

S1

1 2 4 3 KEY1_PE2 >>>KEY1_PE2

SW PUSHBUTTON 2x2

S2

1 2 4 3 KEY2_PE3 >>>KEY2_PE3

SW PUSHBUTTON 2x2

S3

1 2 4 3 KEY3_PE4 >>>KEY3_PE4

SW PUSHBUTTON 2x2

S4

1 2 4 3 KEY4_PE5 >>>KEY4_PE5

SW PUSHBUTTON 2x2

3.3V

S6

1 2 4 3

WKUP_PA0

WKUP_PA0

SW_PUSHBUTTON_2x2

内正外负

电流较大的工作电源为5V的外部

使用5V电源适配器通过该接口供电

CONN JACK PWR

D6

5V_IN

SW1

SW SPDT

电源指示灯：红色

[illegible]

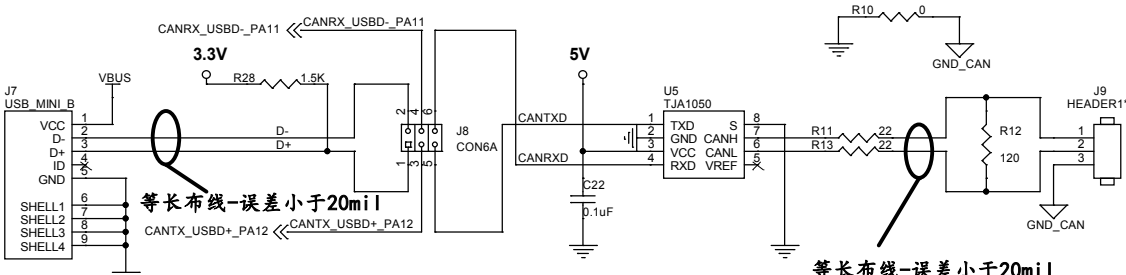
J22
CON1

BOOT0	BOOT1	启动模式
0	x	片内Flash启动
1	0	ISP
1	1	片内Sram启动

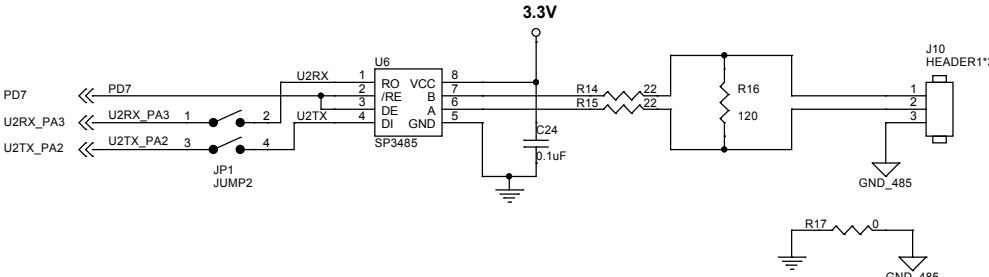
BOOT0	BOOT1	启动模式
0	x	片内Flash启动
1	0	ISP
1	1	片内Sram启动

