

TITLE: N32H487ZEL7\_EVB

SIZE: A3

REV: V1.1

DATED: 2024-02-03

SHEET: 1 OF 8

D

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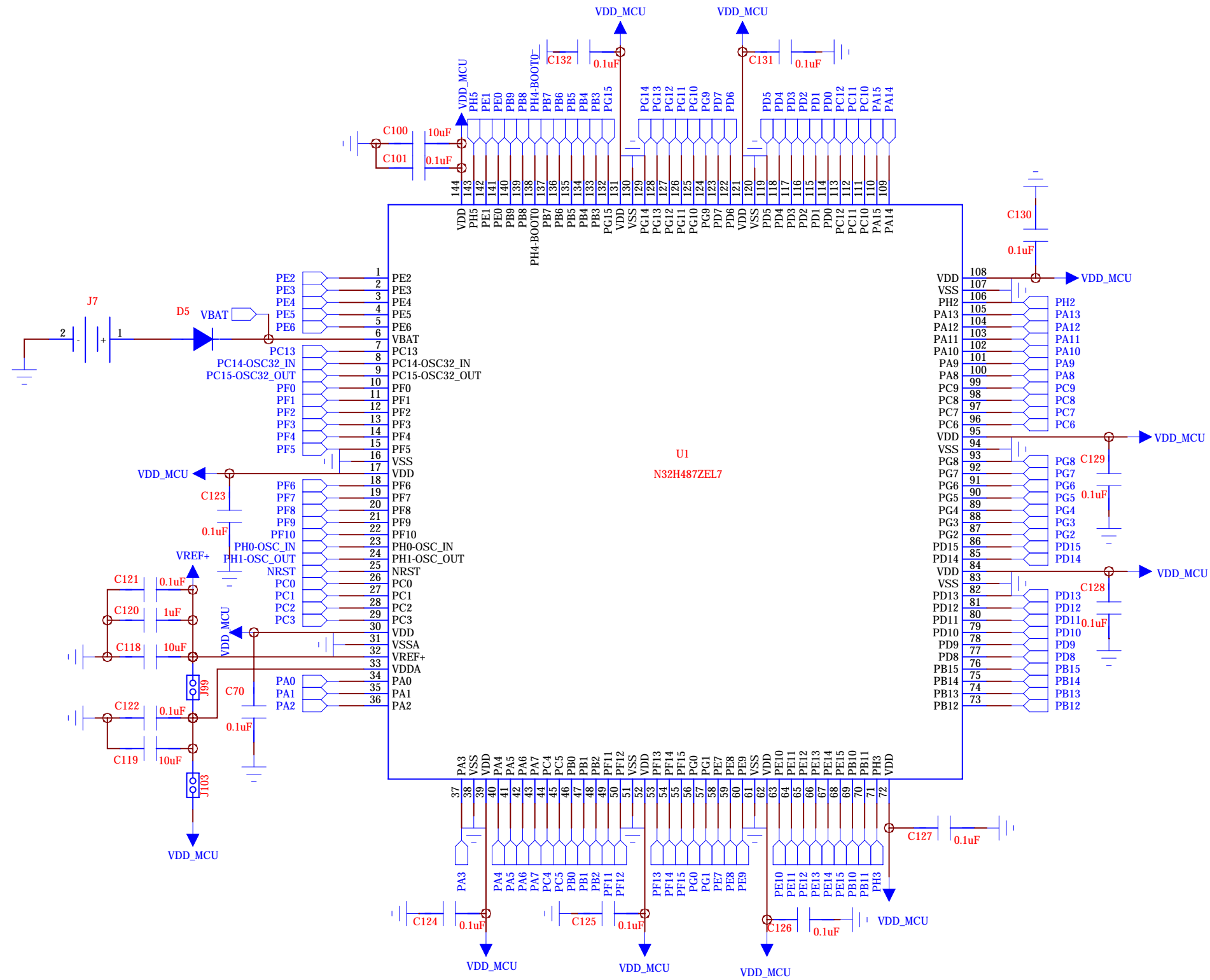
B

