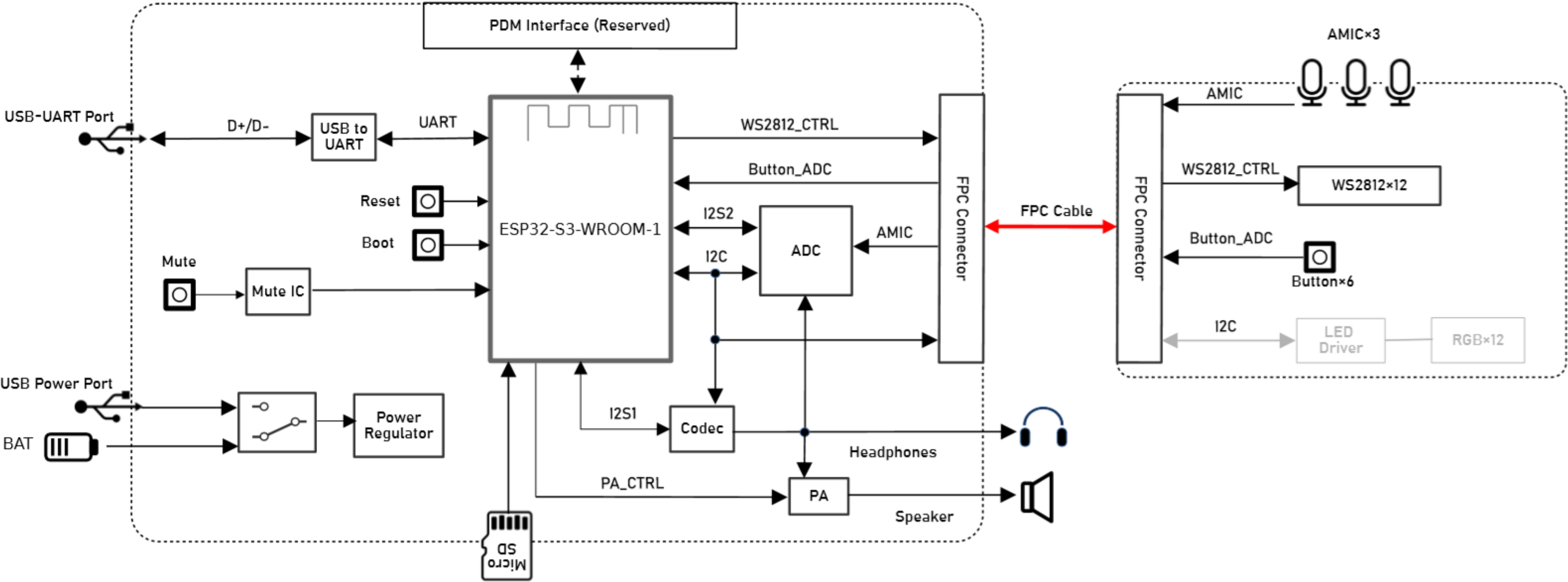
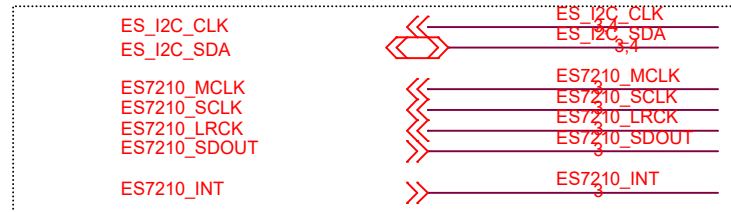


System Block:



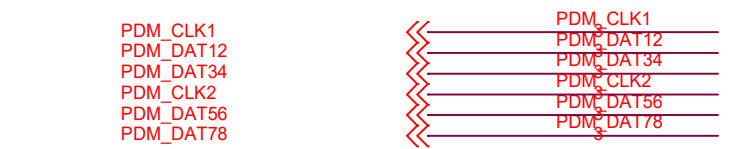
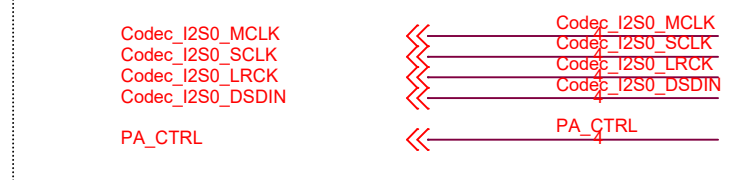
## To ADC