通讯总线

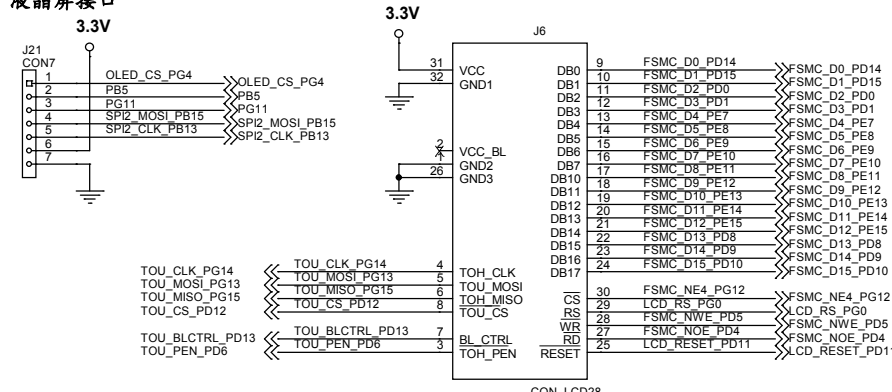
USB/CAN总线



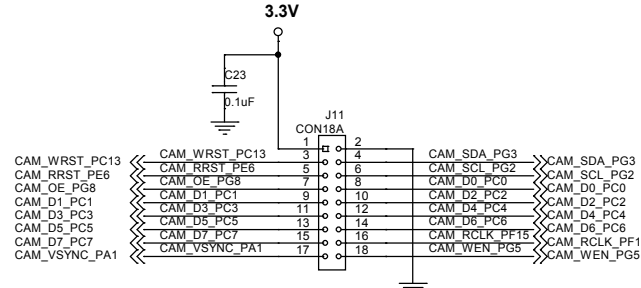
RS-485总线总线



液晶屏接口

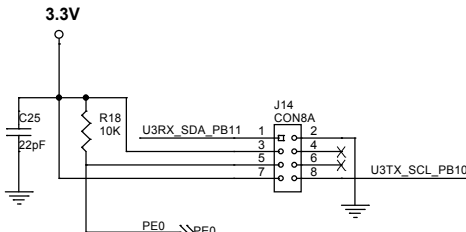


OV摄像头接口

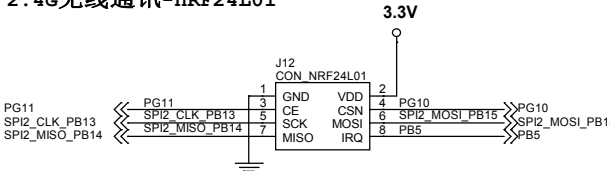


以太网/无线通讯接口

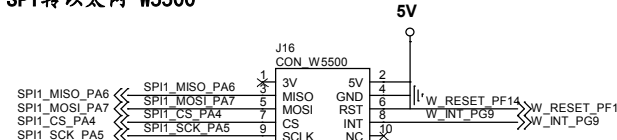
Wifi通讯-ESP8266



2.4G无线通讯-nRF24L01

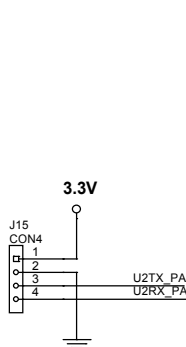


SPI转以太网-W5500

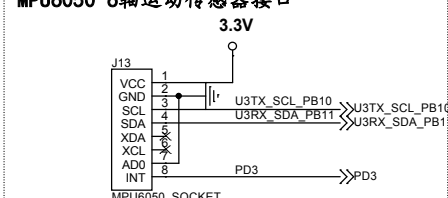


传感器接口

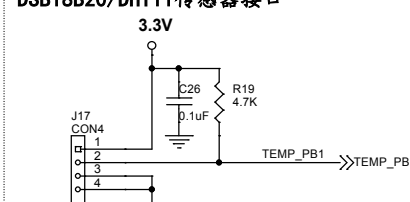
蓝牙模块接口



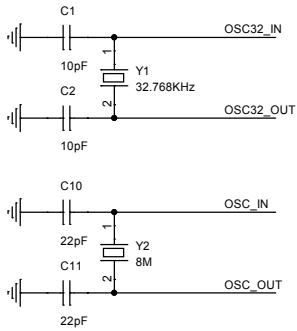
MPU6050 6轴运动传感器接口



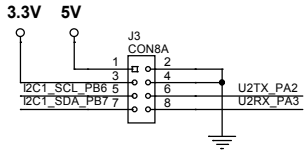
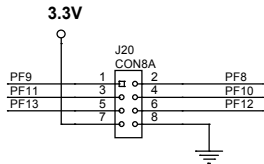
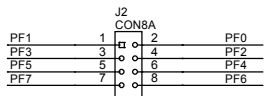
DSB18B20/DHT11 传感器接口



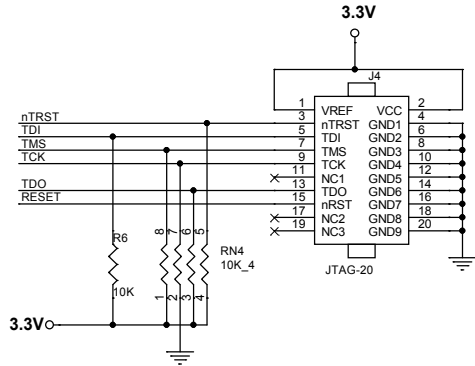
晶振



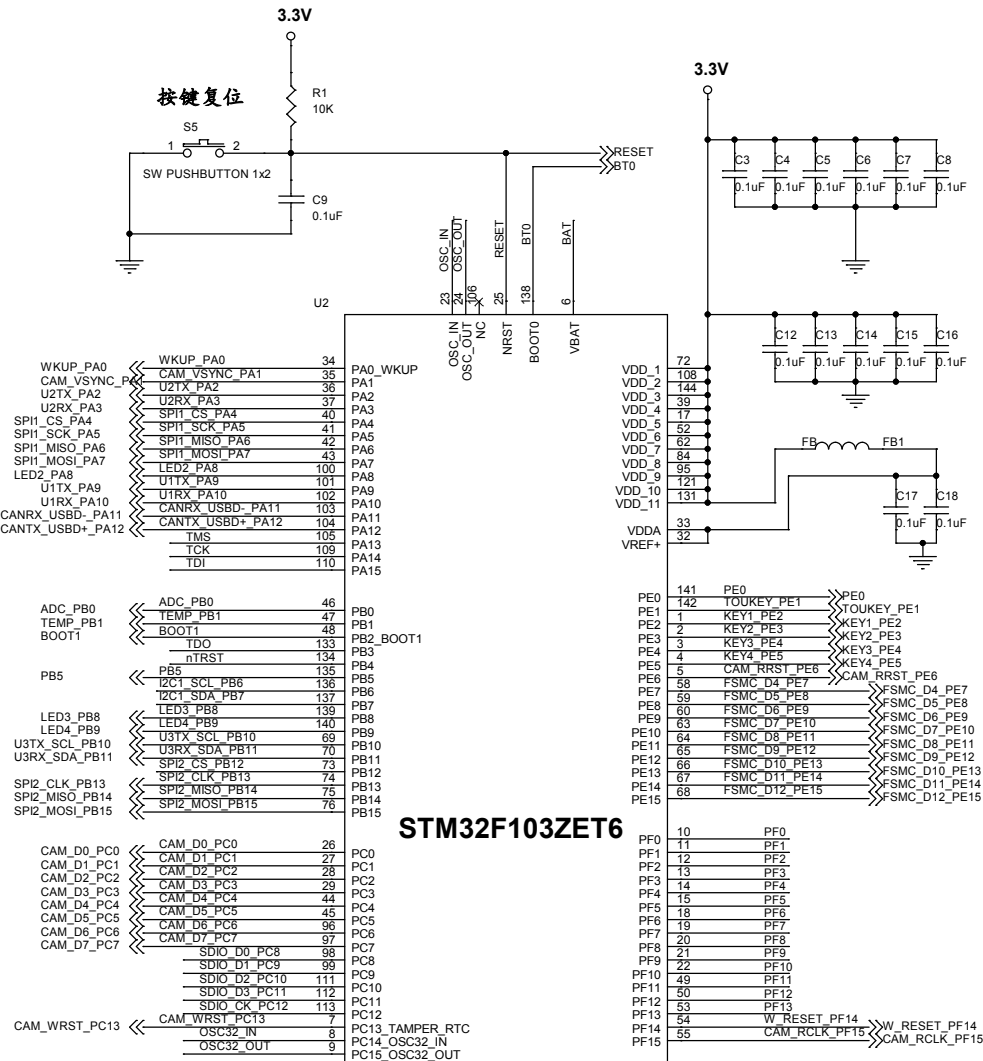
引出的GPIO



JTAG调试接口 - 20芯

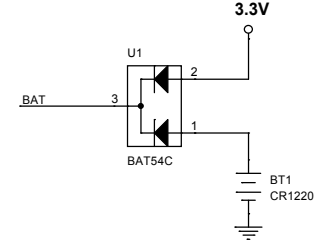


按键复位

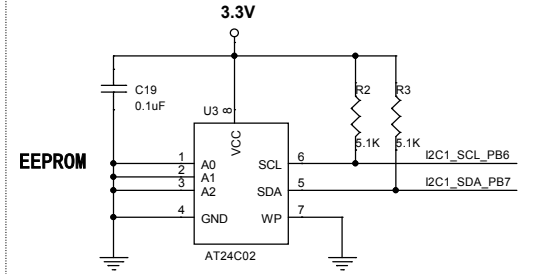


STM32F103ZET6

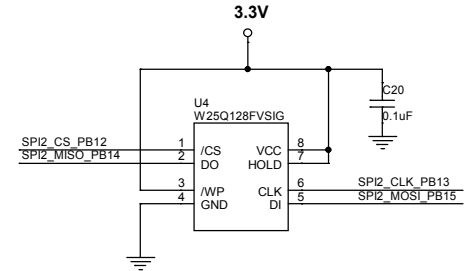
电池使用的是纽扣电池 CR1220



外部存储器：EEPROM+SPI Flash+Micro SD卡



SPI Flash 128M位, 16M字节



MicroSD 卡座

