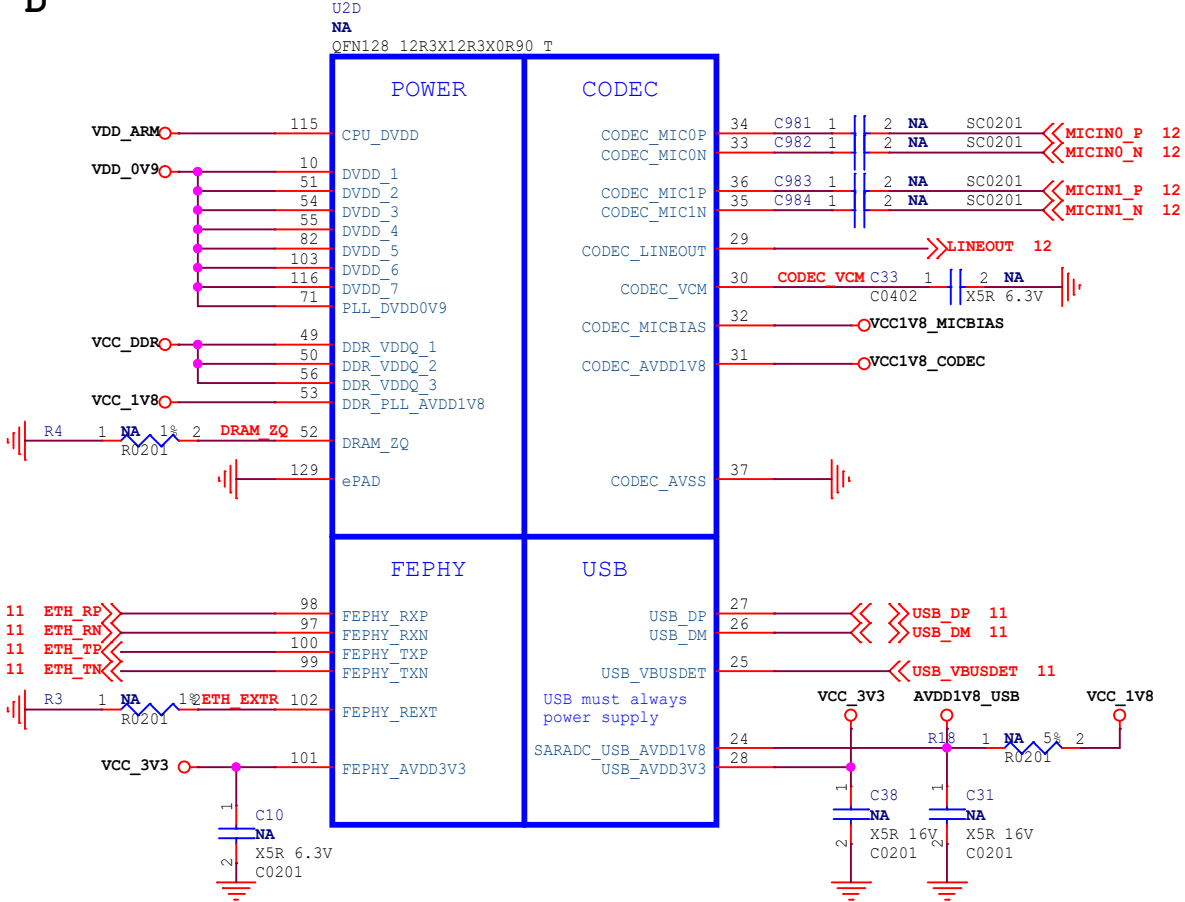


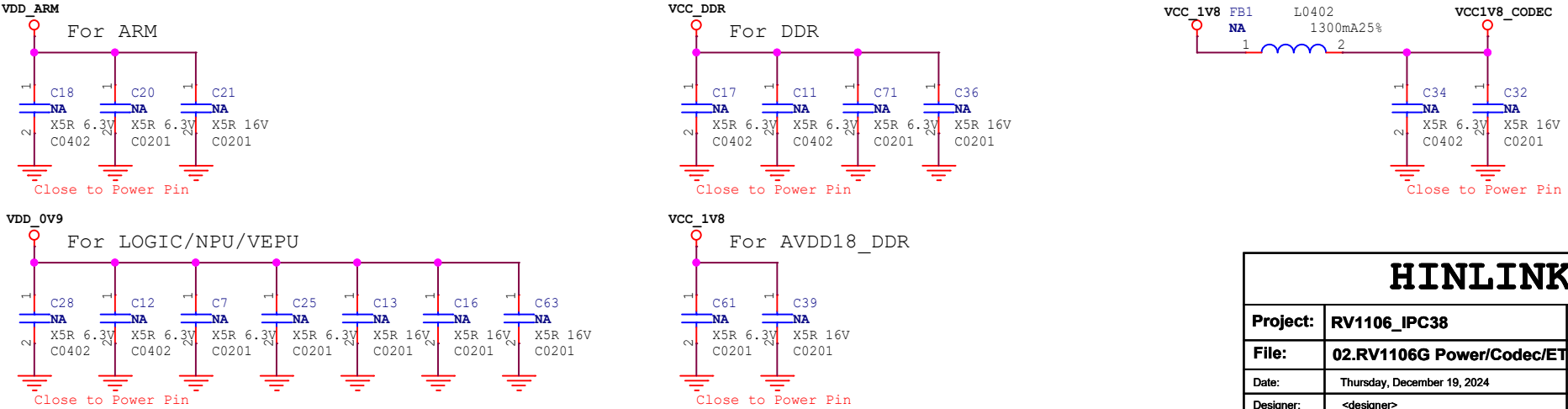
RV1106G\_GMF\_V1.0

| Reference Design Main Functions Introduction |                                 |
|----------------------------------------------|---------------------------------|
| Power                                        | Discrete                        |
| RAM                                          | SPI FLASH                       |
| Interface                                    | SDMMC/SDIO/MIPI_CSI/I2S/USB/ADC |

PART D



POWER

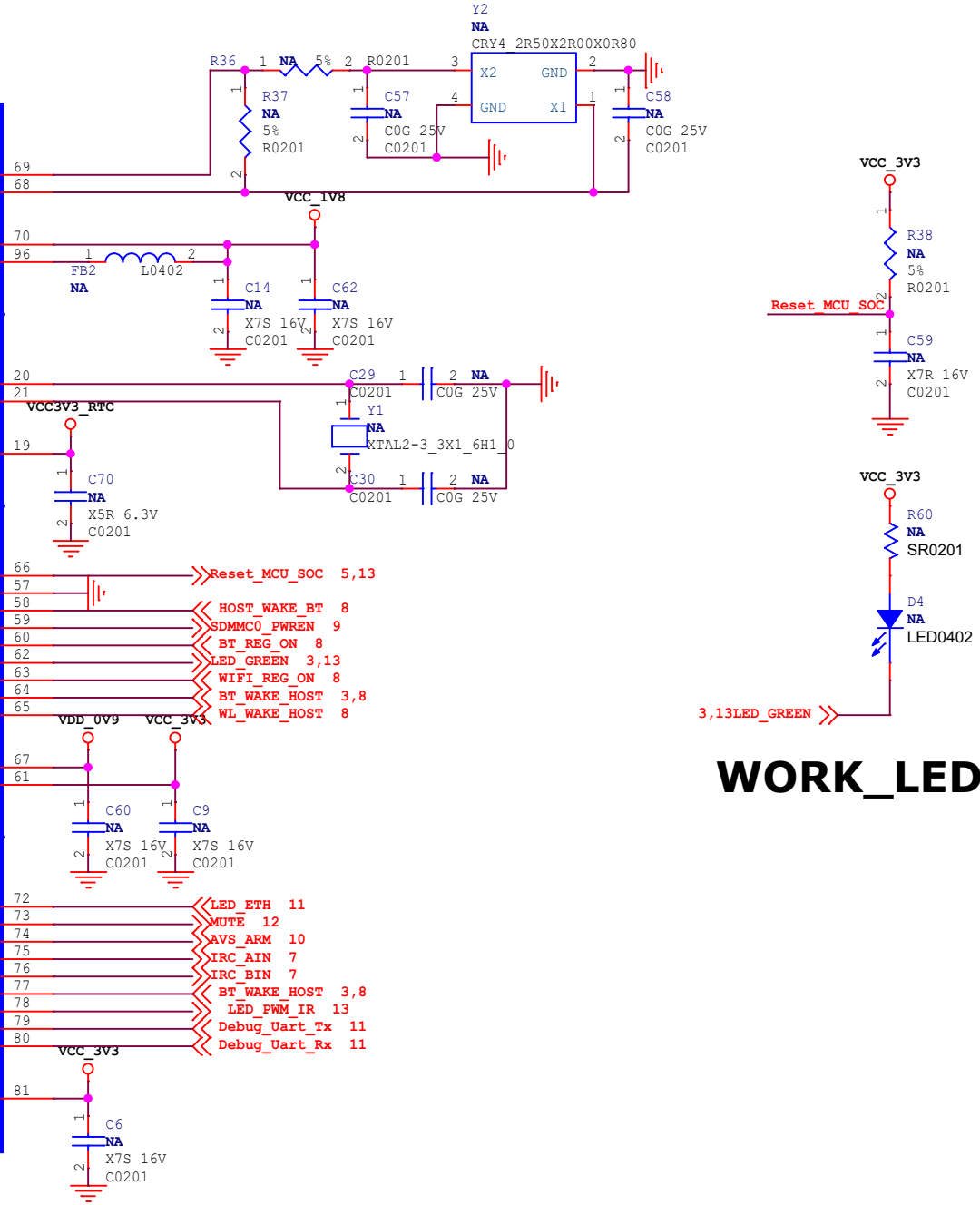
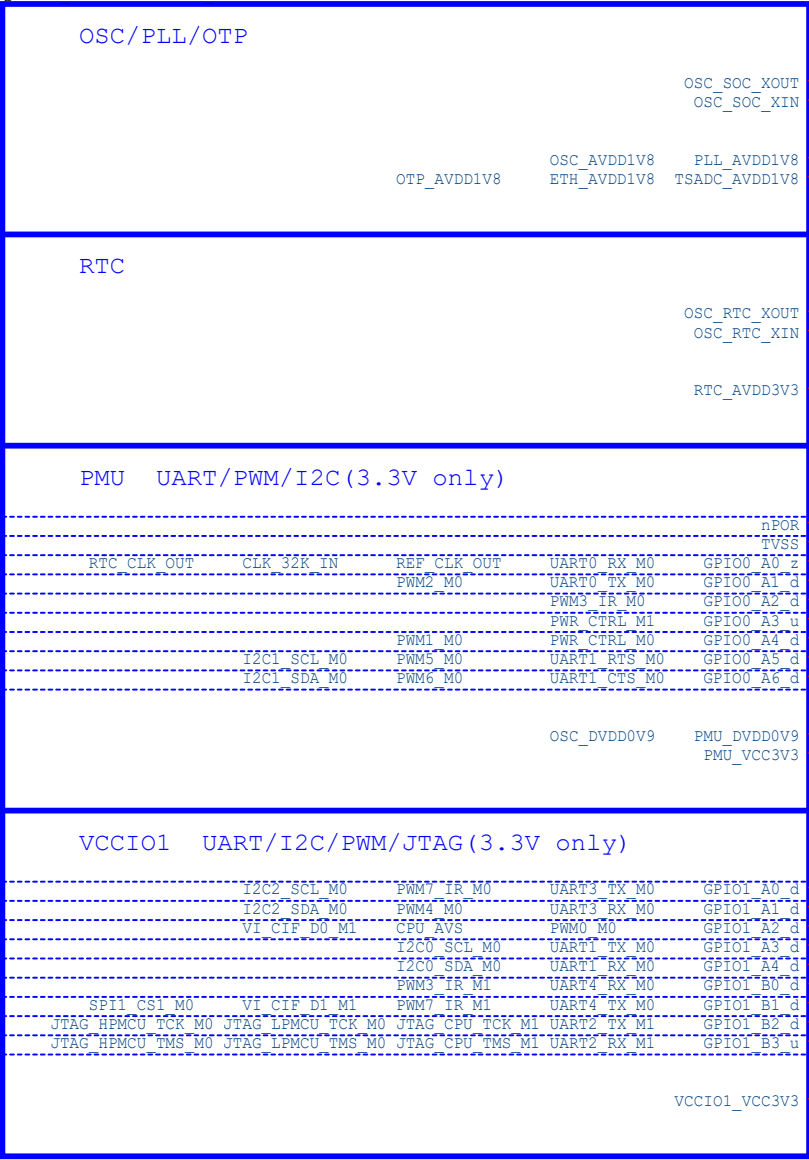


# HINLINK

|           |                                |                                                                                       |
|-----------|--------------------------------|---------------------------------------------------------------------------------------|
| Project:  | RV1106_IPC38                   |  |
| File:     | 02.RV1106G Power/Codec/ETH/USB |                                                                                       |
| Date:     | Thursday, December 19, 2024    | Rev: <Revision>                                                                       |
| Designer: | <designer>                     | Sheet: 2 of 14                                                                        |

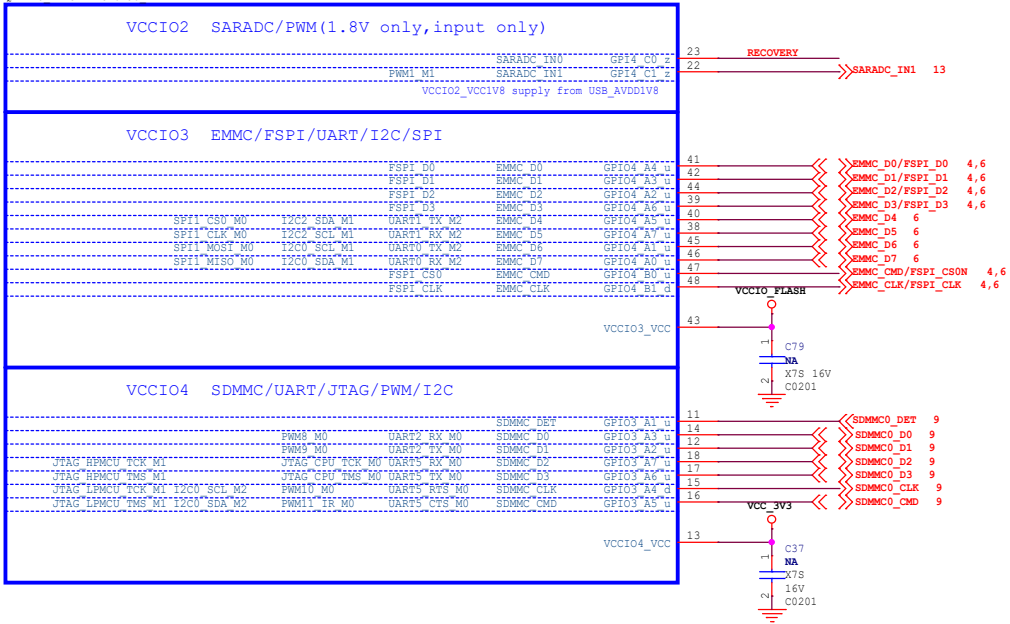
PART A

U2A  
NA  
QFN128 12R3X12R3X0R90 T



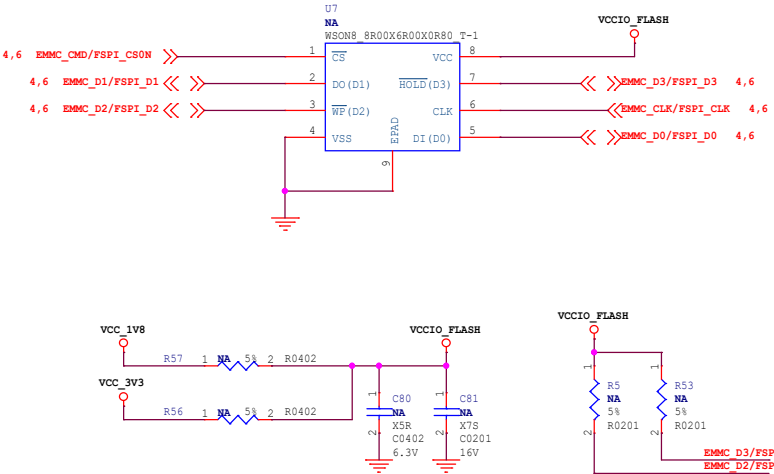
| HINLINK   |                              |                                                                                                  |            |
|-----------|------------------------------|--------------------------------------------------------------------------------------------------|------------|
| Project:  | RV1106_IPC38                 | <br>HINLINK |            |
| File:     | 03.RV1106G OSC/RTC/PMU/VCCIO |                                                                                                  |            |
| Date:     | Thursday, December 19, 2024  | Rev:                                                                                             | <Revision> |
| Designer: | <designer>                   | Sheet:                                                                                           | 3 of 14    |

U2B  
NA  
OPN128 12R3X12R3X0R90 T

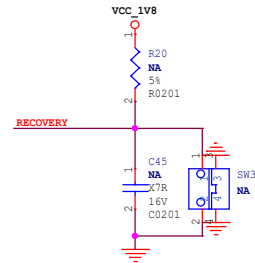


SPI Flash

NOTE:  
Refer to the latest AVL for parts selection.



SARADC

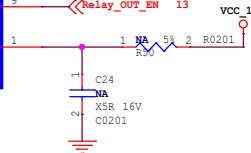
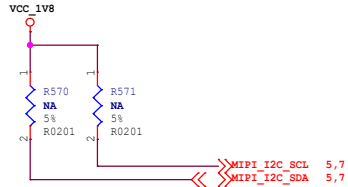
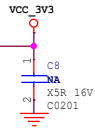
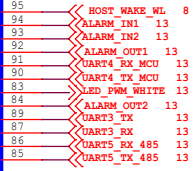
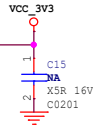
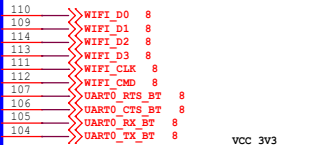
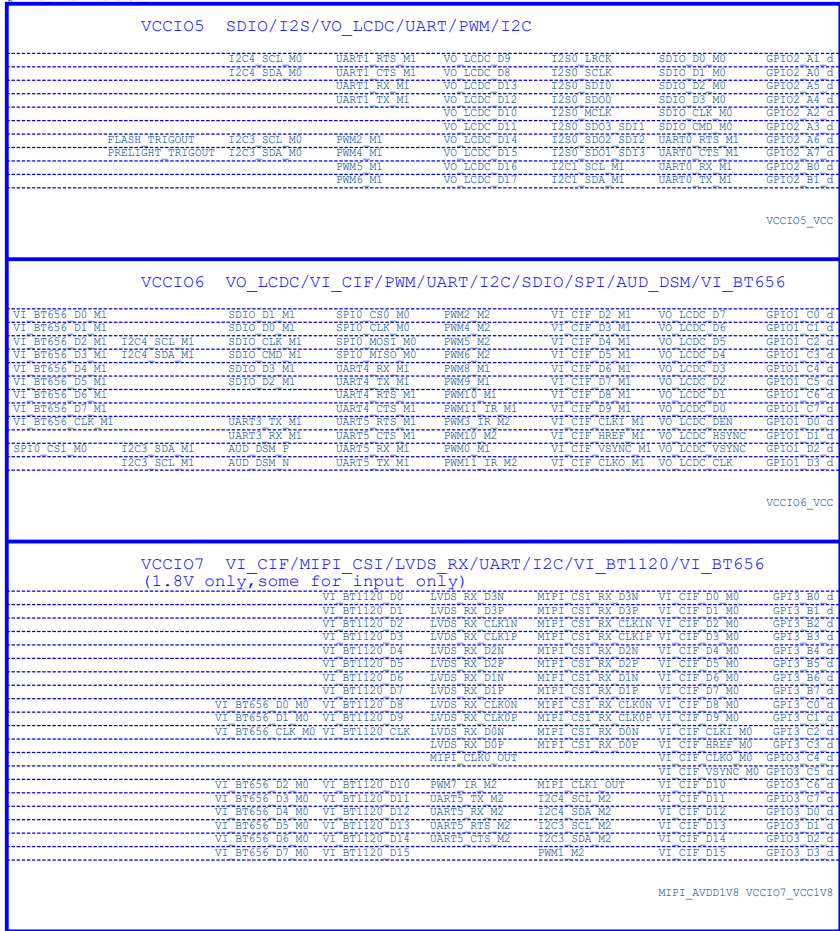


HINLINK

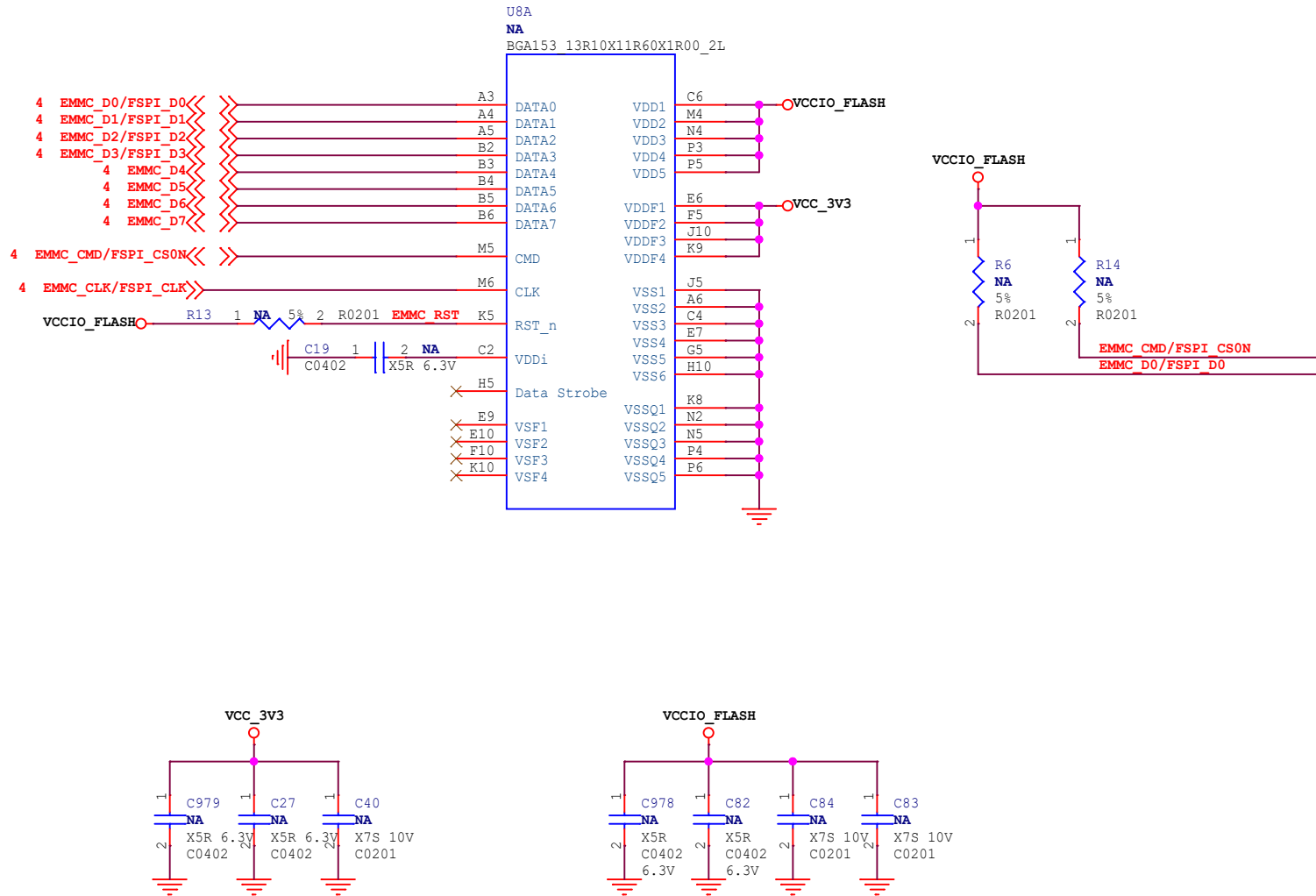
|           |                             |      |            |
|-----------|-----------------------------|------|------------|
| Project:  | RV1106_IPC38                | Rev: | <Revision> |
| File:     | 04.RV1106G ADC/FLASH/SDMMC  | Rev: | <Revision> |
| Date:     | Thursday, December 10, 2024 | Rev: | <Revision> |
| Designer: | <designer>                  | Rev: | <Revision> |



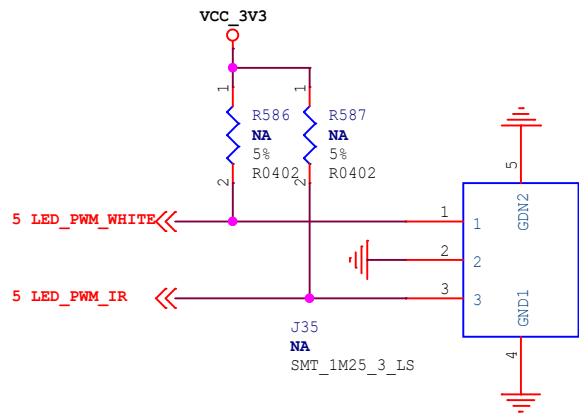
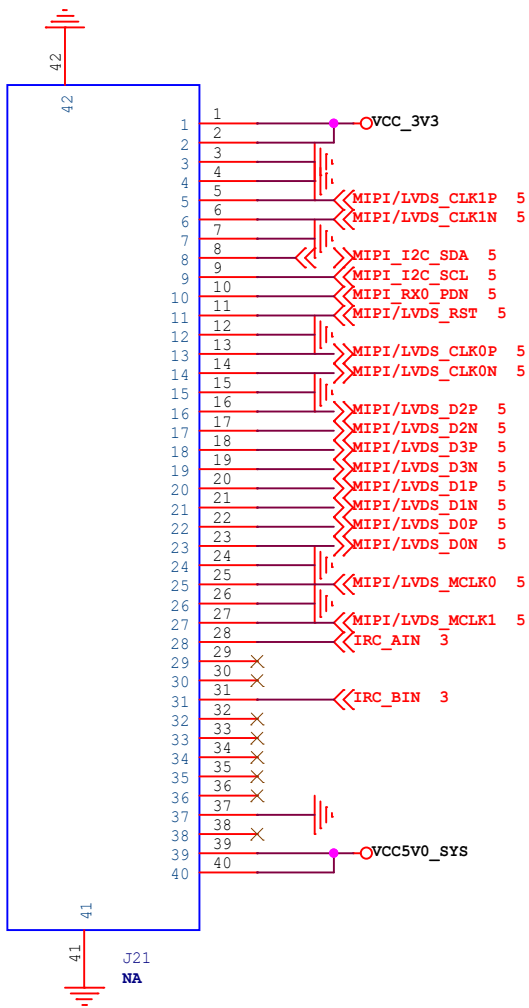
U2C  
NA  
QFN128 12R3X12R3X0R90 T



NOTE:  
Refer to the latest AVL for parts selection.



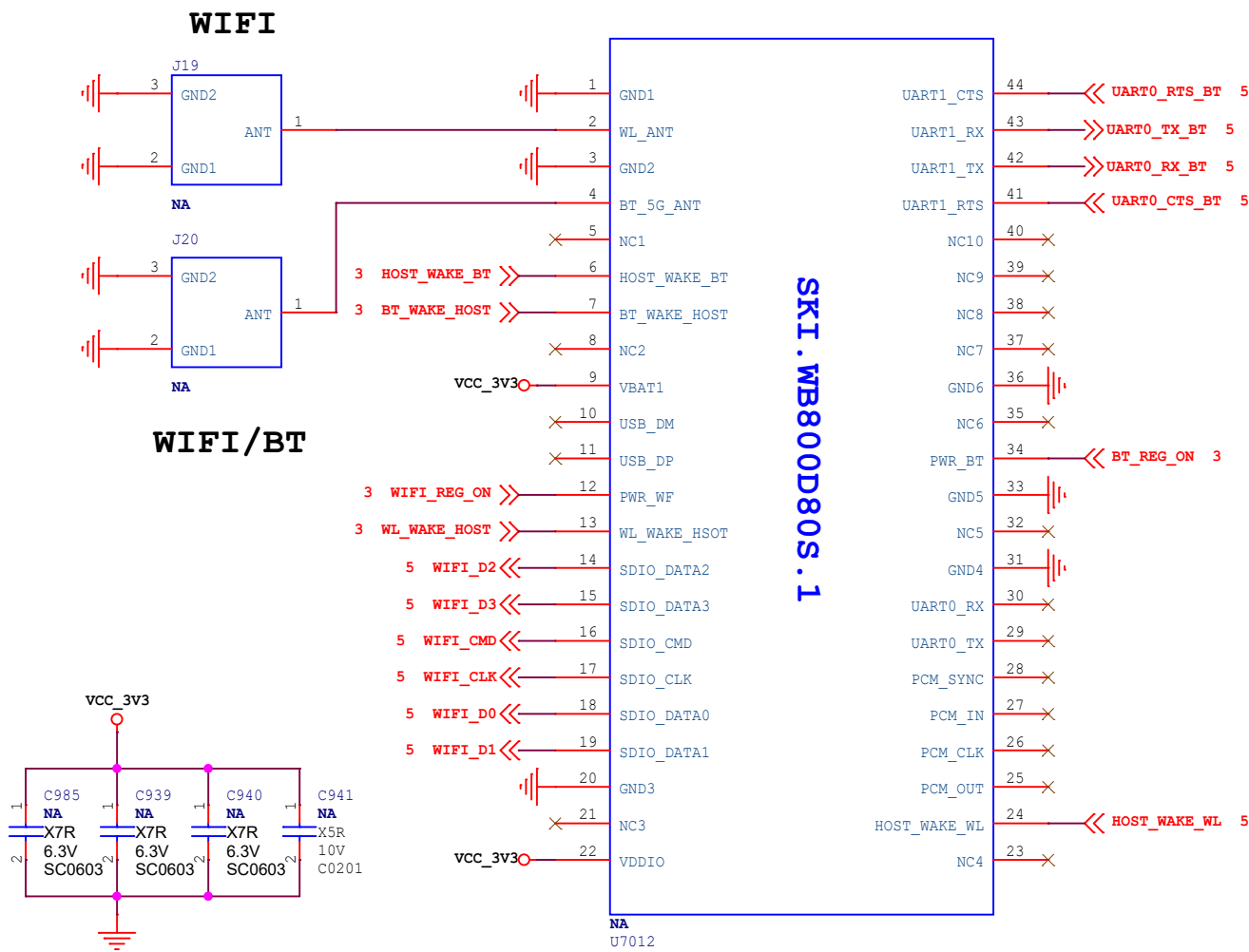
IR-CUT Drive



灯板电压是5v，注意隔离

HINLINK

|           |                             |                                                                                       |
|-----------|-----------------------------|---------------------------------------------------------------------------------------|
| Project:  | RV1106_IPC38                |  |
| File:     | 07.VI-LED                   |                                                                                       |
| Date:     | Thursday, December 19, 2024 | Rev: <Revision>                                                                       |
| Designer: | <designer>                  | Sheet: 7 of 14                                                                        |

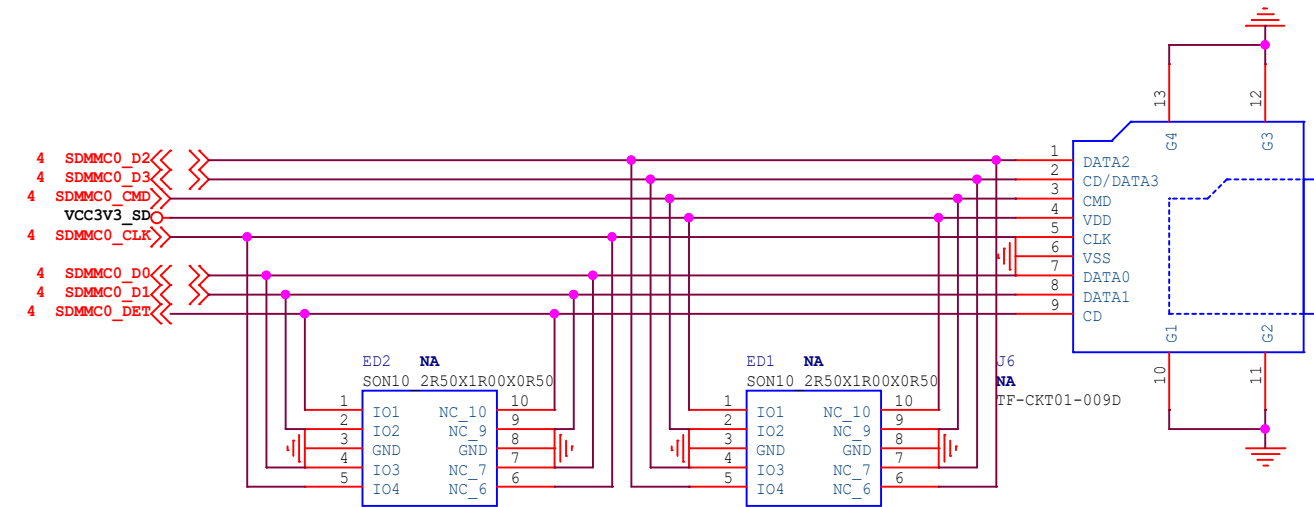


双频高性能: SKI.WB800D80S.1  
双频中性能: SKI.WB800D80S.1\_D40  
单频2.4G低性能: SKI.WB800DCS.2

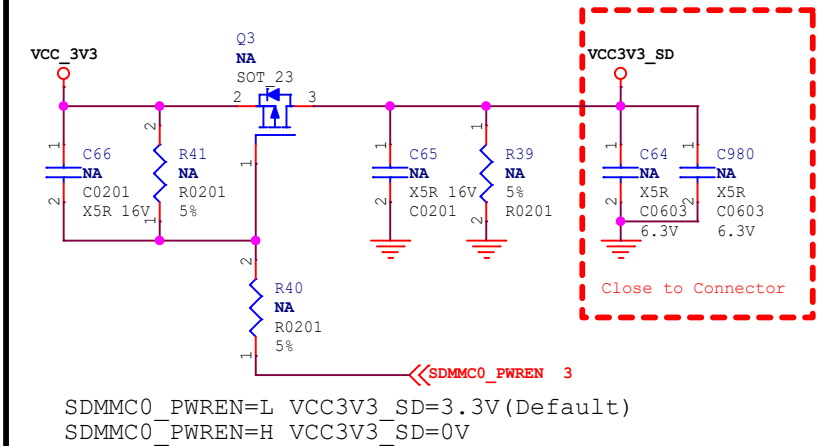
| HINLINK   |                             |                                                                                                  |            |
|-----------|-----------------------------|--------------------------------------------------------------------------------------------------|------------|
| Project:  | RV1106_IPC38                | <br>HINLINK |            |
| File:     | 08.SDIO WIFI                |                                                                                                  |            |
| Date:     | Thursday, December 19, 2024 | Rev:                                                                                             | <Revision> |
| Designer: | <designer>                  | Sheet:                                                                                           | 8 of 14    |



## Micro-SD Card



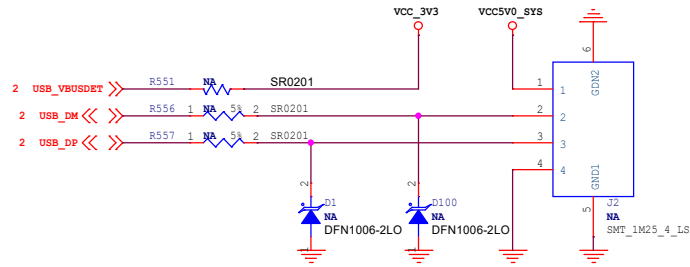
## Card Power



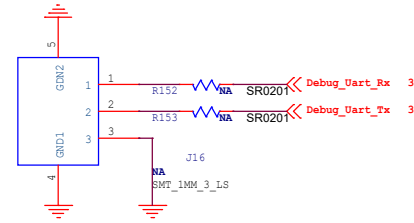
| HINLINK   |                             |                                                                                                  |            |
|-----------|-----------------------------|--------------------------------------------------------------------------------------------------|------------|
| Project:  | RV1106_IPC38                | <br>HINLINK |            |
| File:     | 09.SD Card                  |                                                                                                  |            |
| Date:     | Thursday, December 19, 2024 | Rev:                                                                                             | <Revision> |
| Designer: | <designer>                  | Sheet:                                                                                           | 9 of 14    |



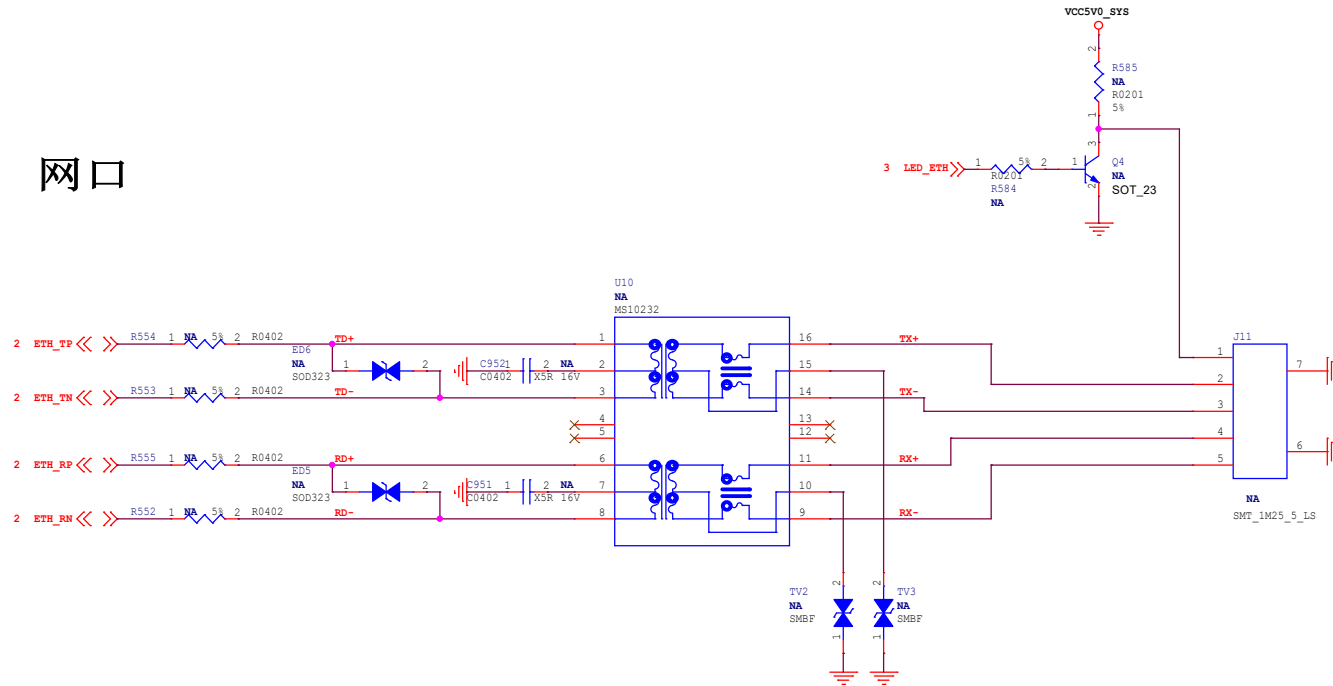
## USB ADB



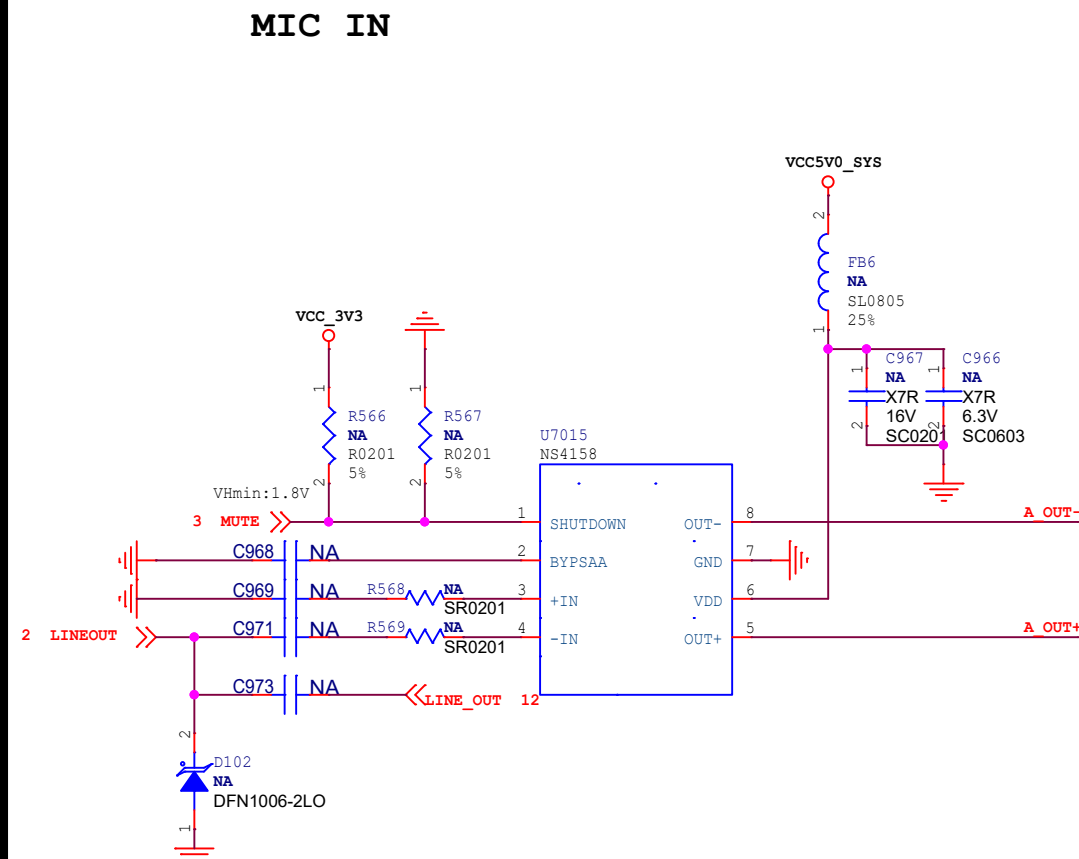
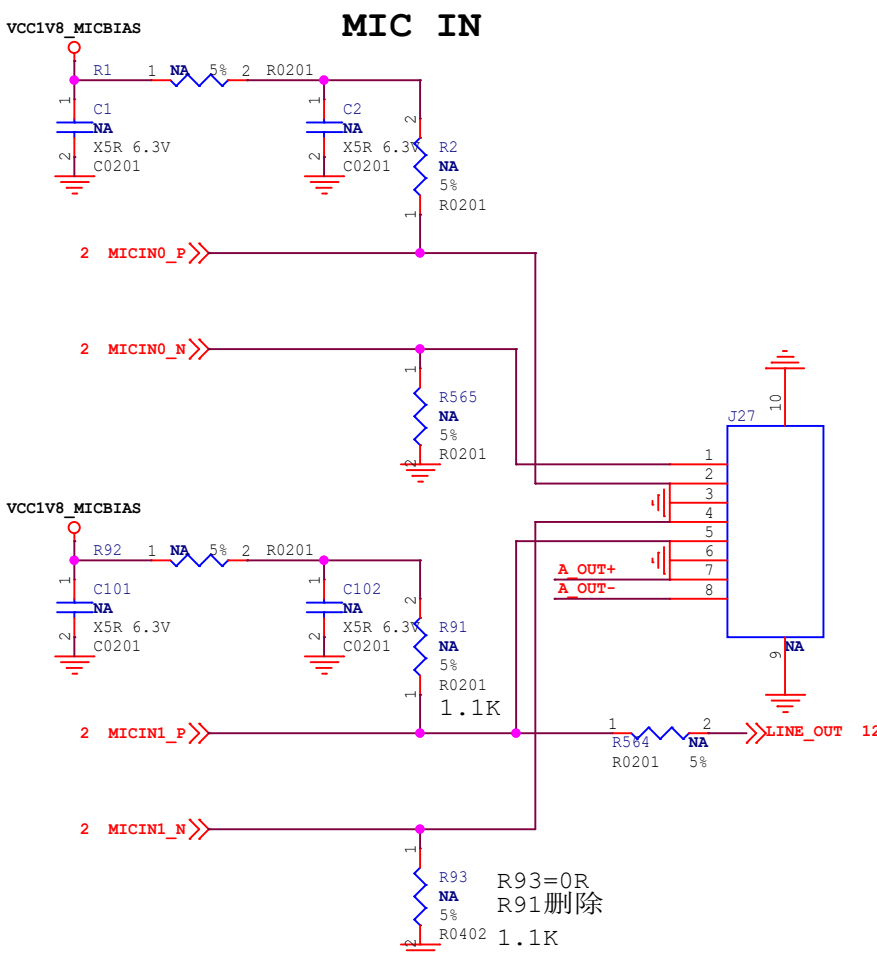
## UART TTL 115200bps



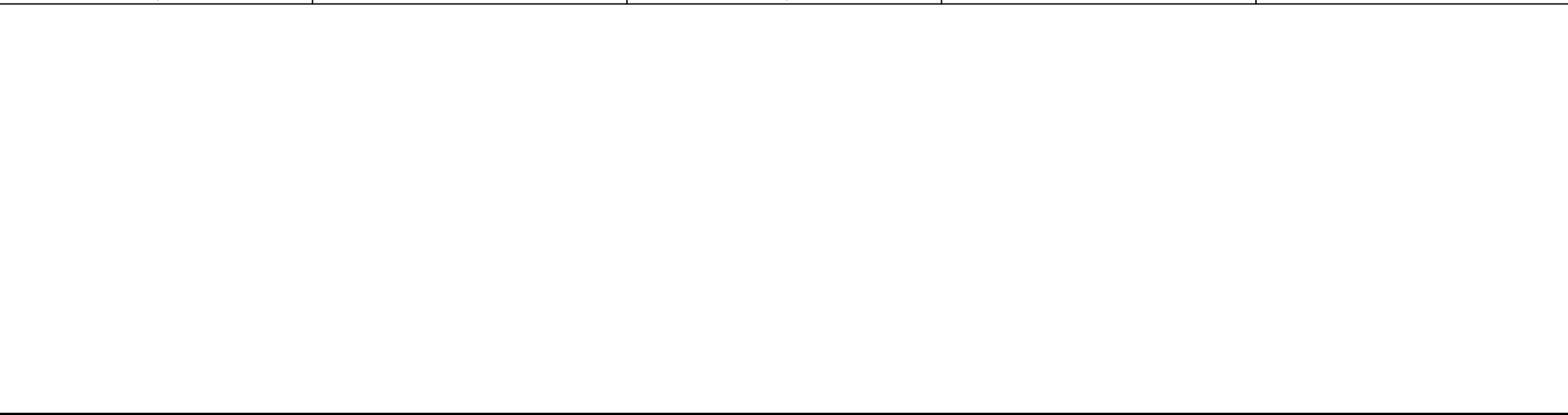
## 网口



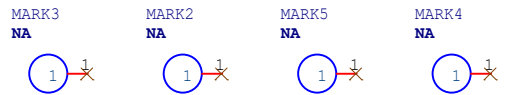
| HINLINK   |                             |        |            |
|-----------|-----------------------------|--------|------------|
| Project:  | RV1106_IPC38                | Rev:   | <Revision> |
| File:     | 11.USB-ETH                  |        |            |
| Date:     | Thursday, December 10, 2024 |        |            |
| Designer: | <designer>                  | Sheet: | 11 of 14   |



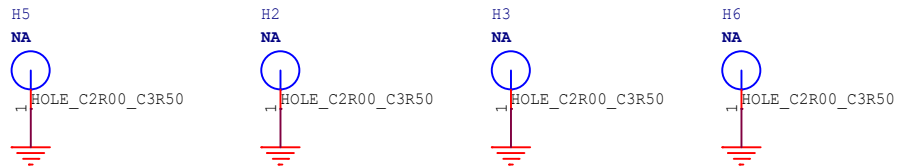




MARK



Hold



| HINLINK   |                             |                                                                                                              |            |
|-----------|-----------------------------|--------------------------------------------------------------------------------------------------------------|------------|
| Project:  | RV1106_IPC38                | <div><br/>HINLINK</div> |            |
| File:     | 14.Mark/Hole                |                                                                                                              |            |
| Date:     | Thursday, December 19, 2024 | Rev:                                                                                                         | <Revision> |
| Designer: | <designer>                  | Sheet:                                                                                                       | 14 of 14   |