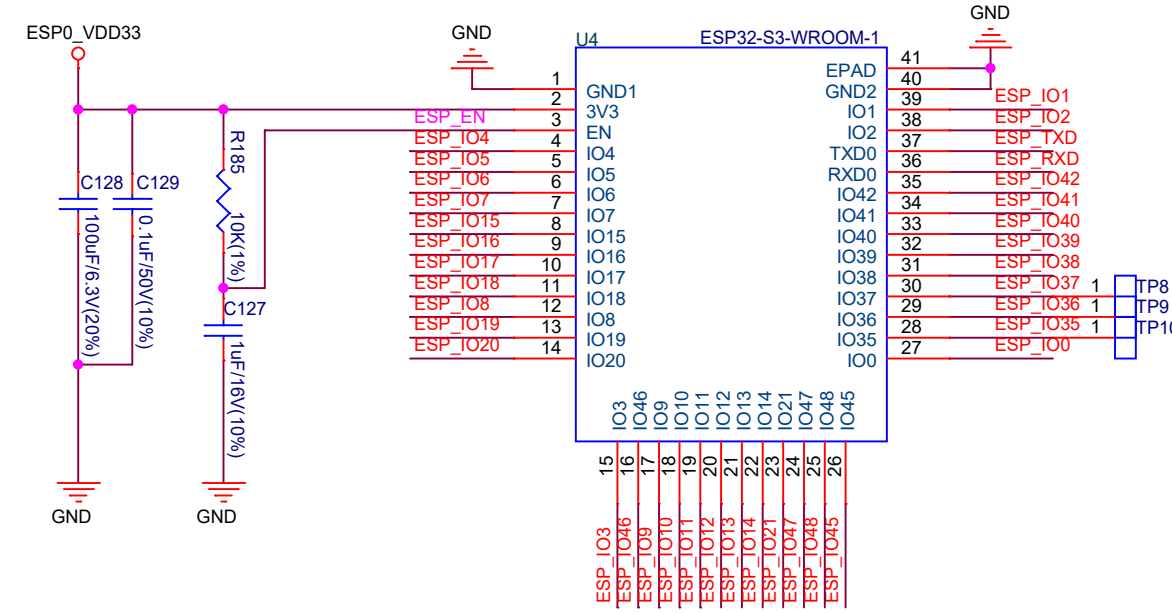
## To Codec



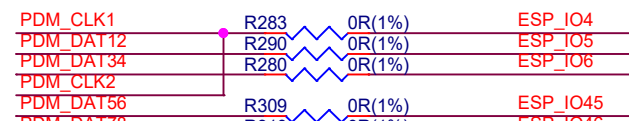
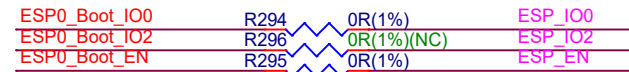
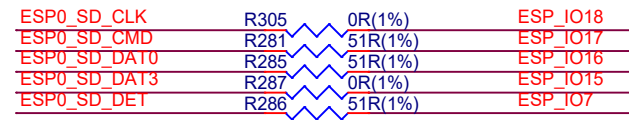
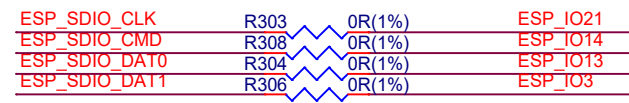
## UART & Download



## ESP32-S3 Module:



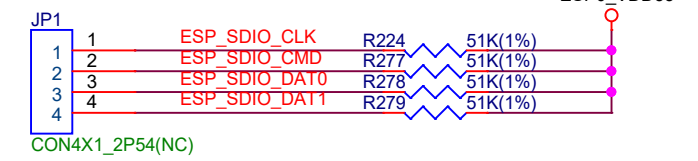
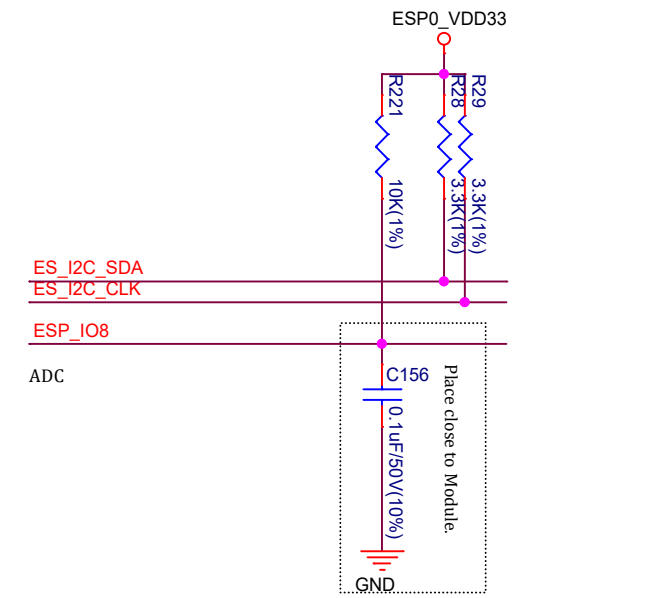
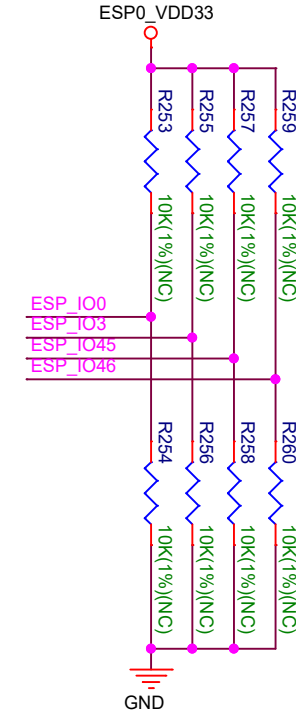
### ESP0 Pin Configuration:



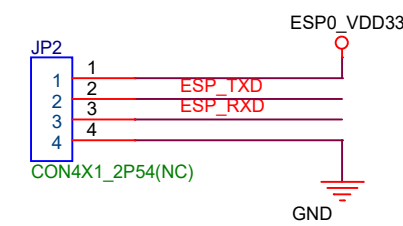
Connect between ESPs  
1bit mode

ESP to MicroSD Card  
SPI Mode

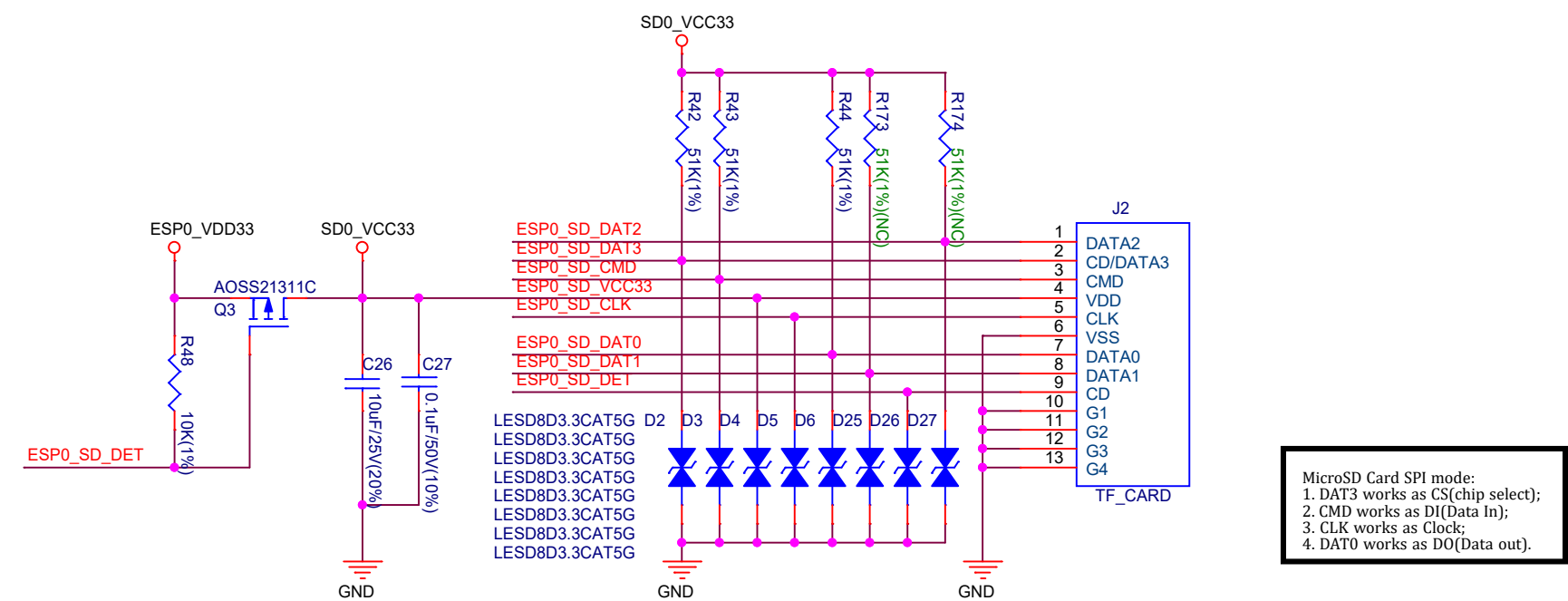
## Strapping Pins



Notes:  
1. Reserved SDIO 1-bit for communicating with another esp system.

