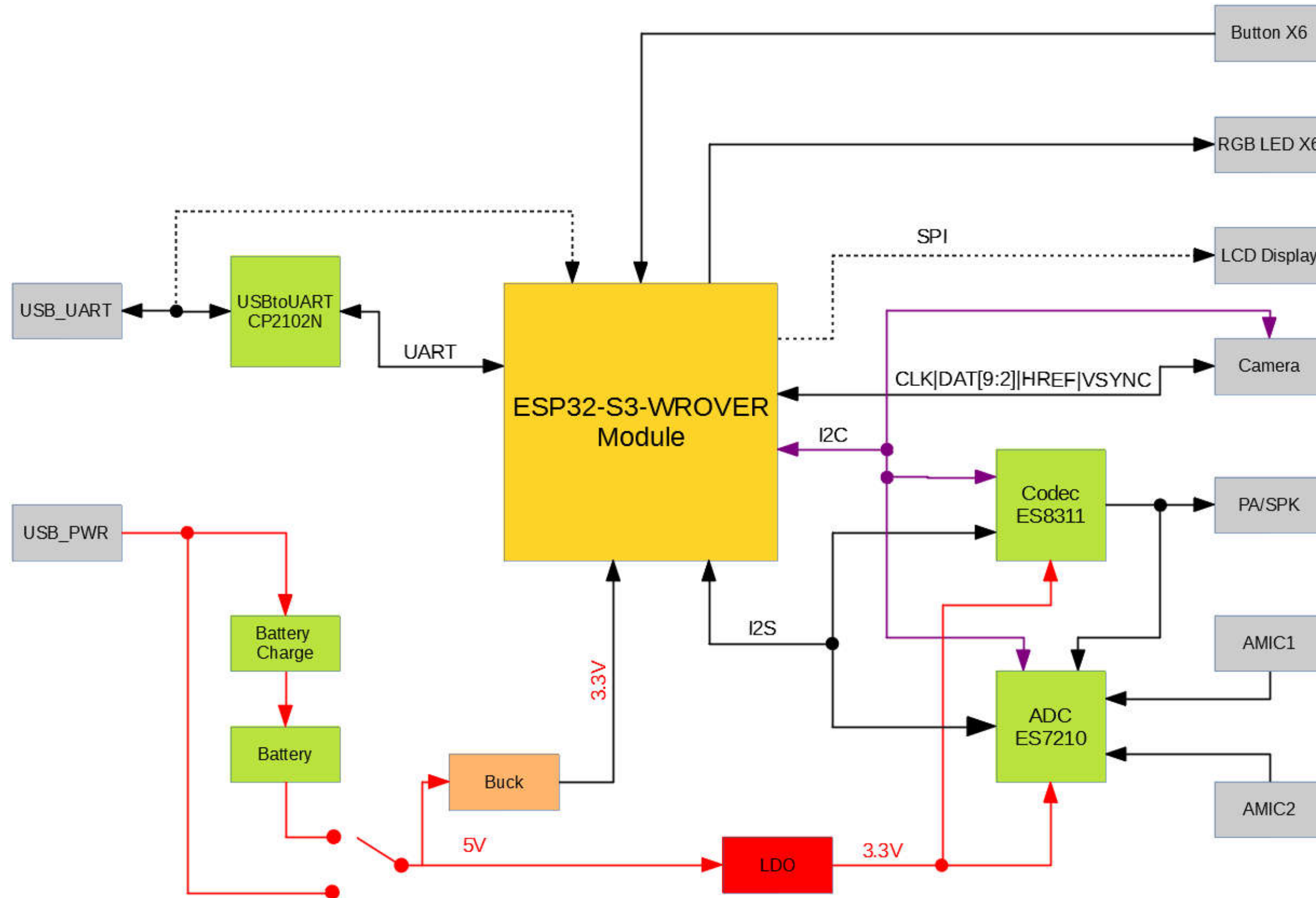
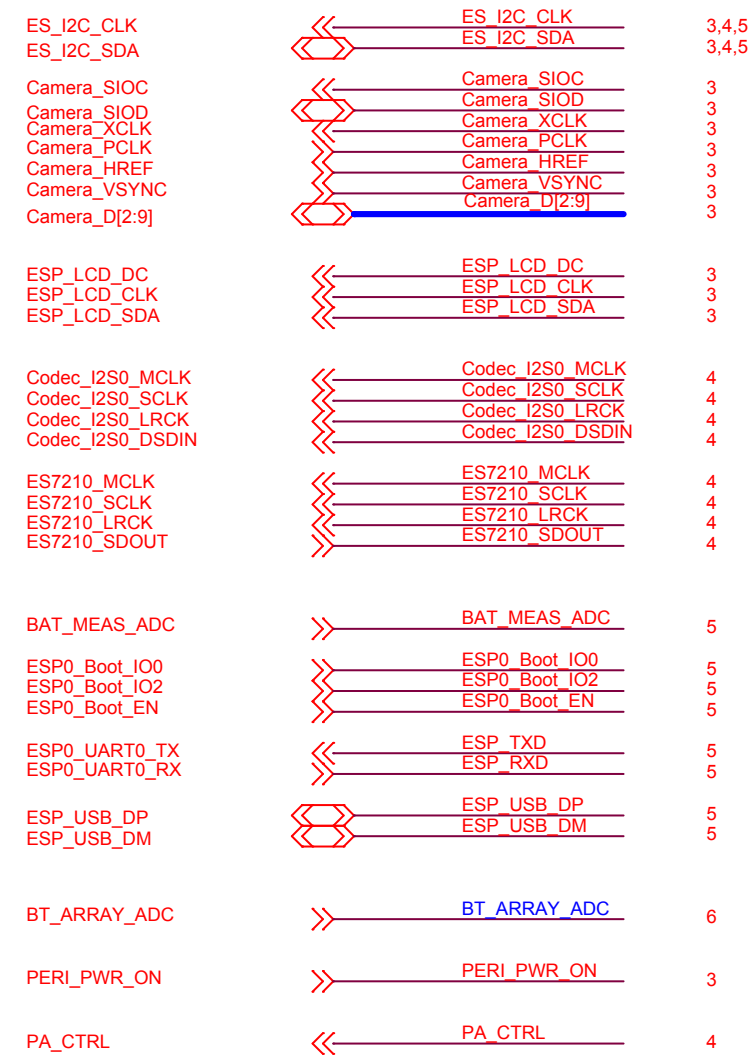
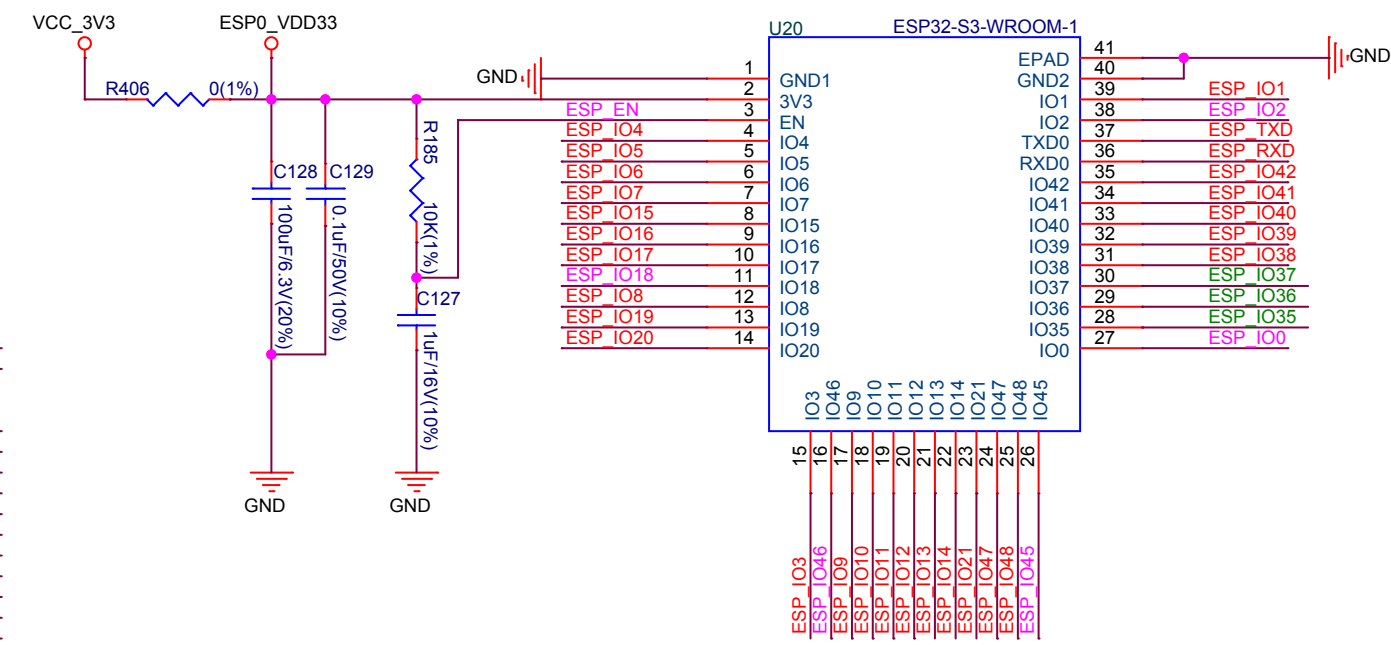