B

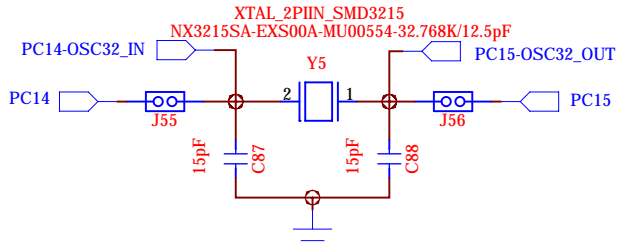
A

A

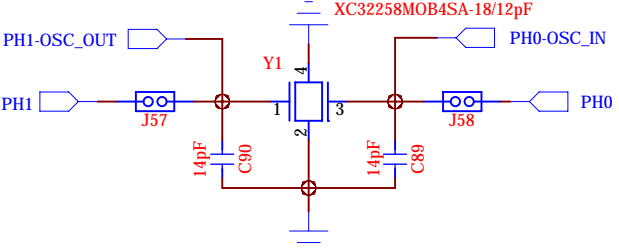
MCU



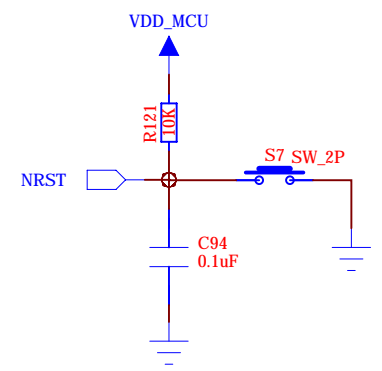
32.768K Crystal



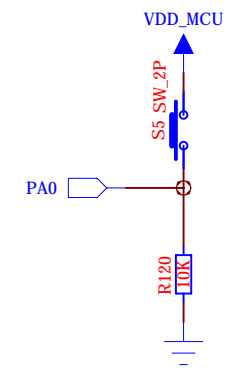
8M Crystal



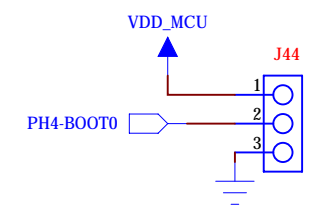
RESET



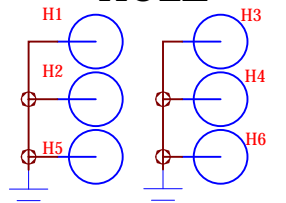
MCU WAKEUP




BOOT



HOLE

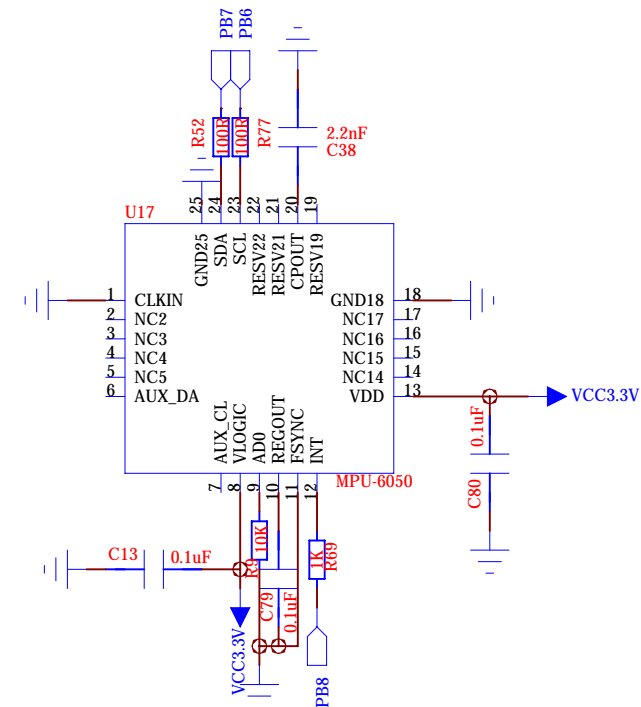




TITLE: **N32H487ZEL7\_EVB**

SIZE: <b>A3</b>	REV: <b>V1.1</b>
DATED: <b>2024-02-03</b>	SHEET: <b>2 OF 8</b>

## Six-axis sensor



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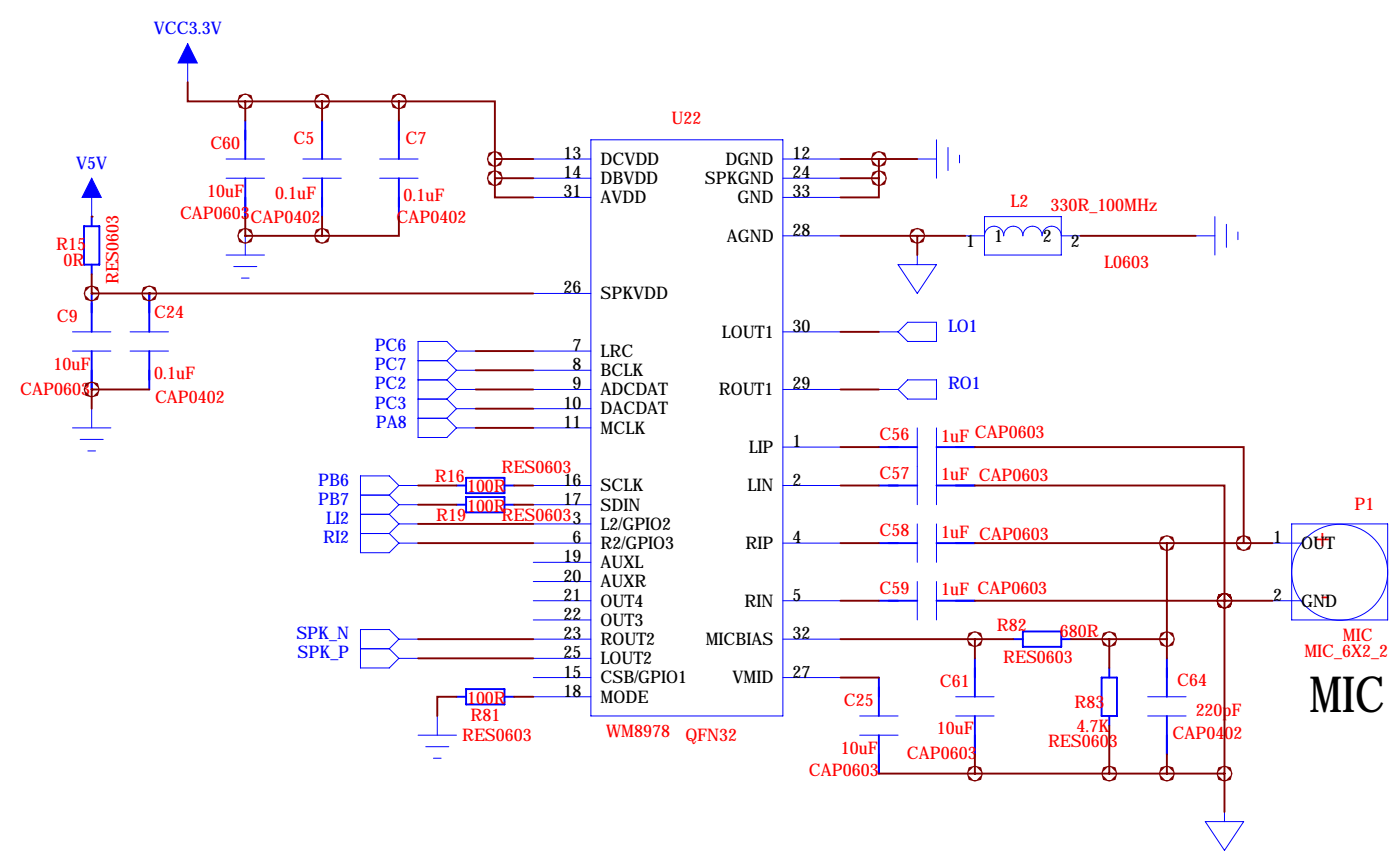
B