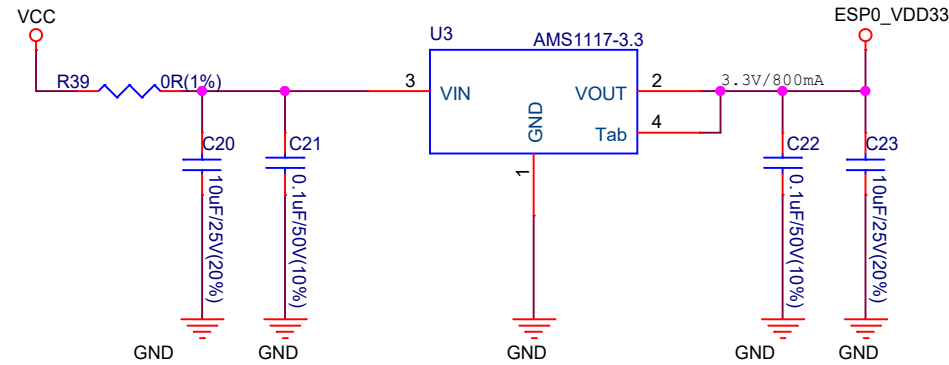


## ESP32 Module:

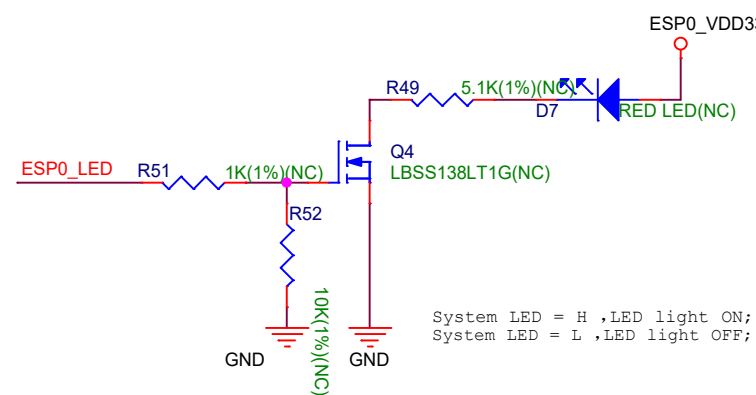


MicroSD Card SPI mode:  
1. DAT3 works as CS(chip select);  
2. CMD works as DI(Data In);  
3. CLK works as Clock;  
4. DAT0 works as DO(Data Out).