System Block:

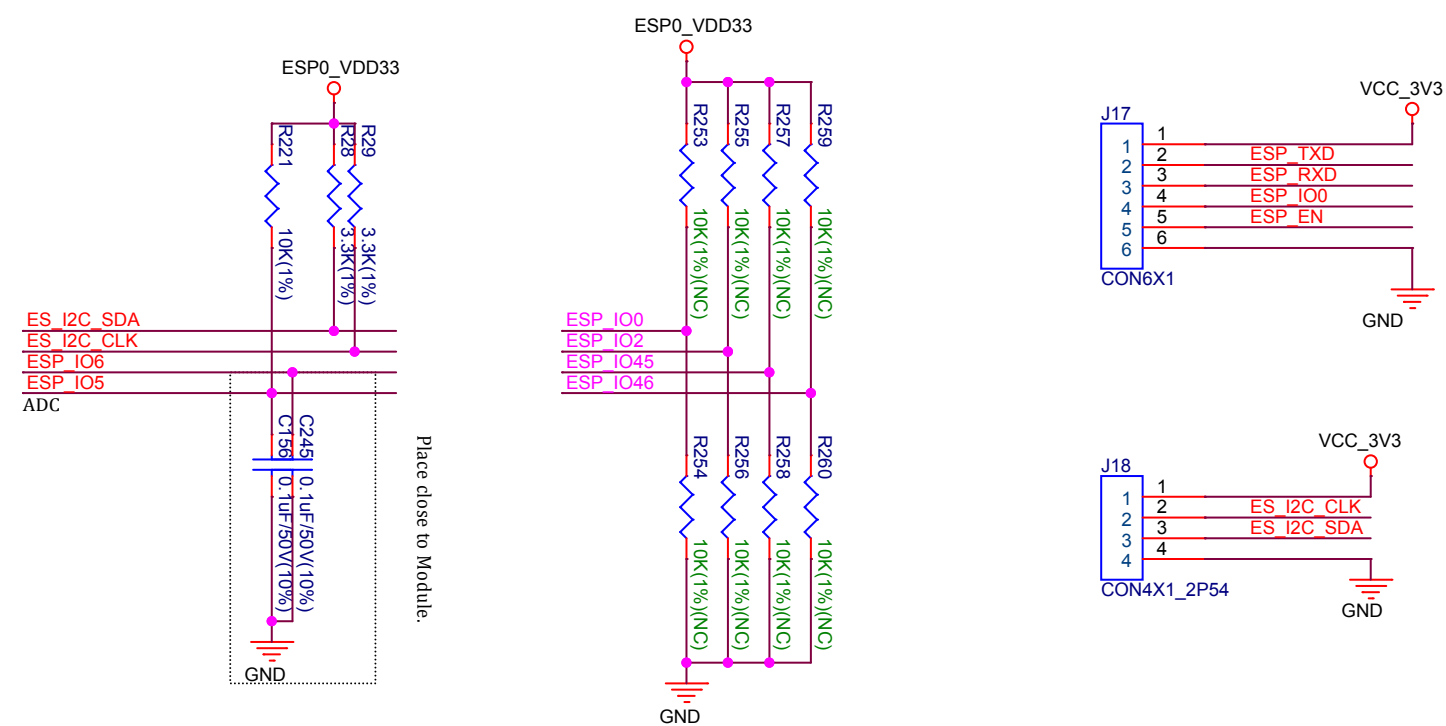
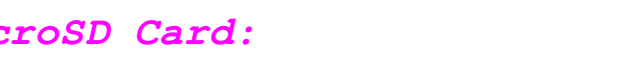
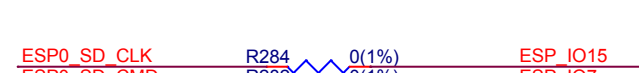
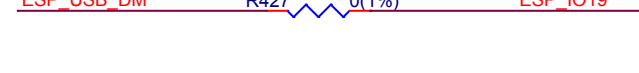
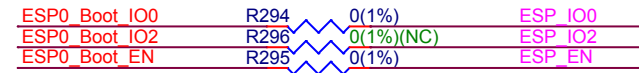
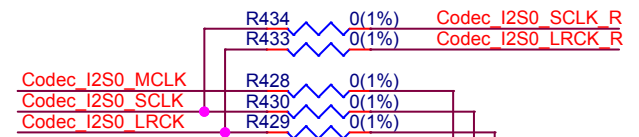
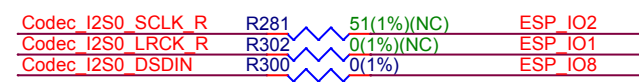
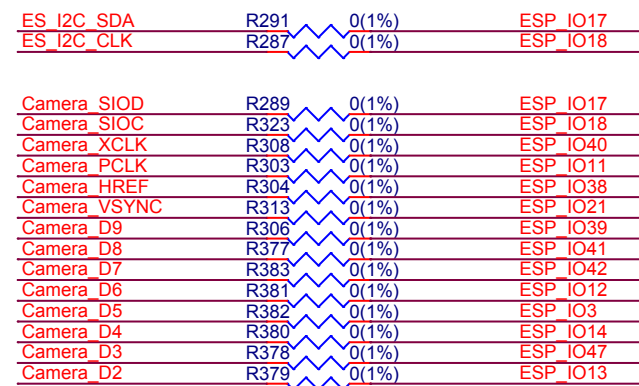




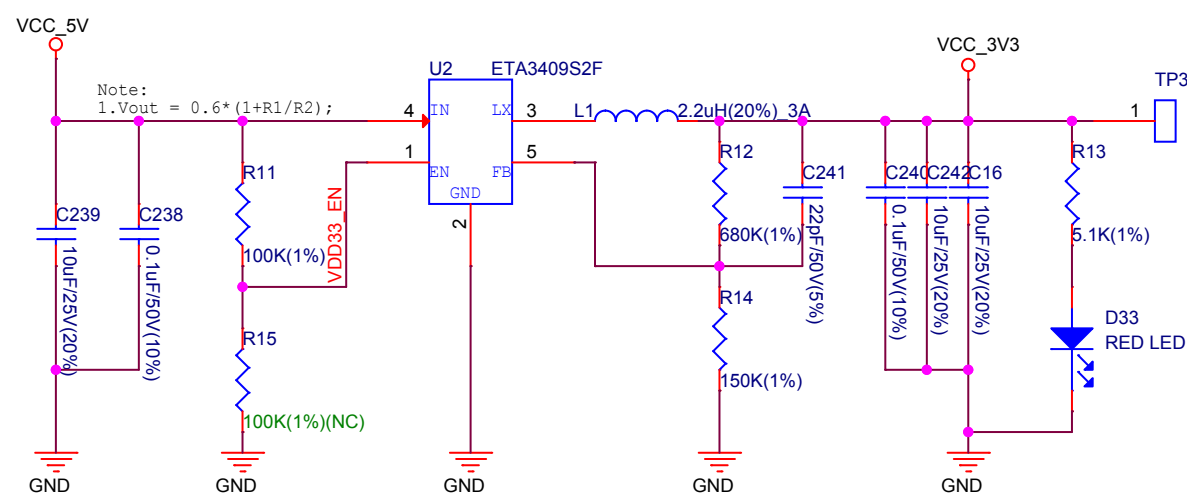
ESP32-WRVER/ESP32-724-WROVER/ESP32-S3-WROVER:



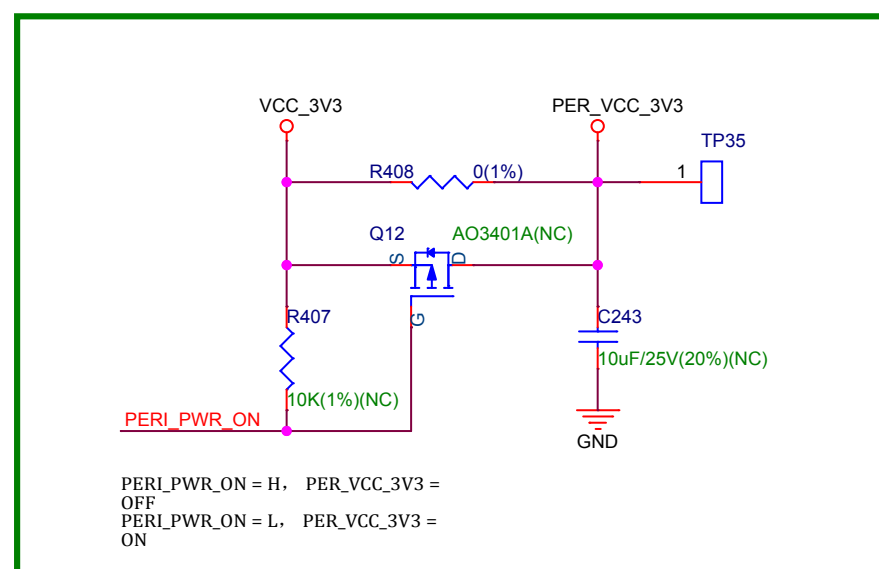
ESP Module Pin Configuration:



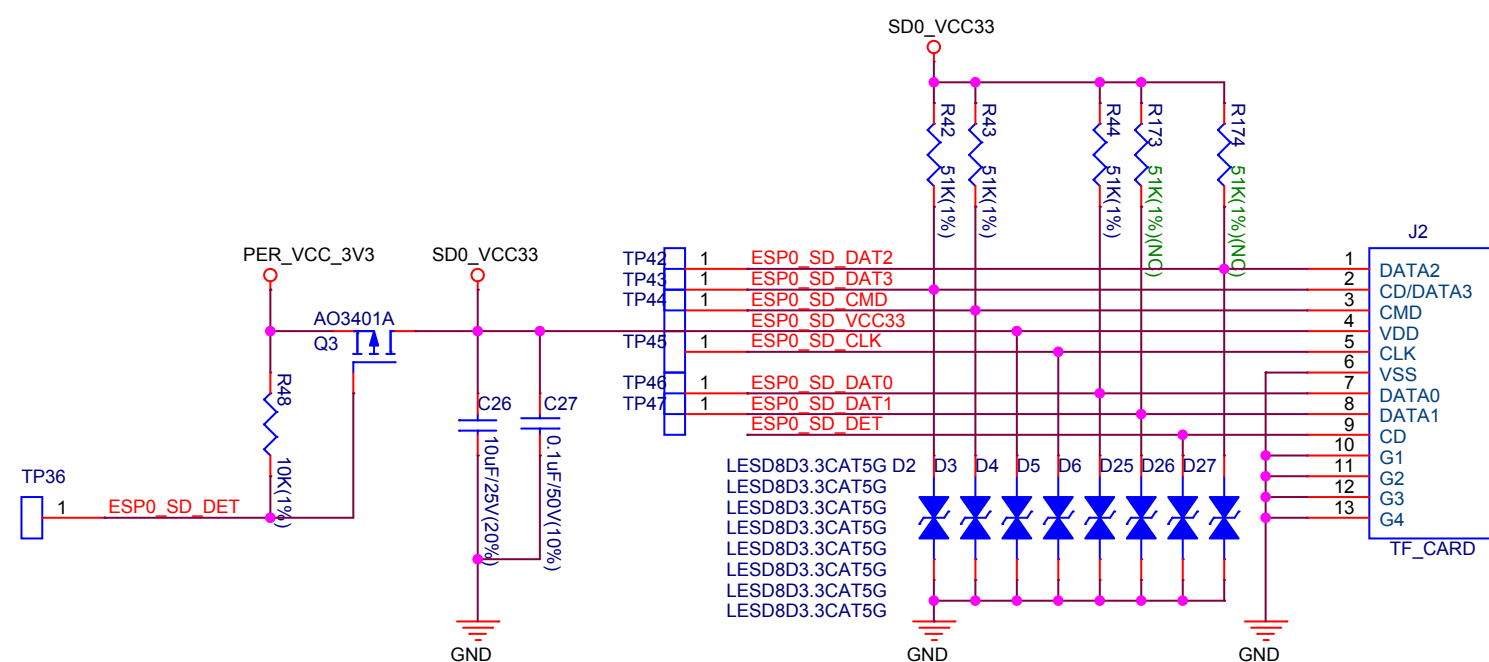
Power Regulator: 5 -> 3.3V



Peripherals Power:

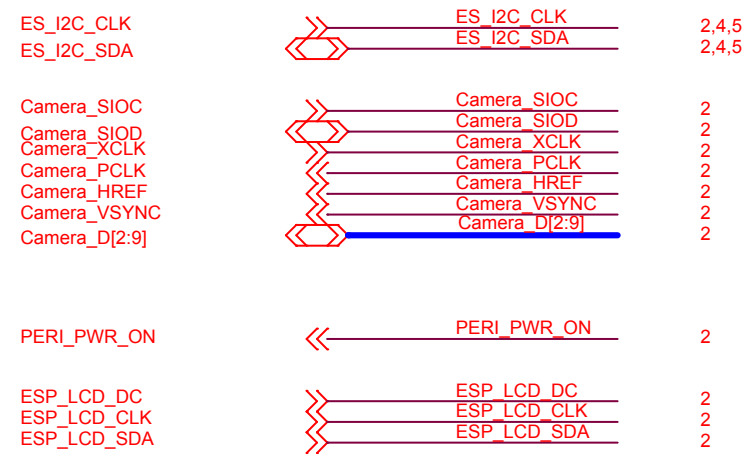


MicroSD Card:

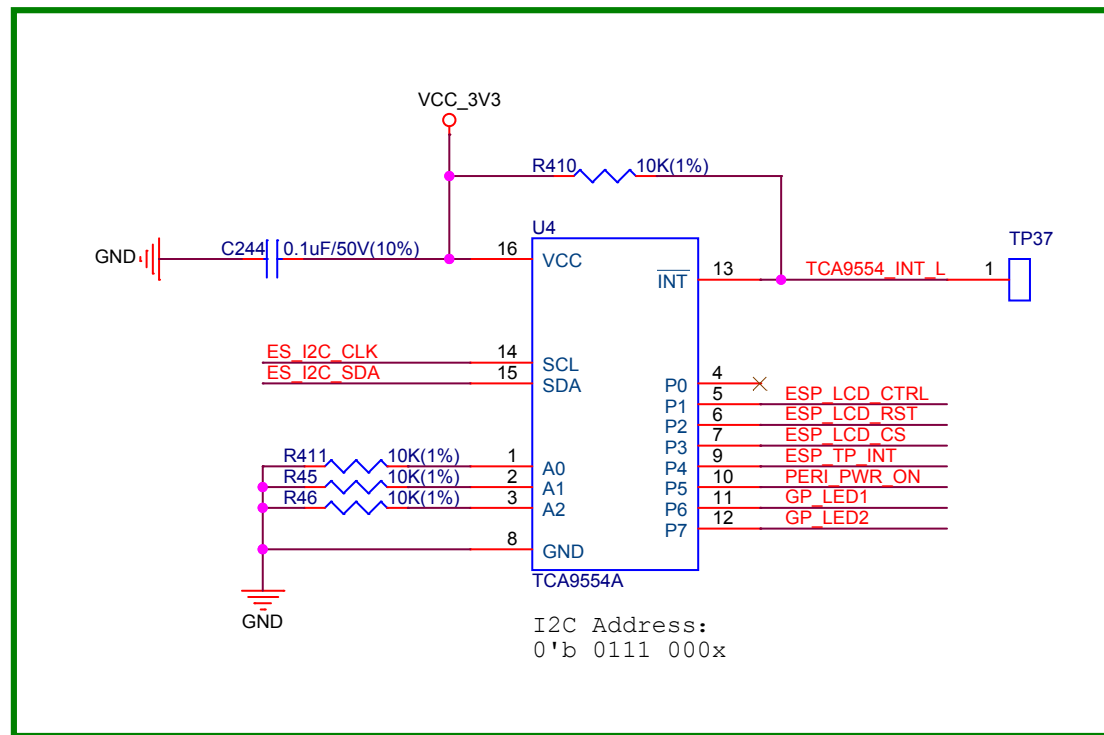


MicroSD Card SPI mode:
 1. DAT3 works as CS(chip select);
 2. CMD works as DI(Data In);
 3. CLK works as Clock;
 4. DAT0 works as DO(Data out).

