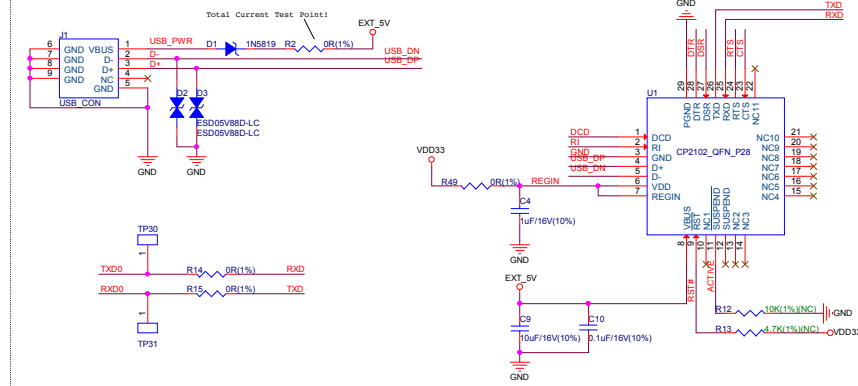
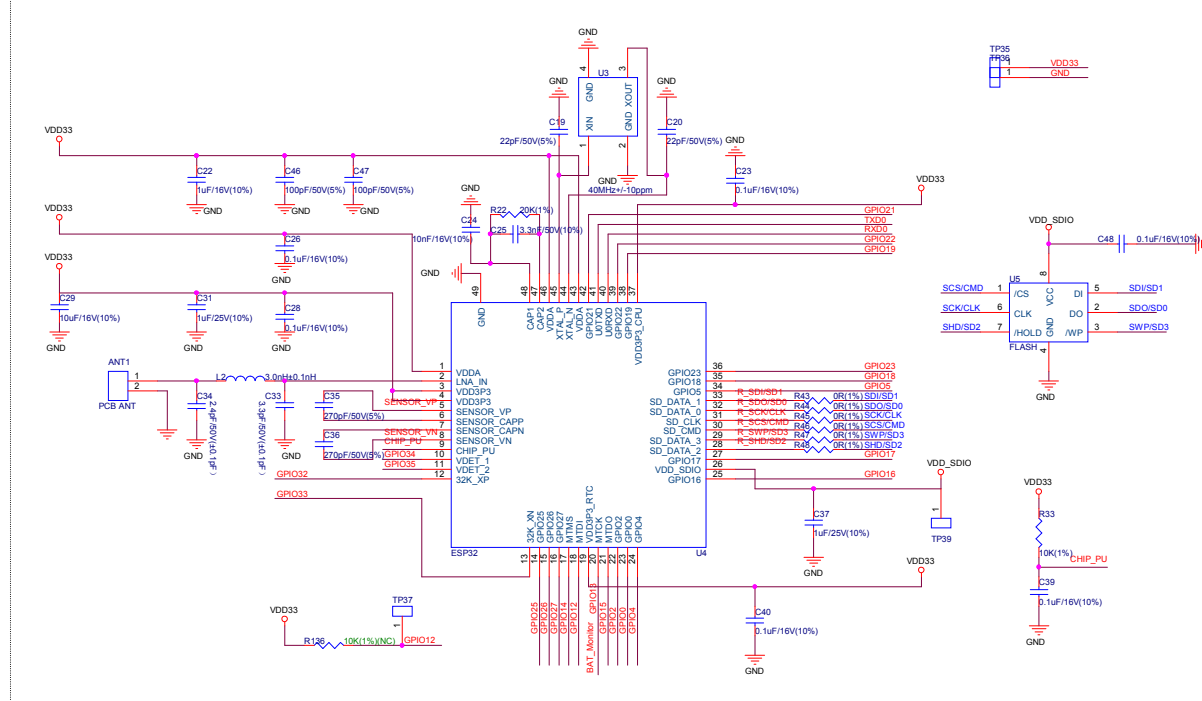


2 I2C0_SCL << GPIO21
 2 I2C0_SDA << GPIO22
 2 HTS_DRDY << GPIO26
 2 APDS_INT << GPIO23
 2 Power_ON << GPIO19
 2 GPIO23 << GPIO23
 2 GPIO18 << GPIO18
 2 GPIO5 << GPIO5
 2 GPIO4 << GPIO4
 2 GPIO17 << GPIO17

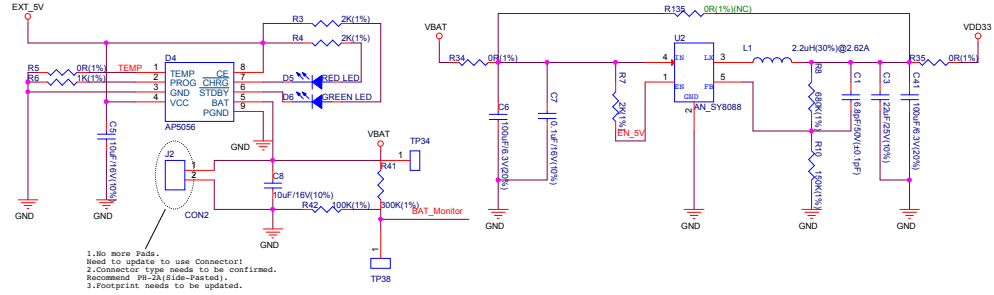
USB->UART:



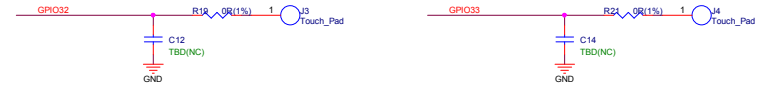
ESP32 Chip:



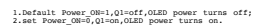
Power:



Touch:



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- 1.I2C slave address:0'b 101 1111 x;
- 2.To select I2C mode,the CS line must be tied high(i.e. connected to VDD) or left unconnected (thanks to the internal pull-up).
- 3.CTRL_REG3(22h) bit7:DRDY_H_L:data ready output signal active high,low(0:active-high,default;1:active low).

- 1.I2C slave address:0'b 011 1001 x;
2.It is recommended that LEA pin can be connected to a seperate power supply from VDD.
But if operating from a single supply,use a 22R resistor in series with the VDD supply line and a 1uF low ESR capacitor to filter any power supply noise.

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