## +5V -> 3.3V:



## LED Indication:



## ESPRESSIF

乐鑫信息科技(上海)股份有限公司

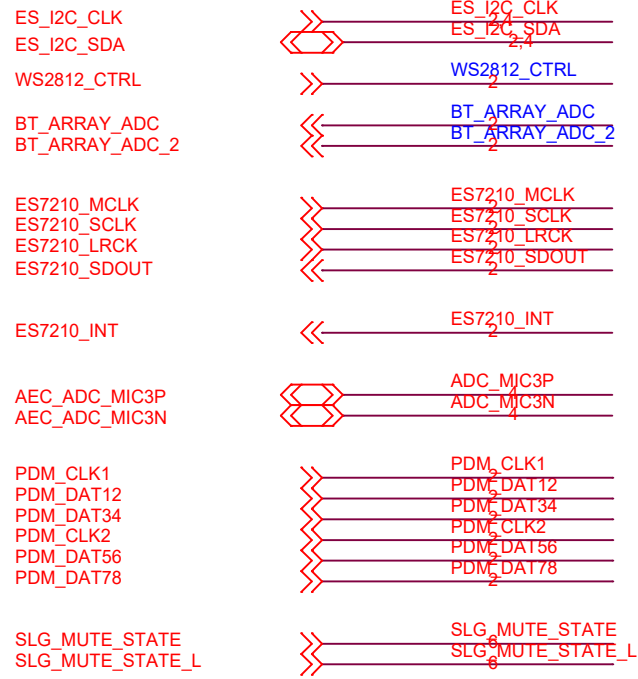
Title  
ESP32-S3-Korvo-1

Size Document Number  
C <02\_ESP0>

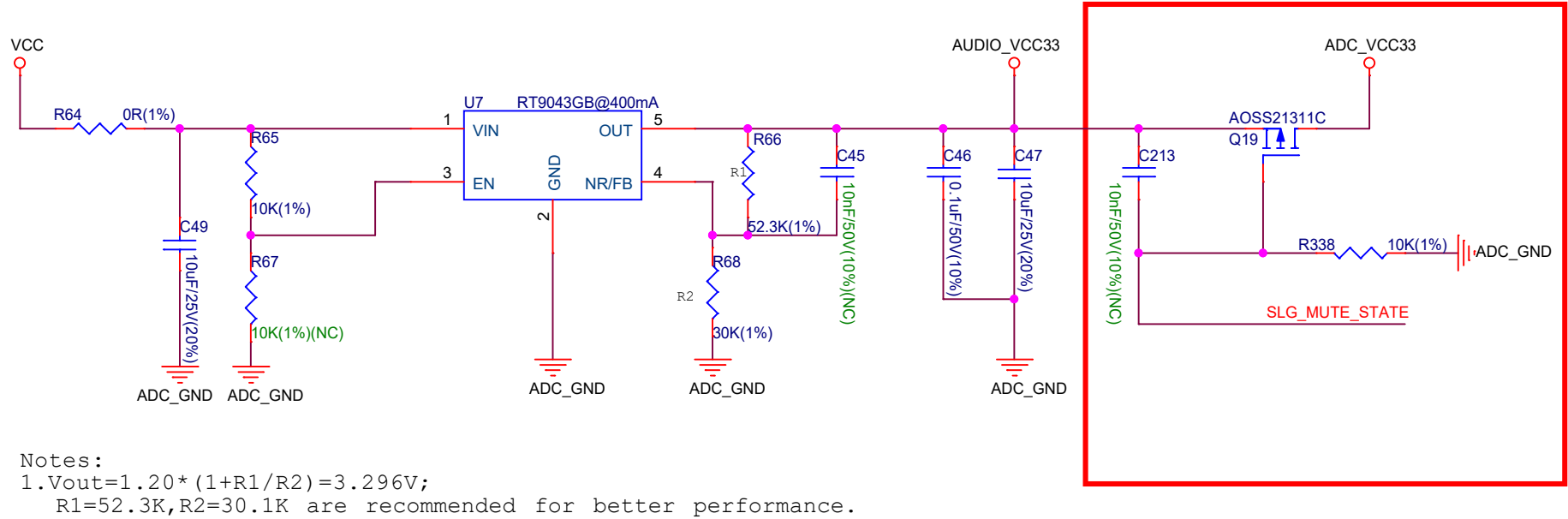
Date: Wednesday, December 01, 2021

Sheet 2 of 6

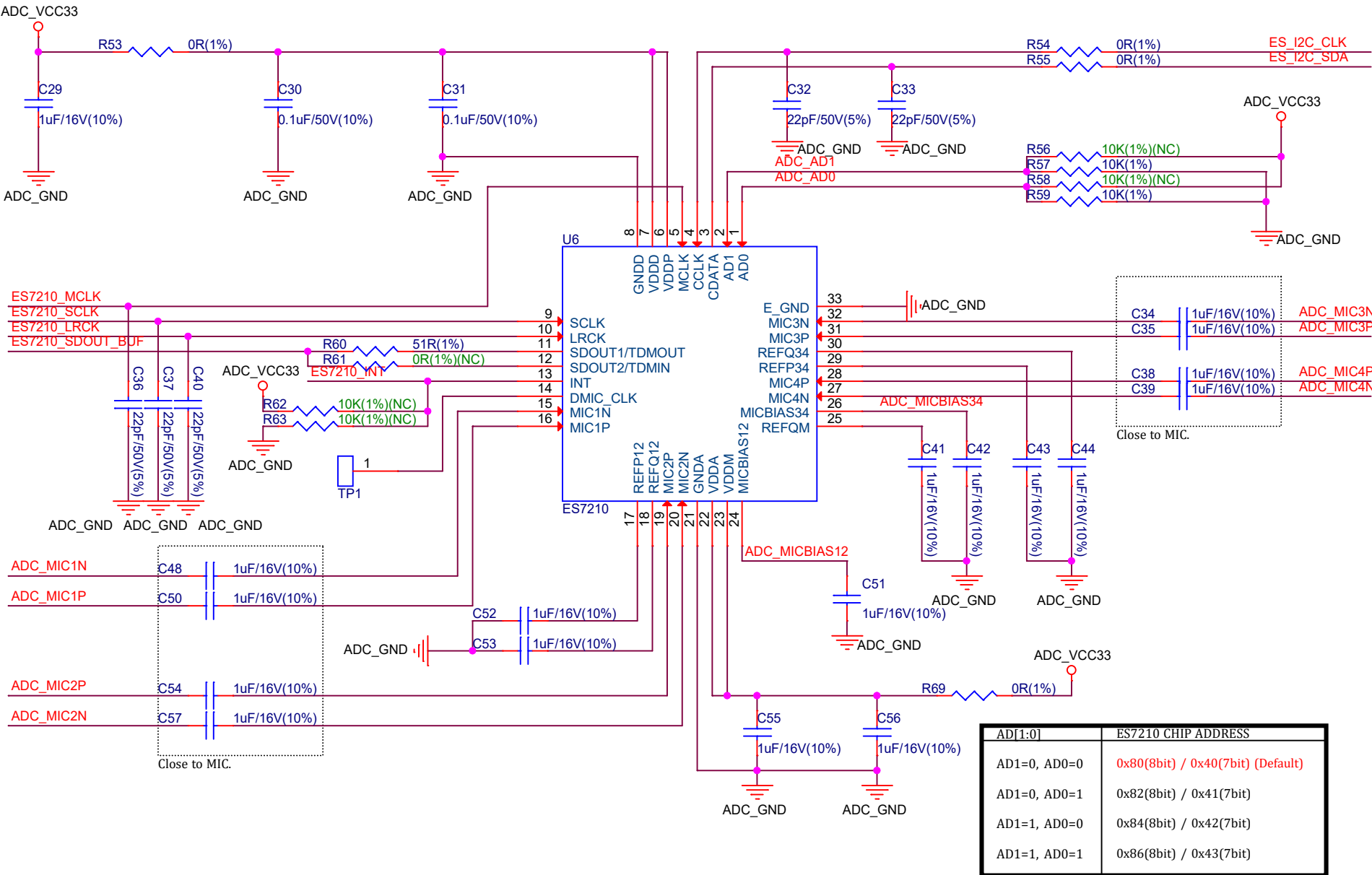