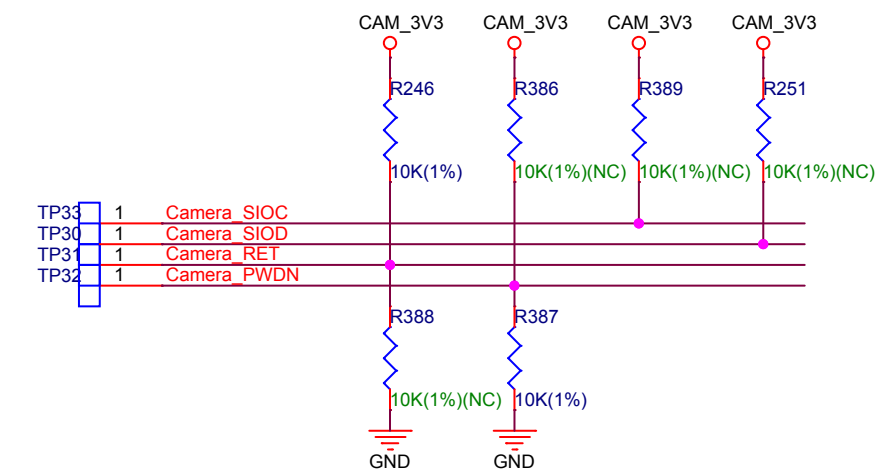
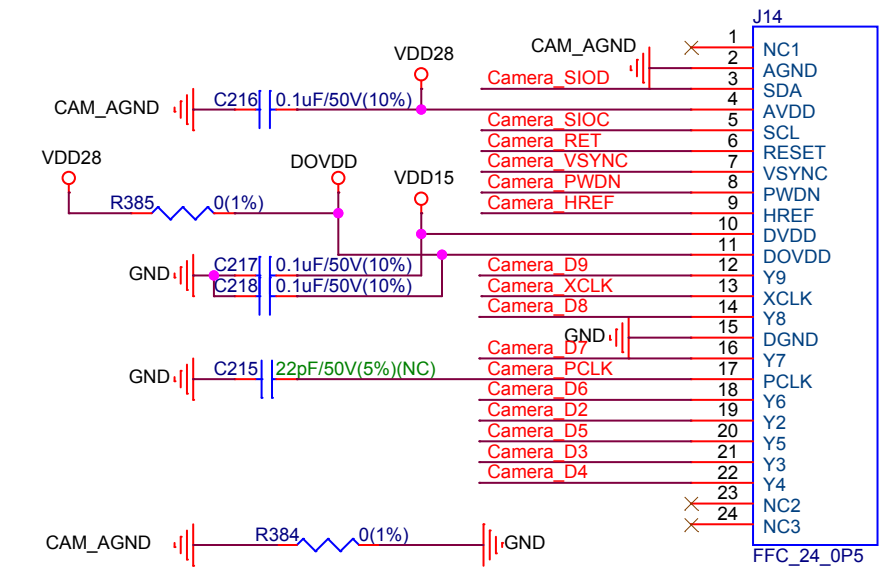
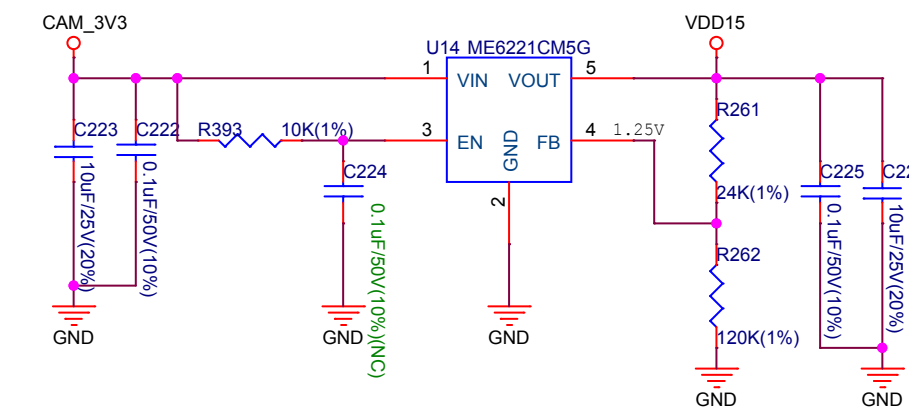
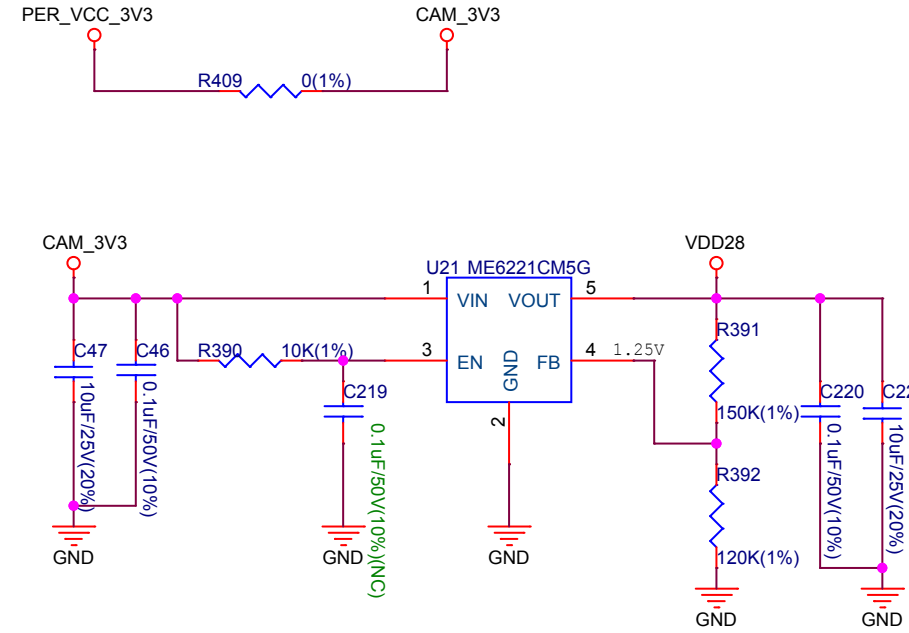
ESPRESSIF



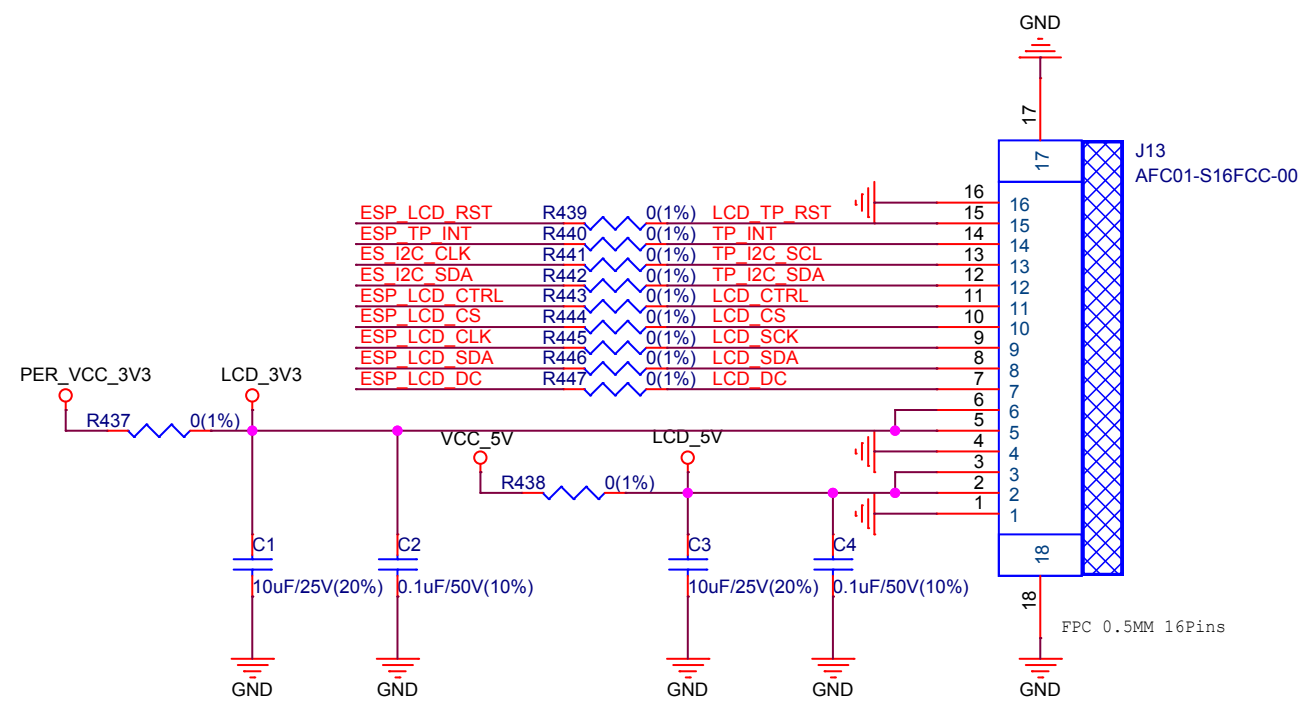
I/O Expander:



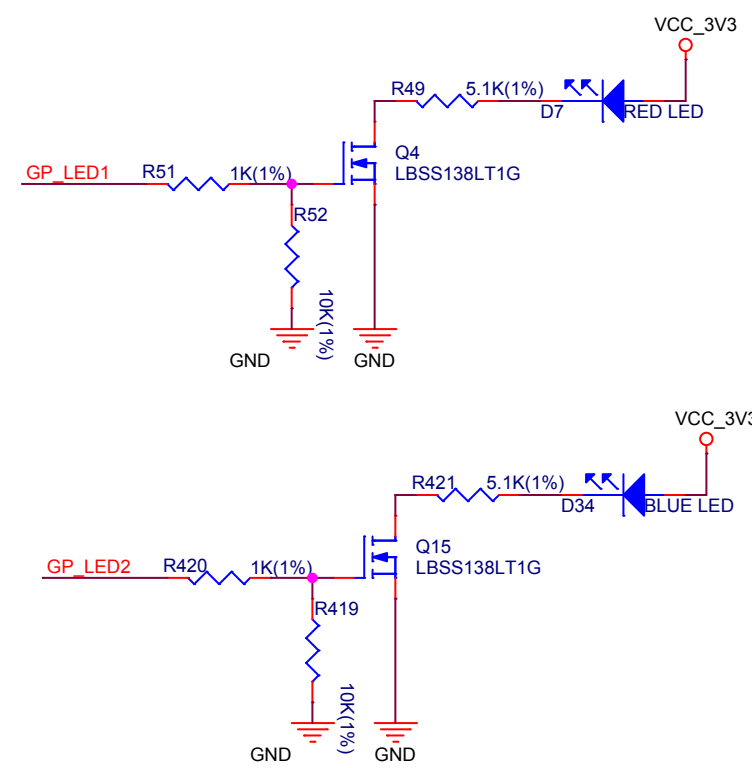
Camera:



FPC for LCD Display:

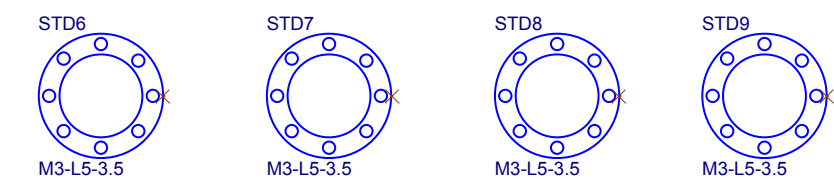


General LEDs:

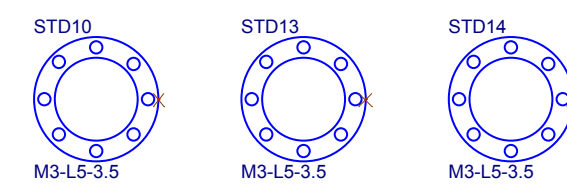


Location Holes:

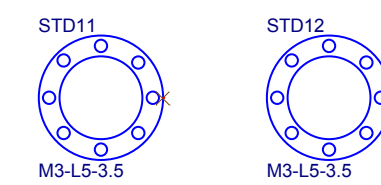
Support Board



Support LCD



Support Camera.



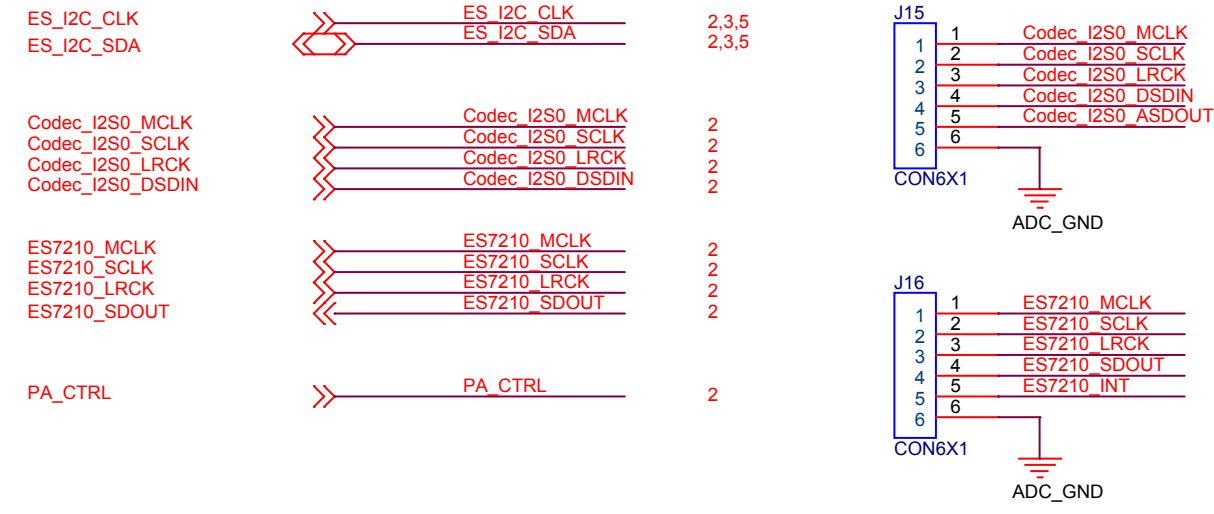
ESPRESSIF

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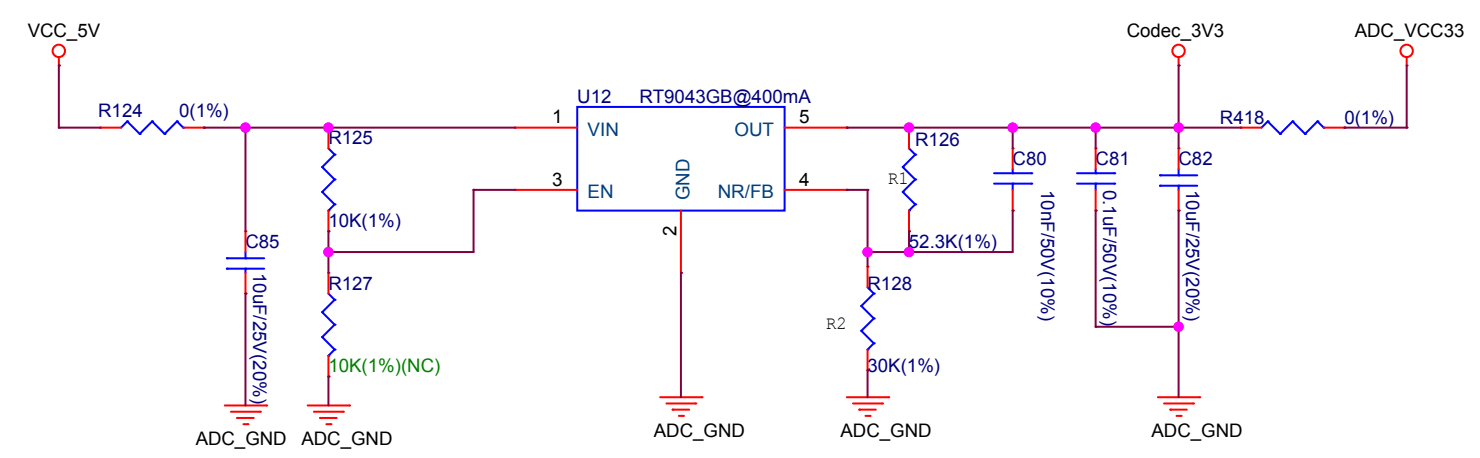
Title: ESP32-S3-Korvo-2