B

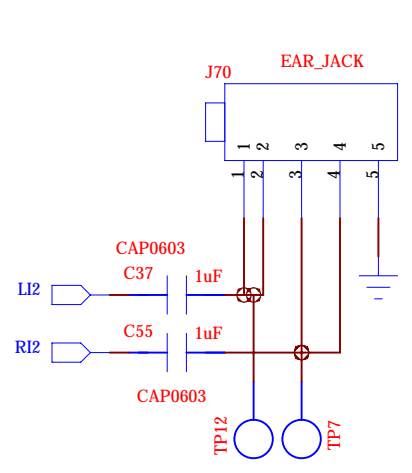
A

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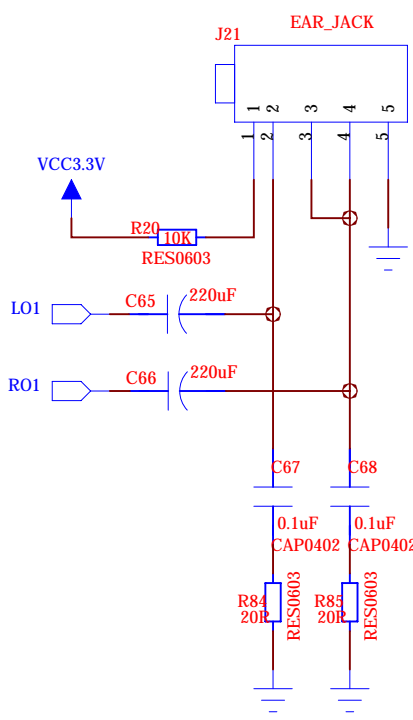
# AUDIO CODE



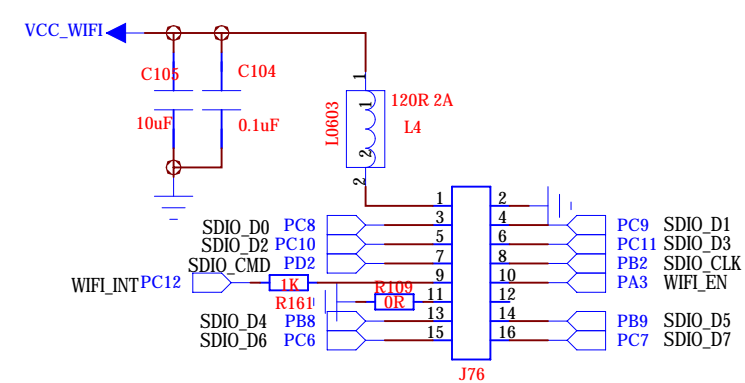
## AUDIO INPUT



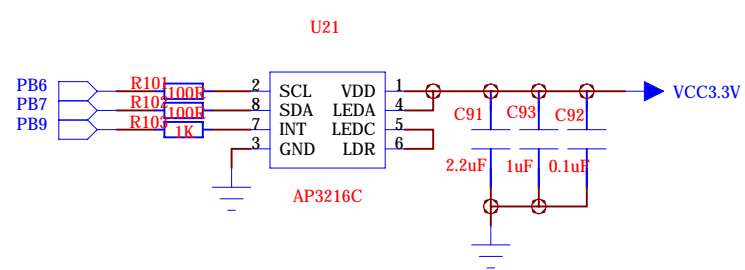
## AUDIO OUTPUT



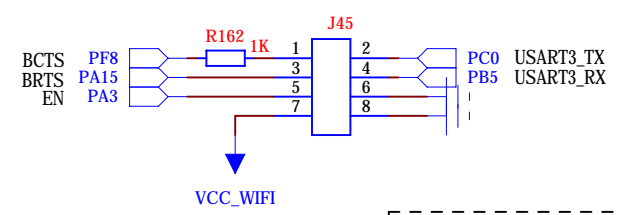
## SDIO\_WIFI




## ALS/PS/IRLED



## BLE





TITLE: N32H487ZEL7\_EVB

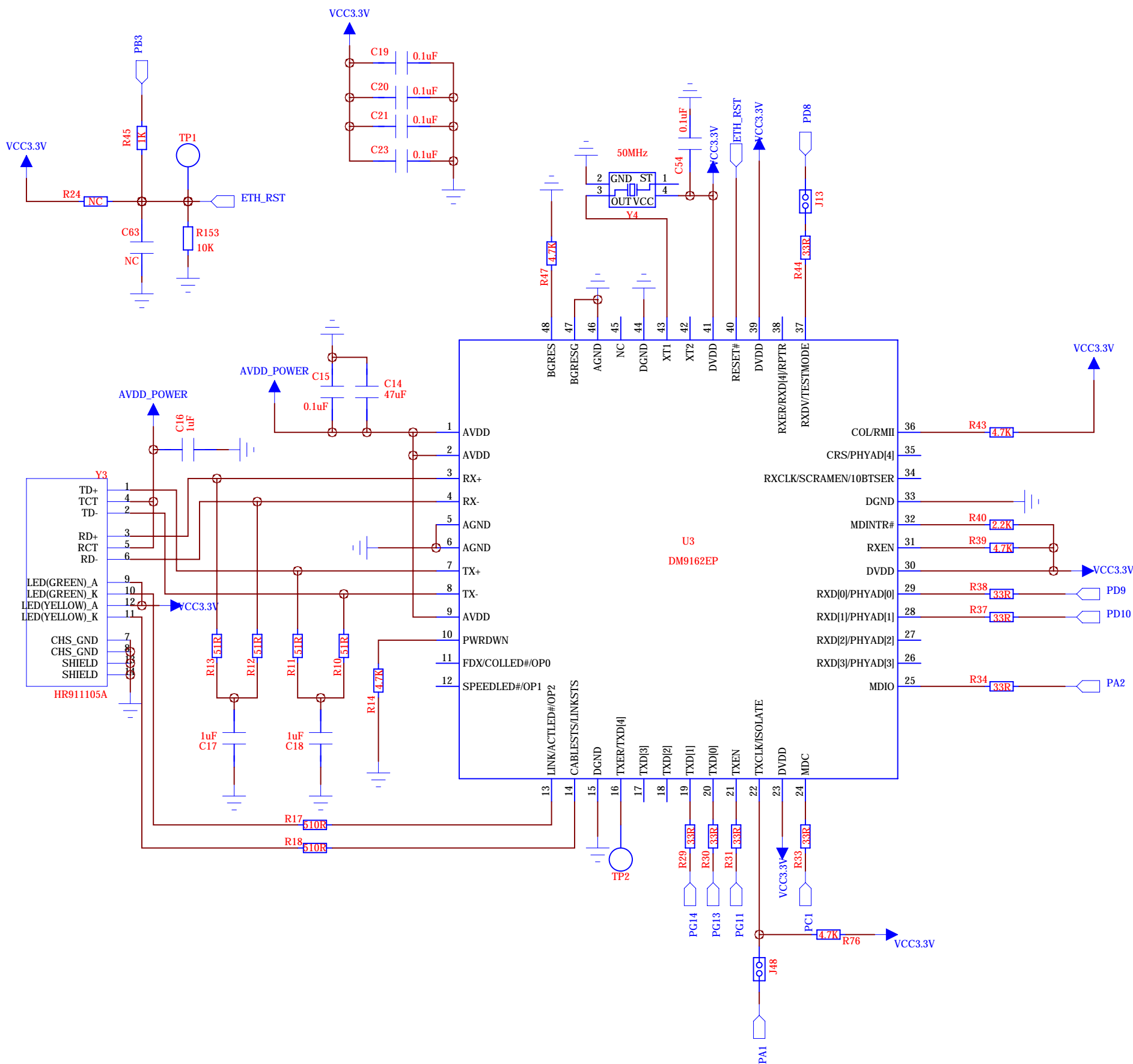
SIZE: A3

REV: V1.1

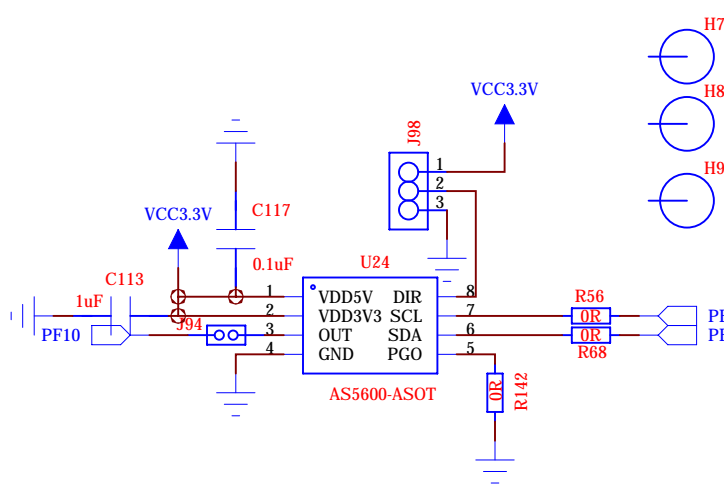
DATED: 2024-02-03

SHEET: 4 OF 8

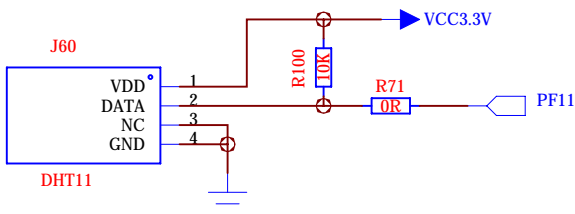
# ETH



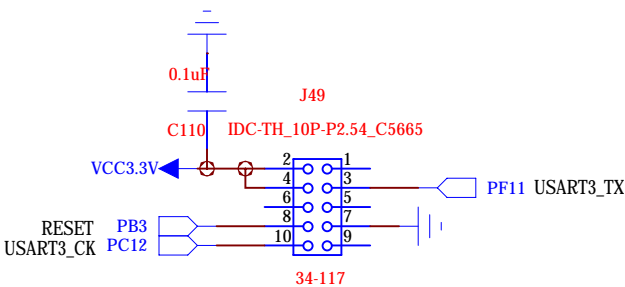
# Potentiometer



# DHT11



# ISO-7816

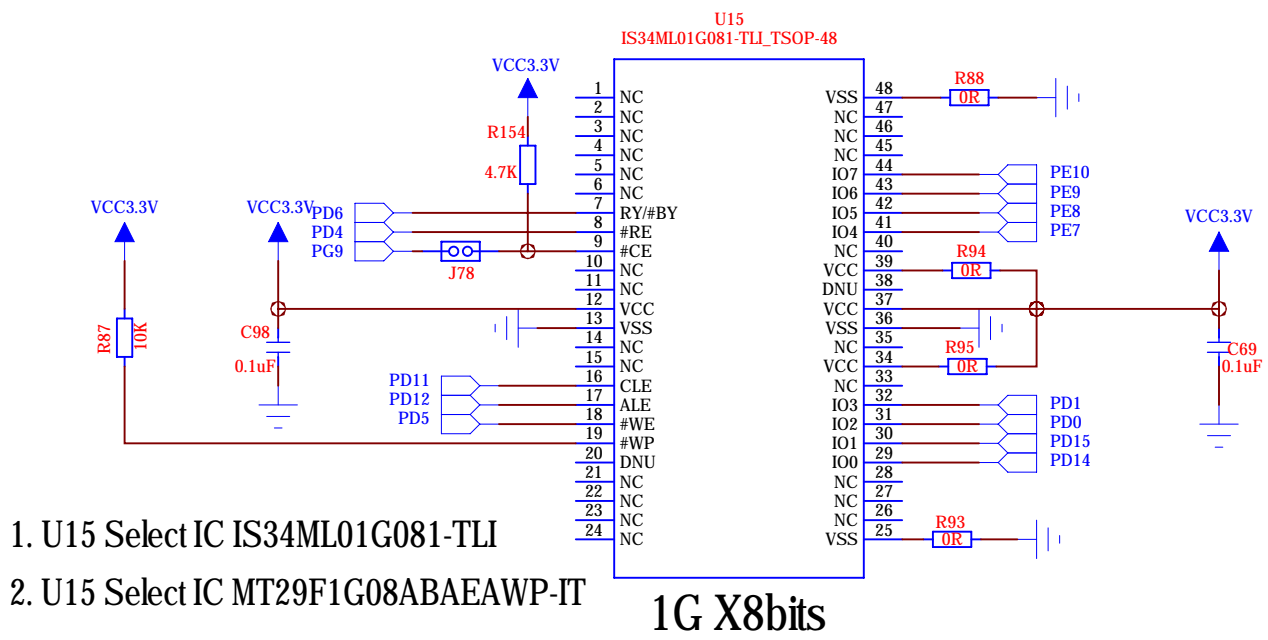


TITLE: N32H487ZEL7\_EVB

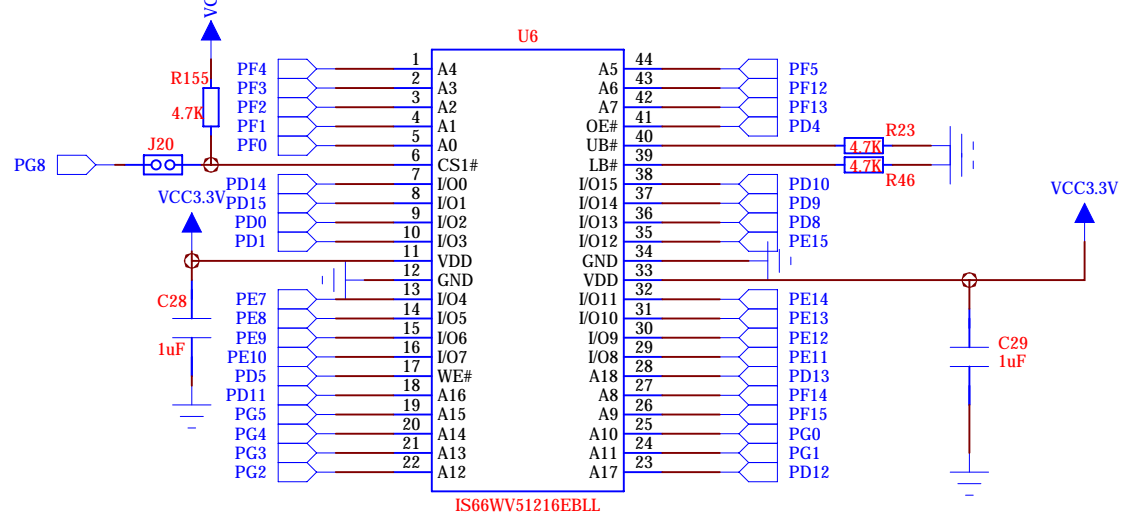
SIZE: A3 REV: V1.1

DATED: 2024-02-03 SHEET: 5 OF 8

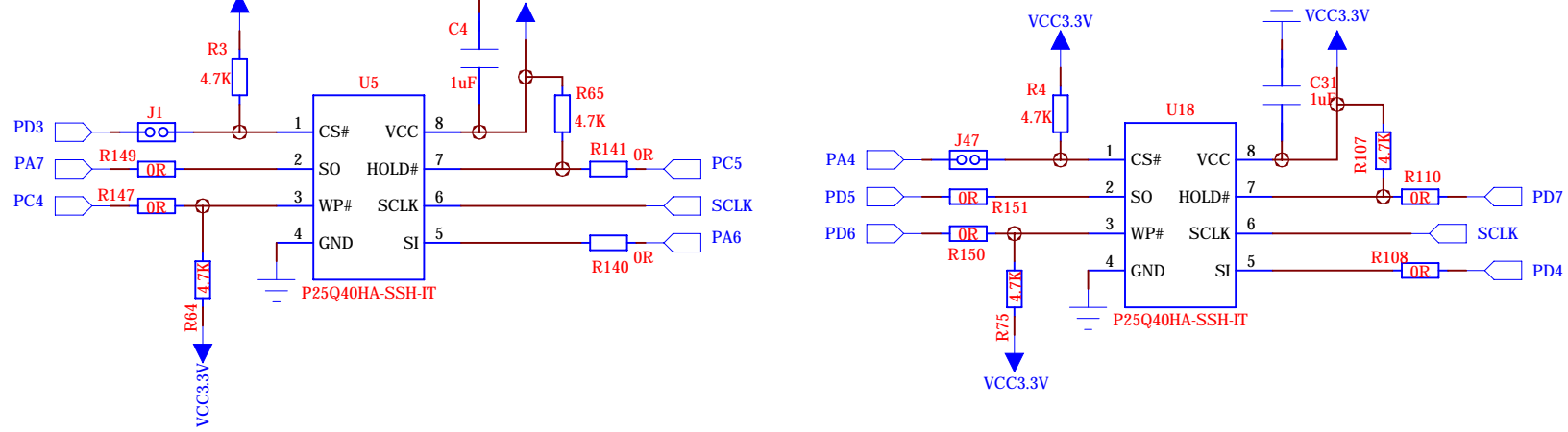
NANDFLASH 2



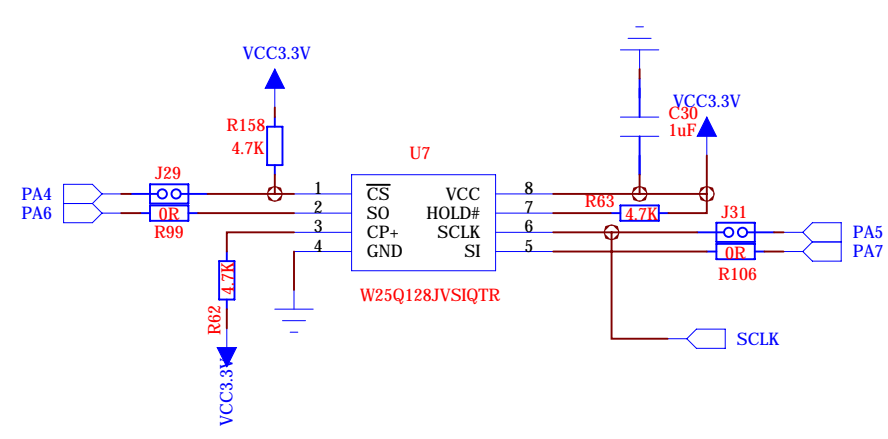
PSRAM



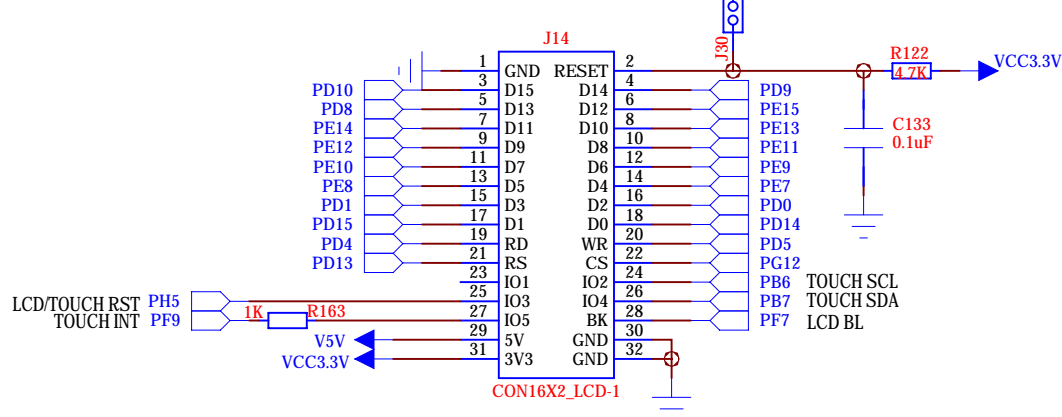
XSPI\_FLASH



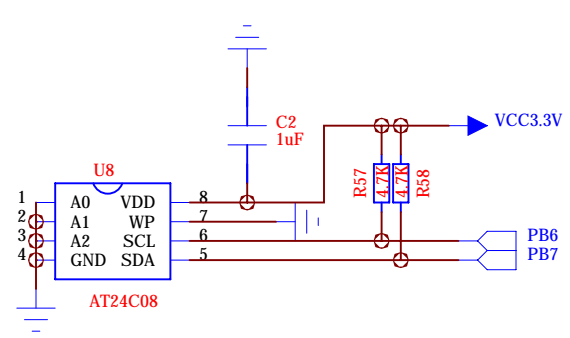
SPI\_FLASH



LCD



EEROM



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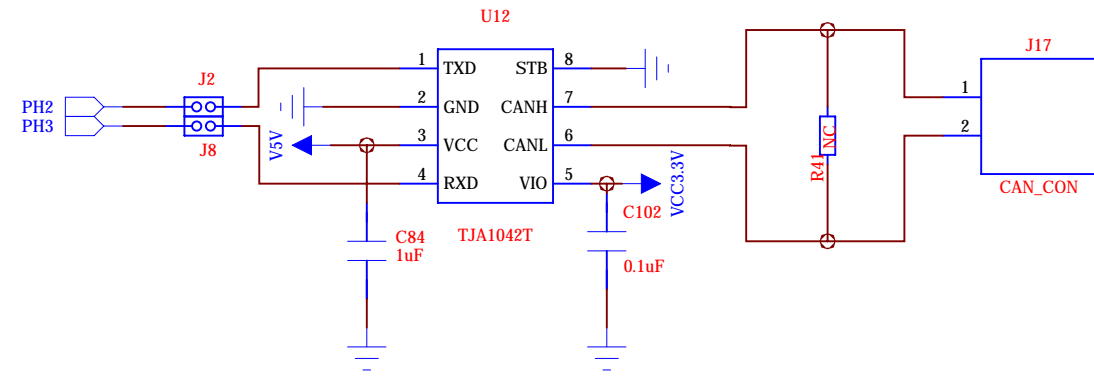
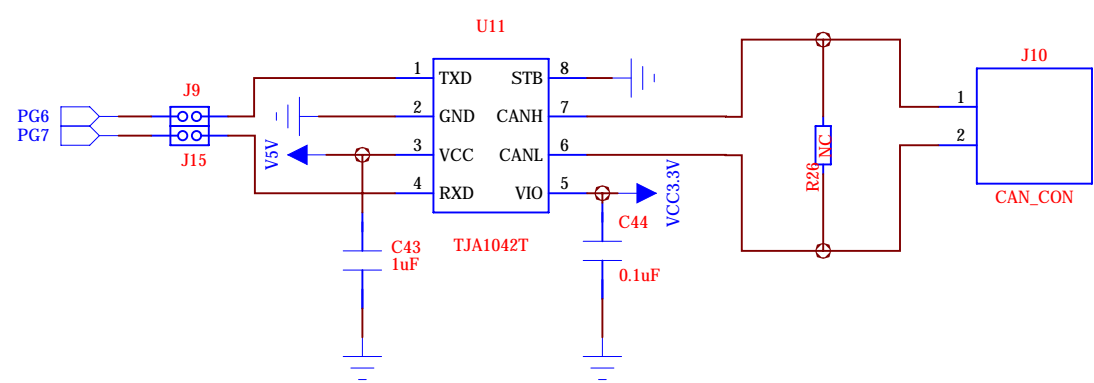
2

1

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CAN

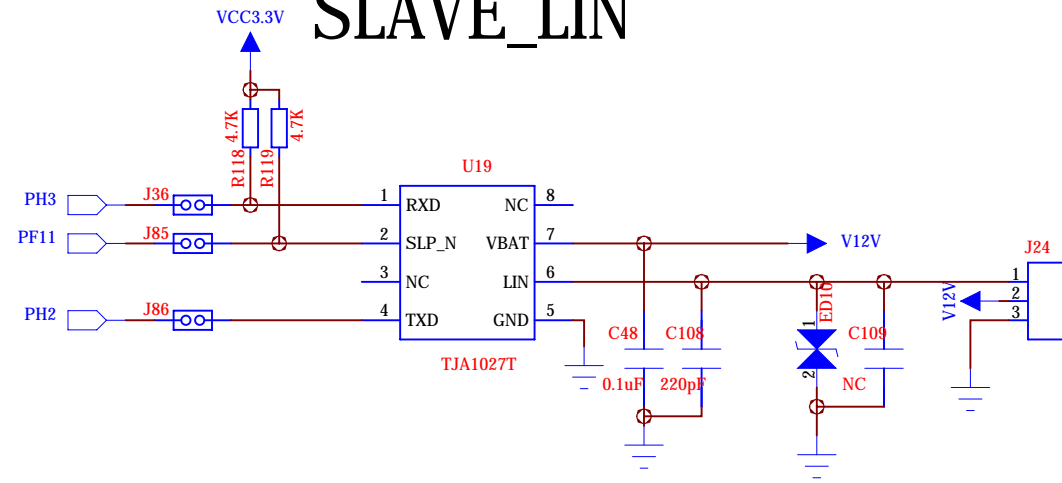
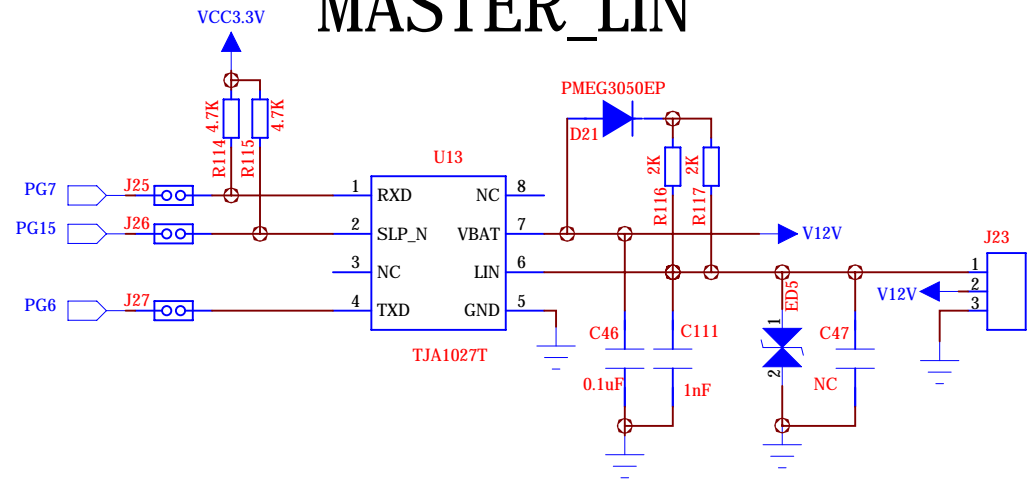


C

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MASTER LIN

SLAVE LIN



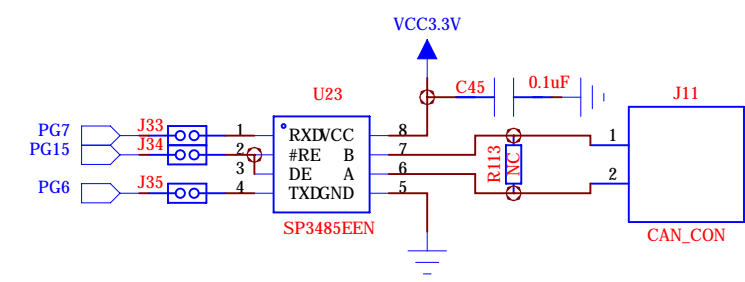
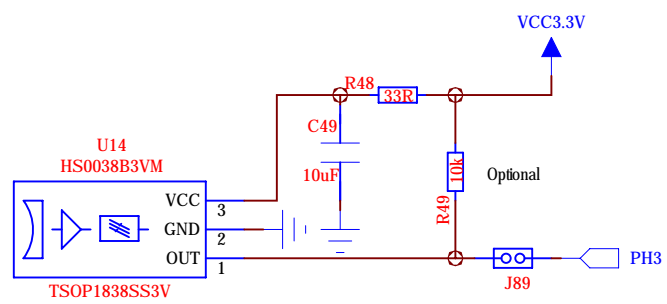
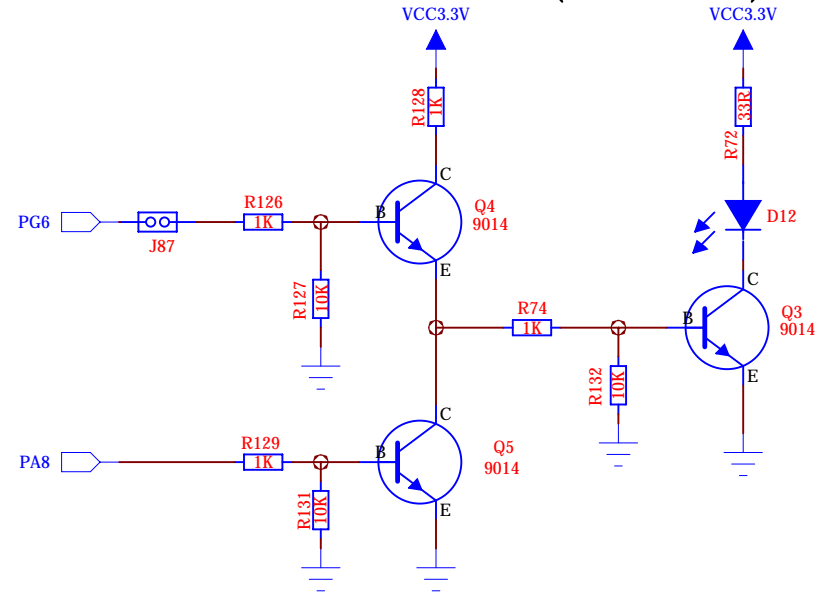
B

B

Infrared Transmitter(940nm)


IRDA Receiver

RS485



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SHEET: 7 OF 8



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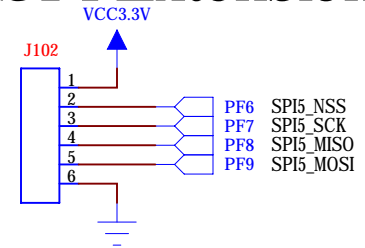
4

3

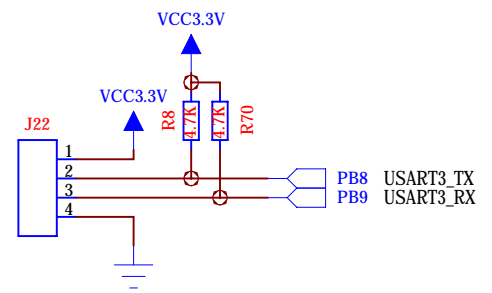
2

1

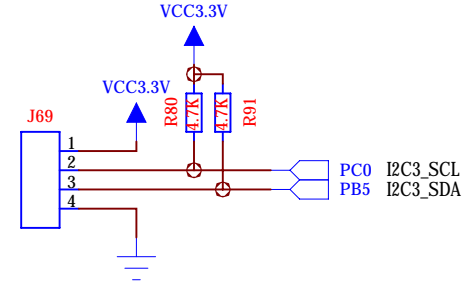
# SPI Extension



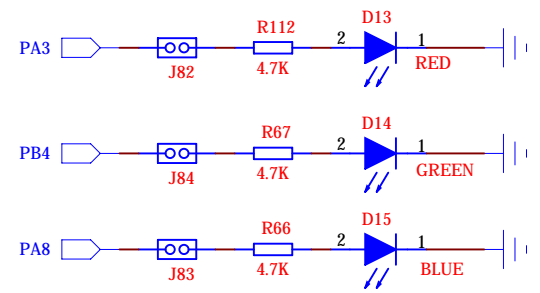
# UART Extension



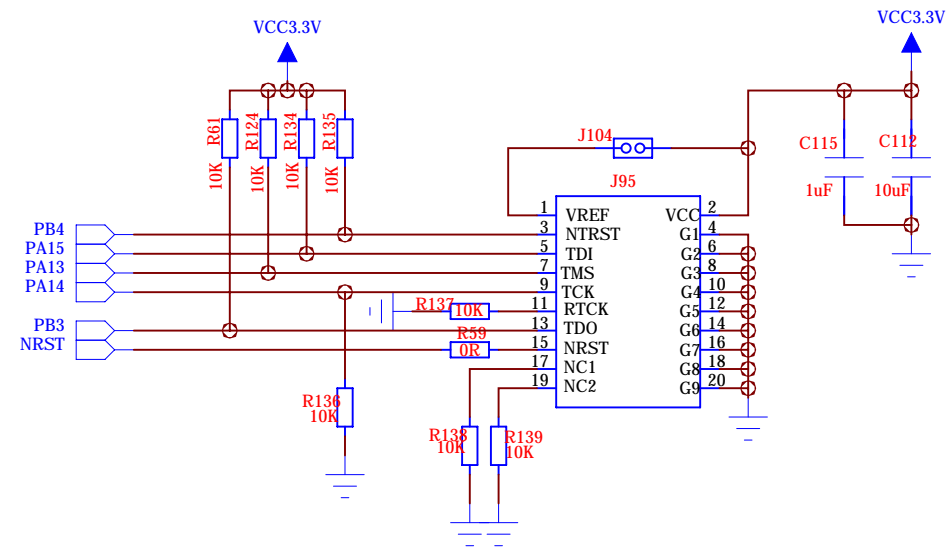
# I2C Extension



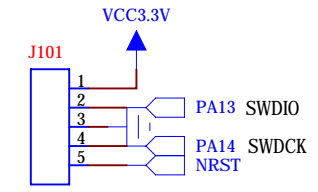
# LED



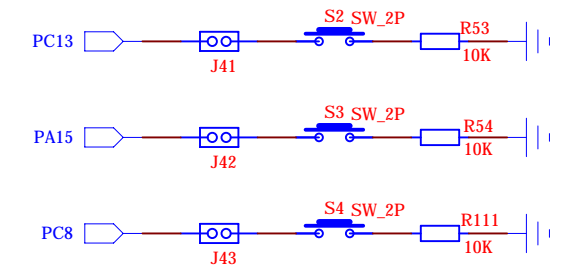
# JTAG



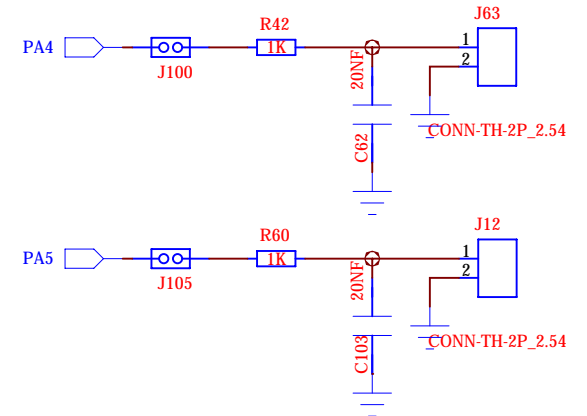
# SWD



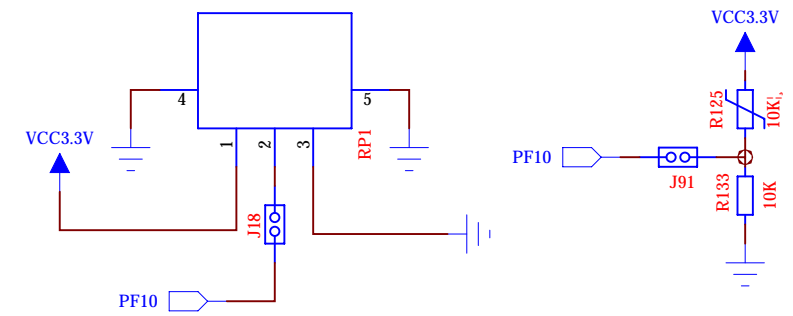
# KEY



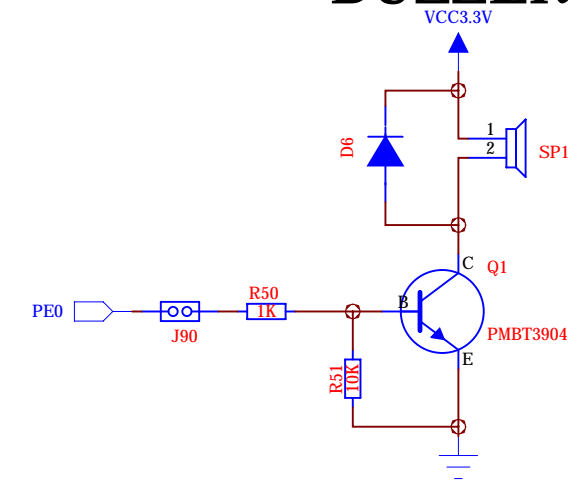
# DAC




# ADC



# BUZZER





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SHEET: 8 OF 8