Rev  
V6



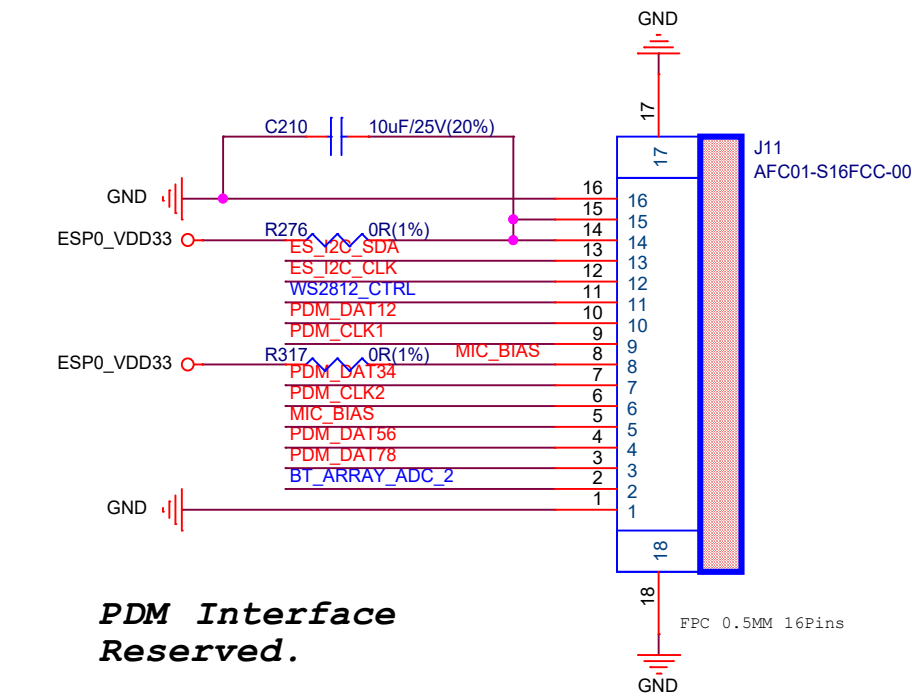
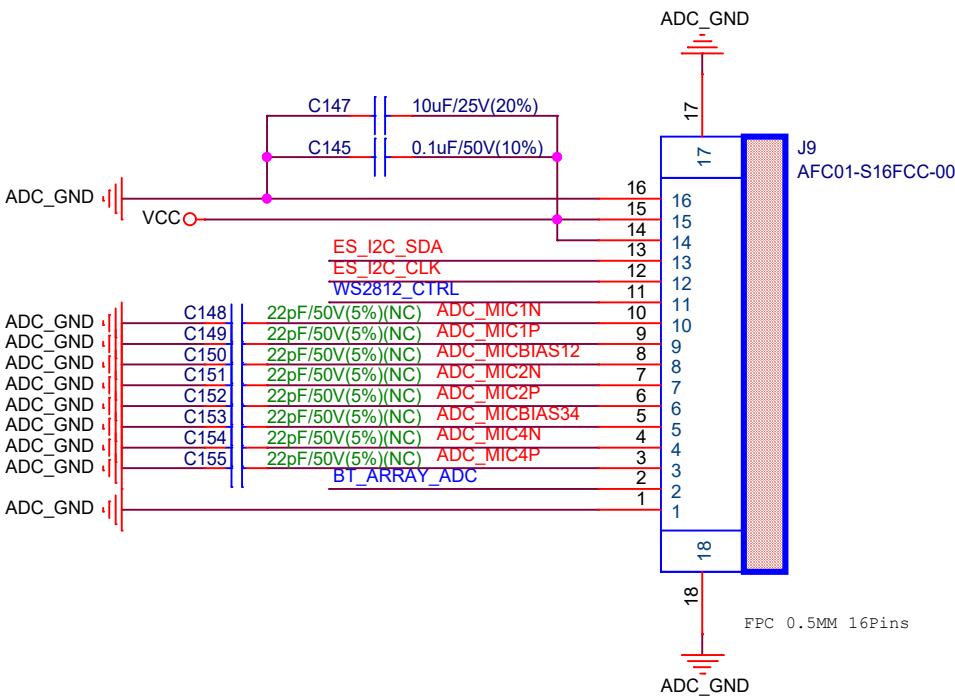
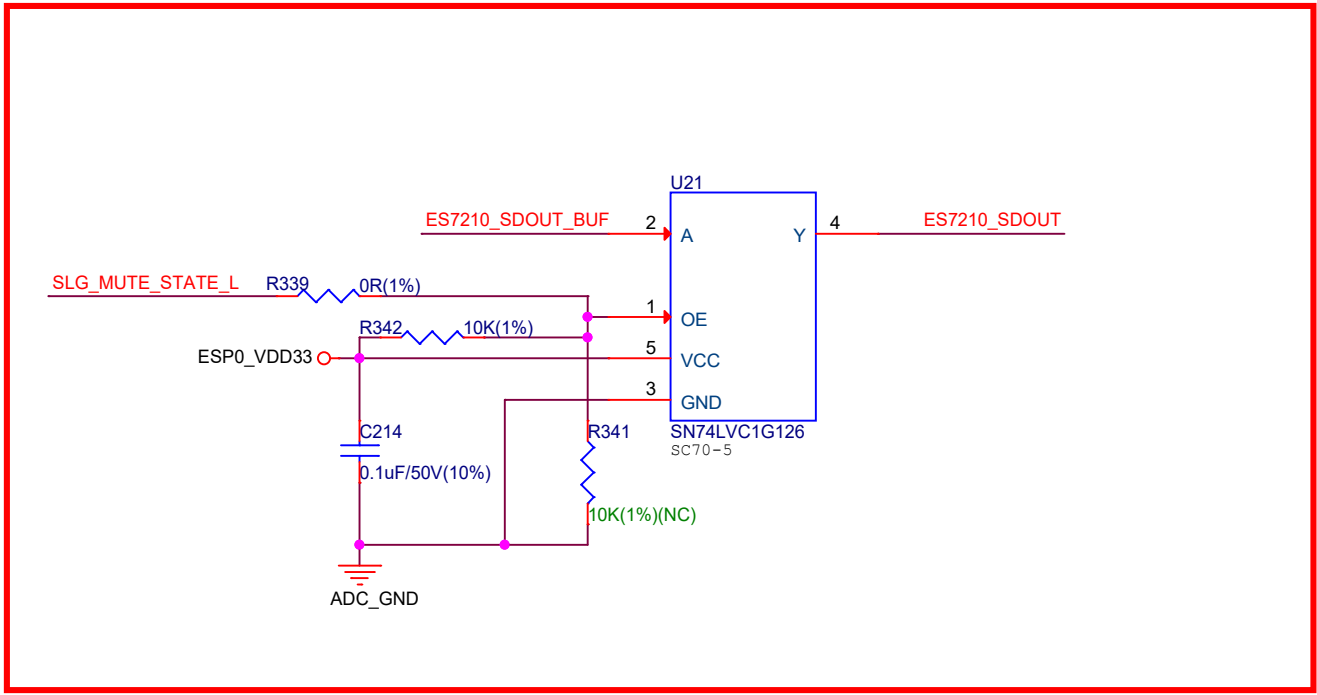
Power for ADC:



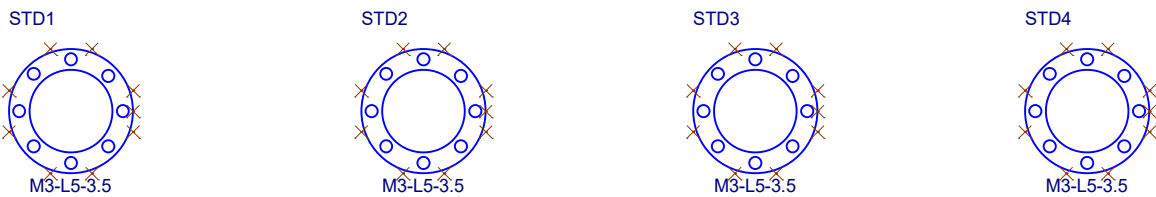
ADC:



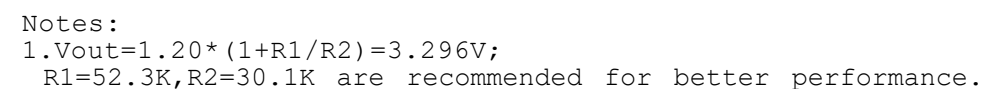
Power for ADC:



Location Holes:



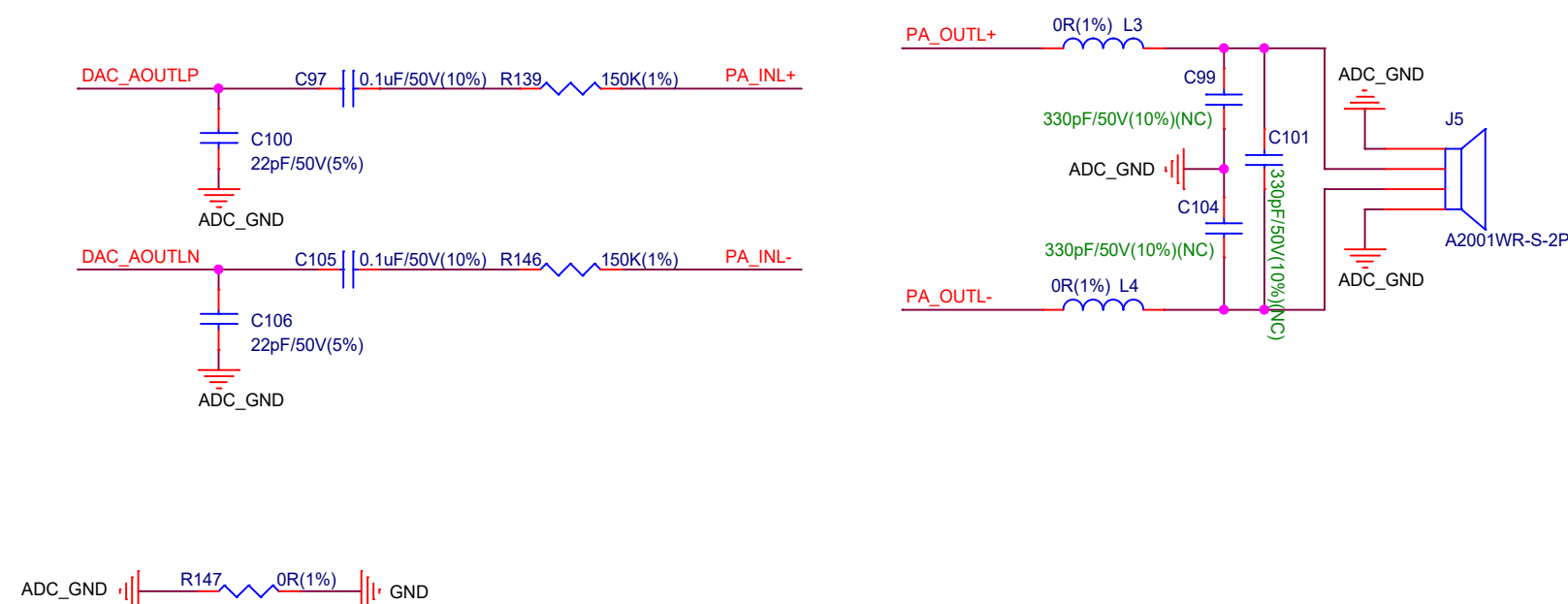




Notes:

1. When EarPhone NO plug in, EarPhone\_Detect keep low, thus Q16 off, and then B=H, AND\_PA\_CTRL will follow the status of PA\_CTRL ;
2. When EarPhone plug in, EarPhone\_Detect Switch to high, thus Q16 ON, and then B=L, AND\_PA\_CTRL will keep low ;

Place under PJ-393-A.



V6