Size: Document Number
C: 03_CAM_LCD Rev: 3.1.2

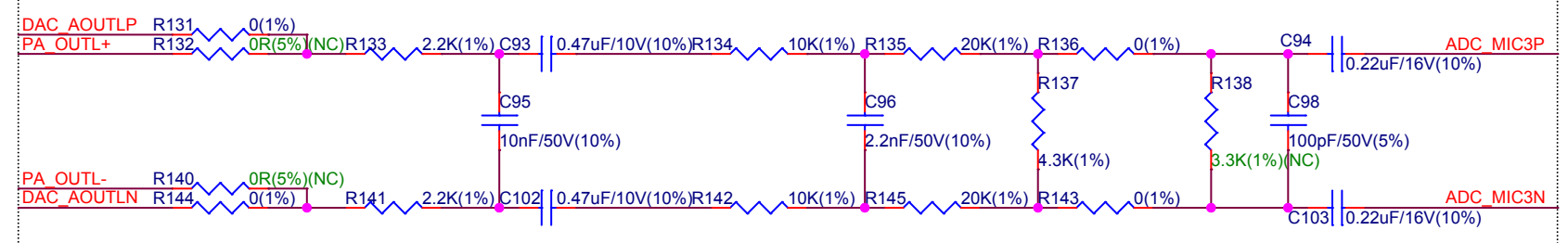
Date: Tuesday, January 16, 2024 Sheet 3 of 6



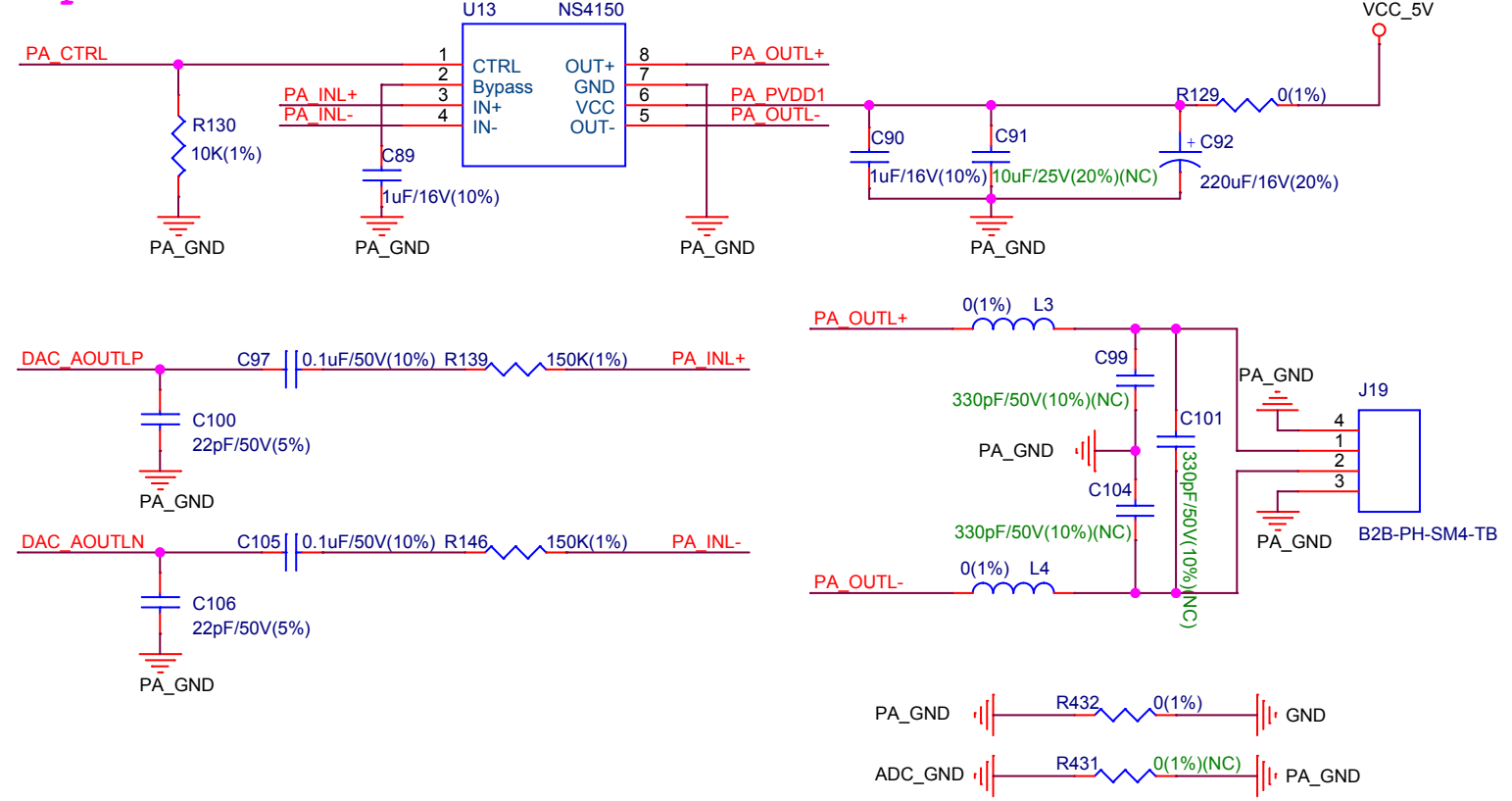
Power for Codec:



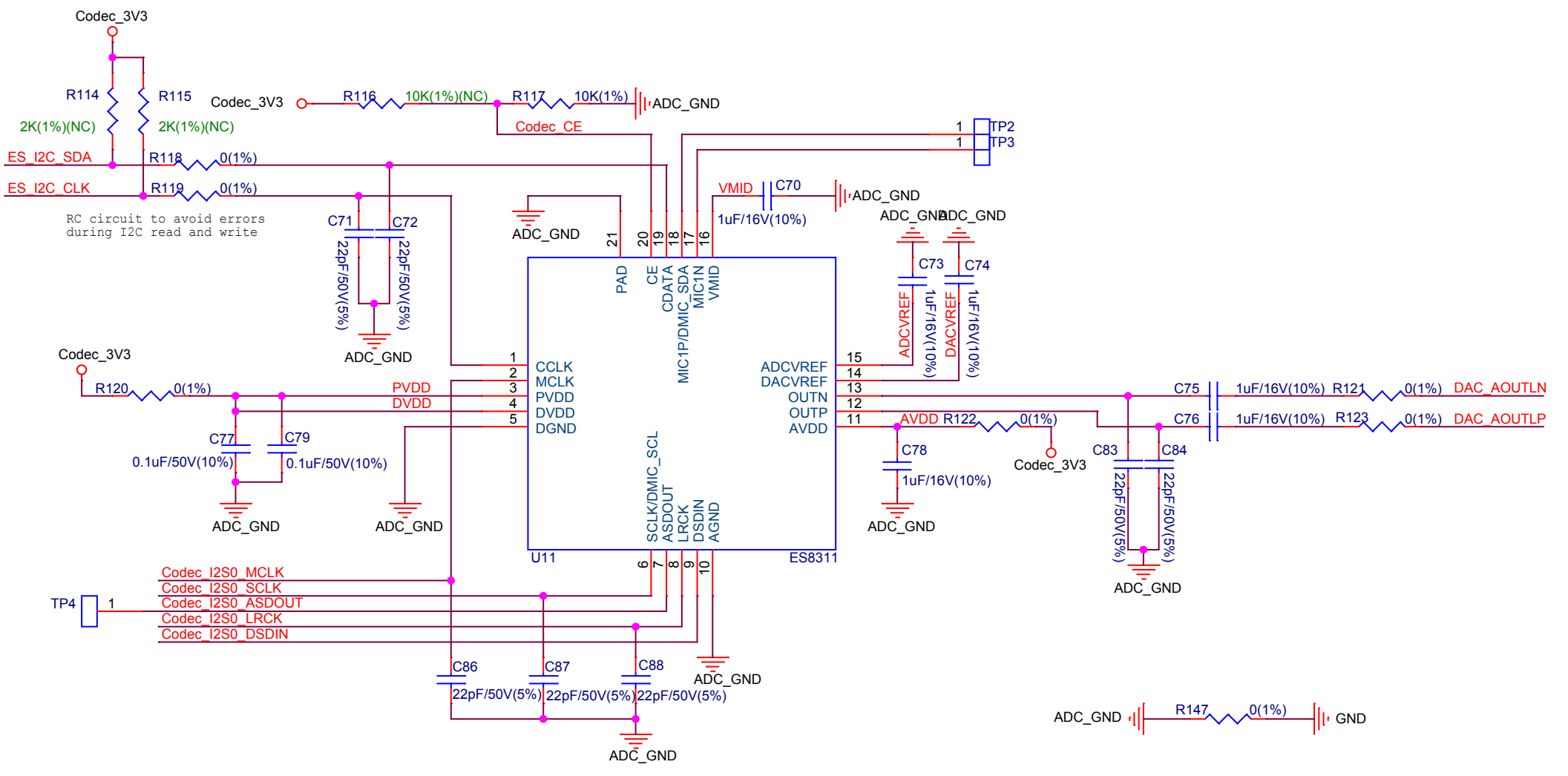
AEC:



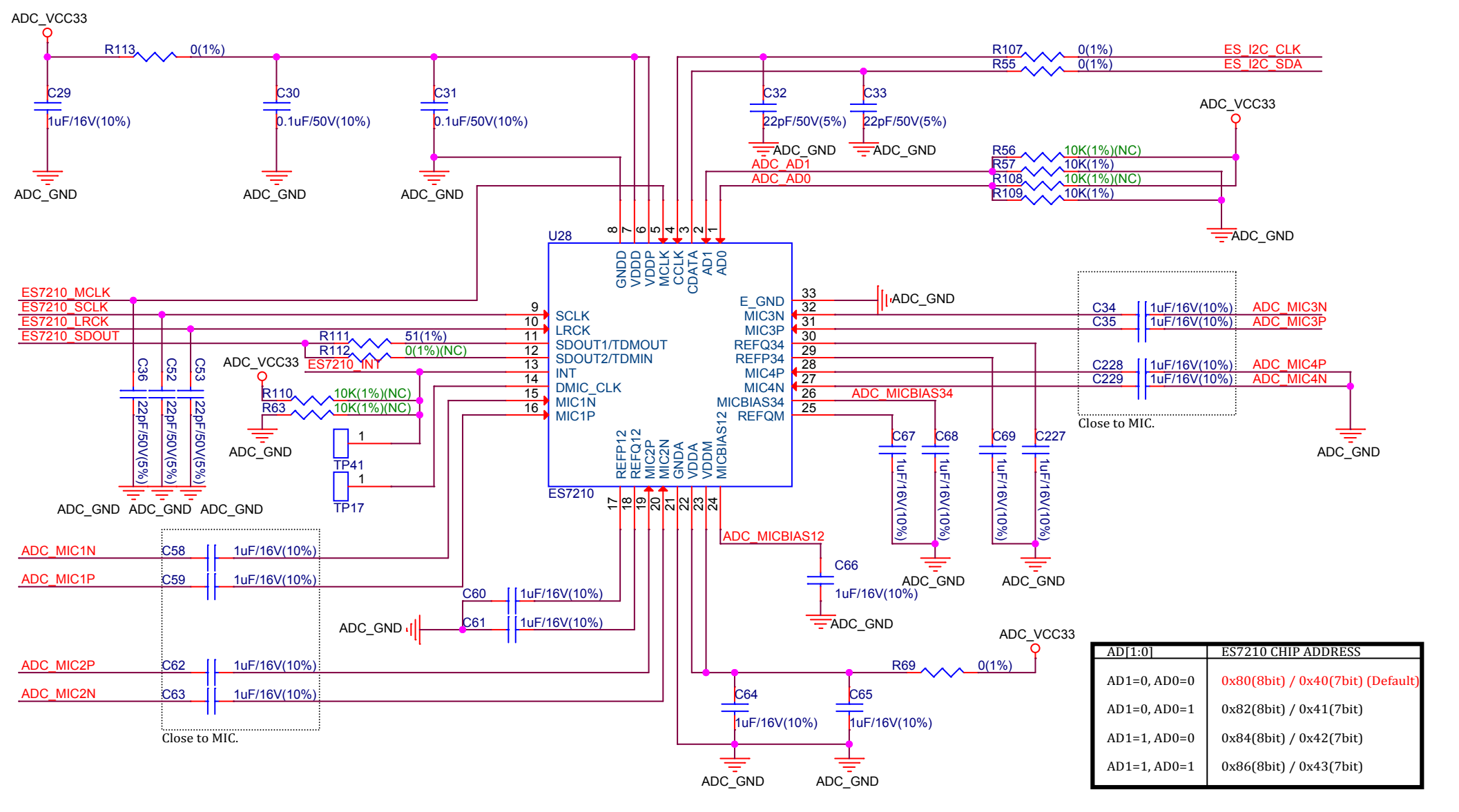
PA & Speaker:



Codec:

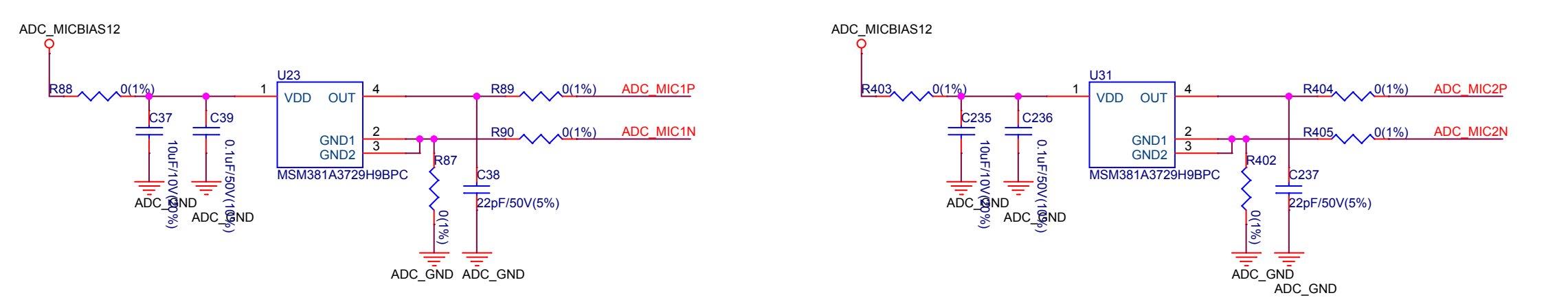


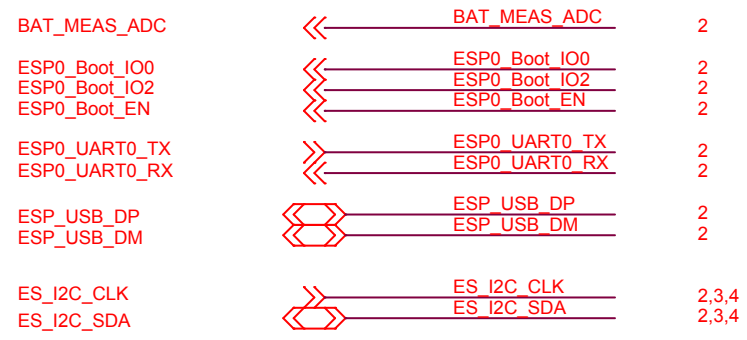
ADC:



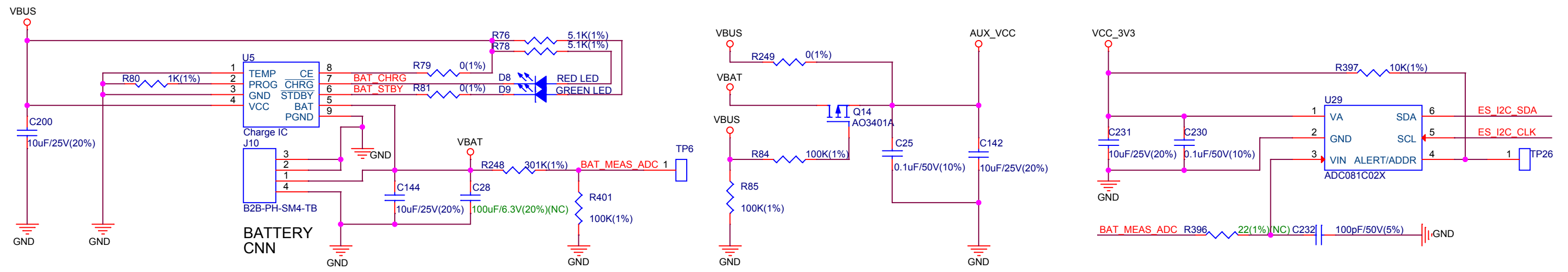
AD1:0	ES7210 CHIP ADDRESS
AD1=0, AD0=0	0x80(8bit) / 0x40(7bit) (Default)
AD1=0, AD0=1	0x82(8bit) / 0x41(7bit)
AD1=1, AD0=0	0x84(8bit) / 0x42(7bit)
AD1=1, AD0=1	0x86(8bit) / 0x43(7bit)

AMICx2:



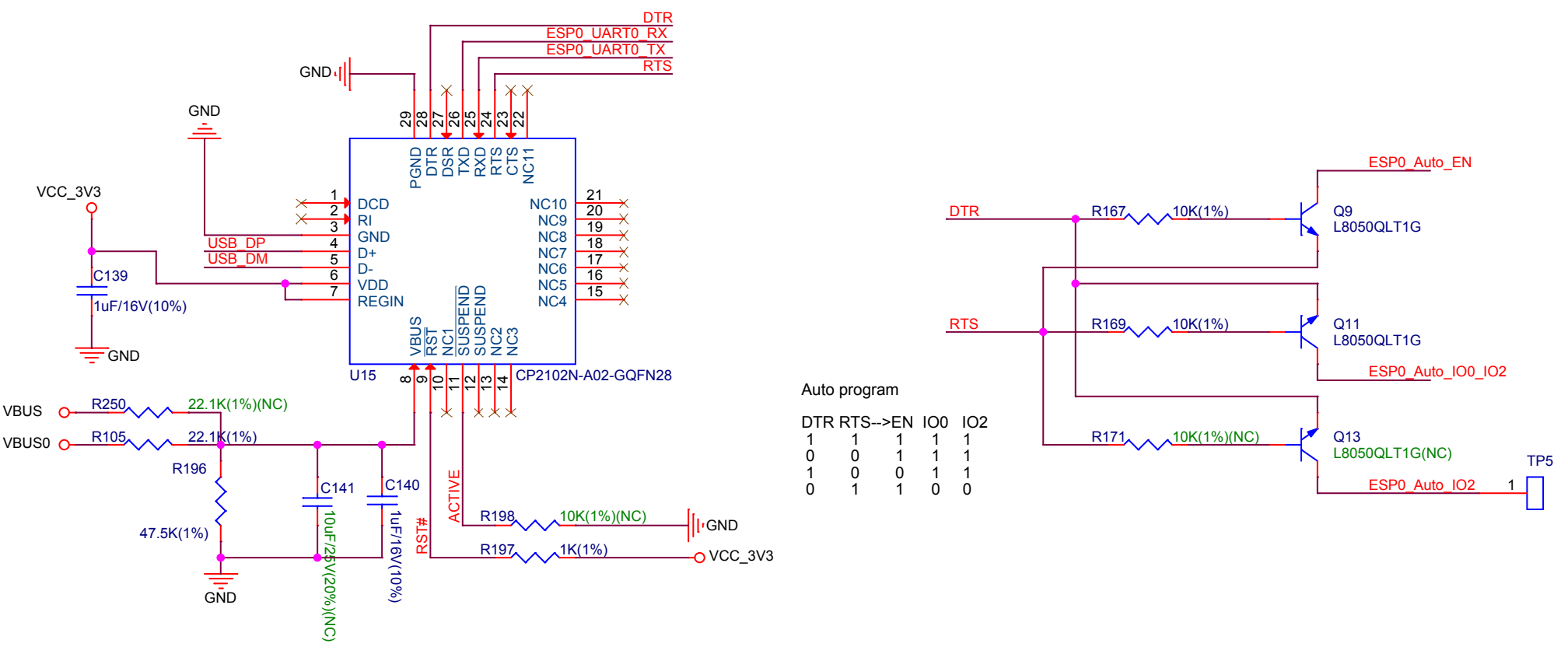
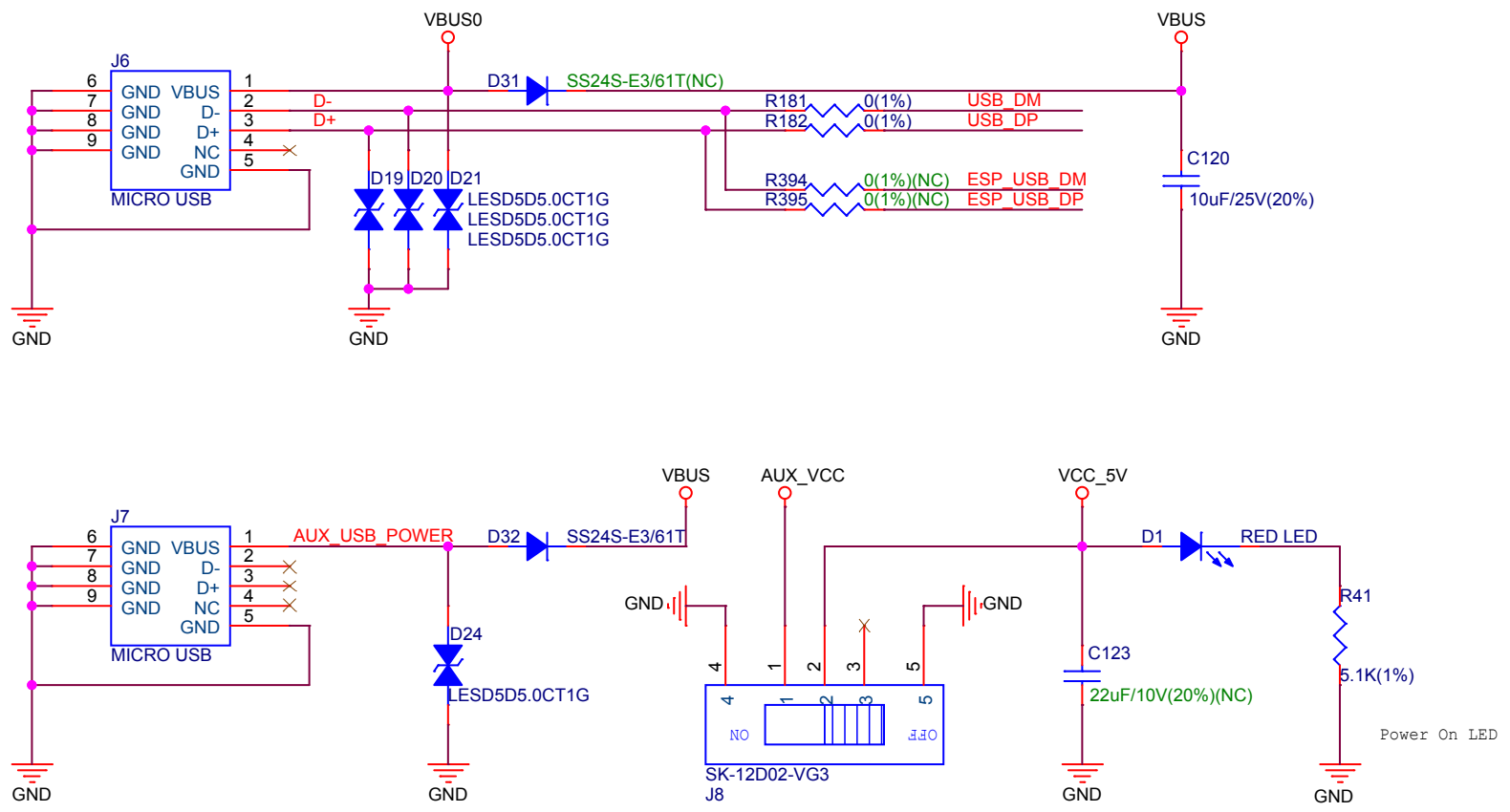


BATTERY:

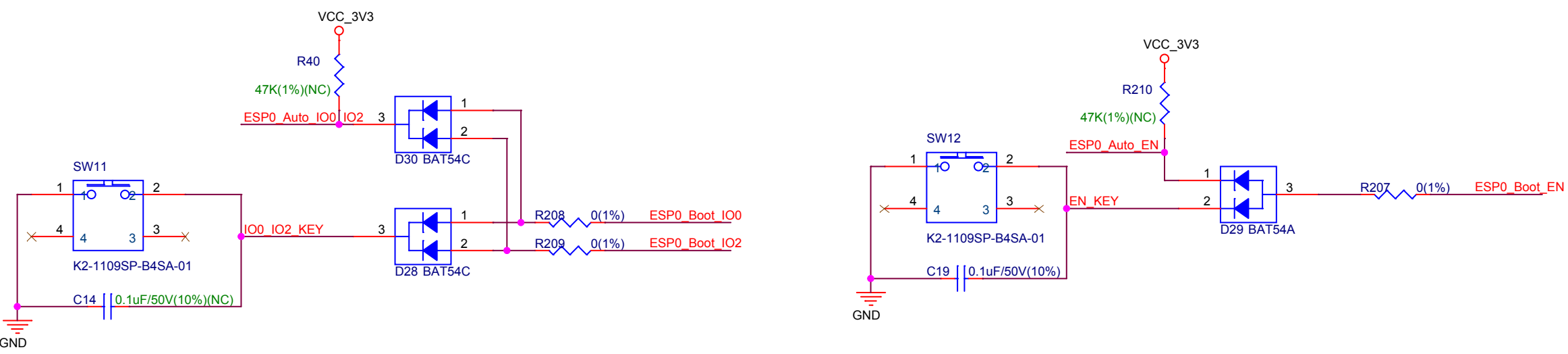


Power IN:

UART:



Reset & Download & Button:



BT_ARRAY_ADC ← BT_ARRAY_ADC 2

Button Array:

