

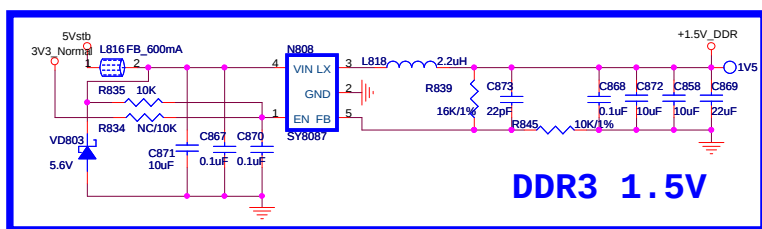
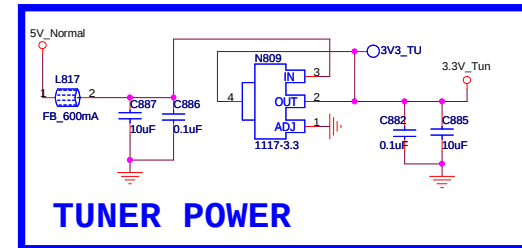
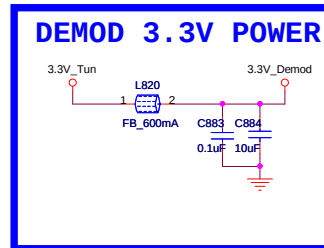
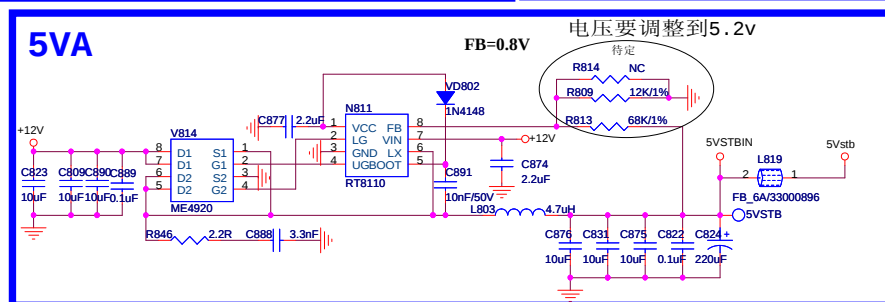
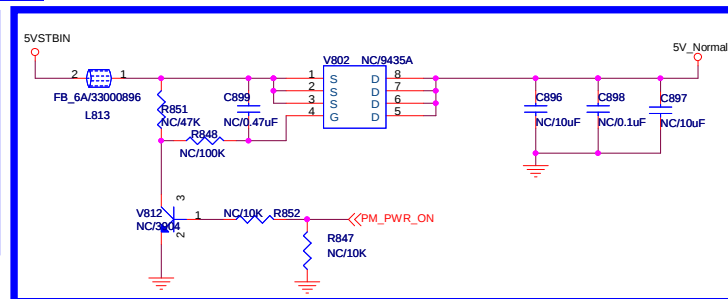
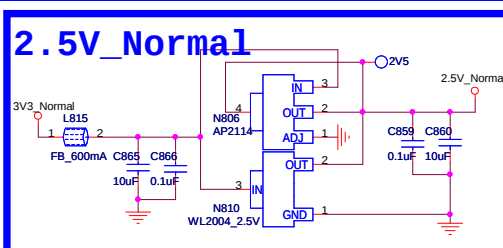
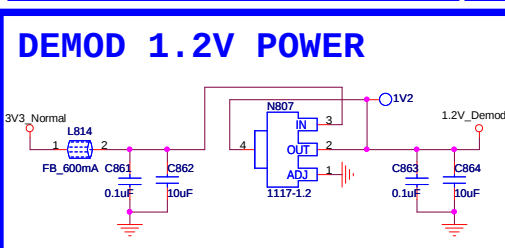
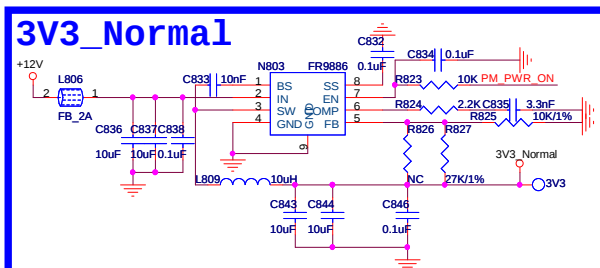
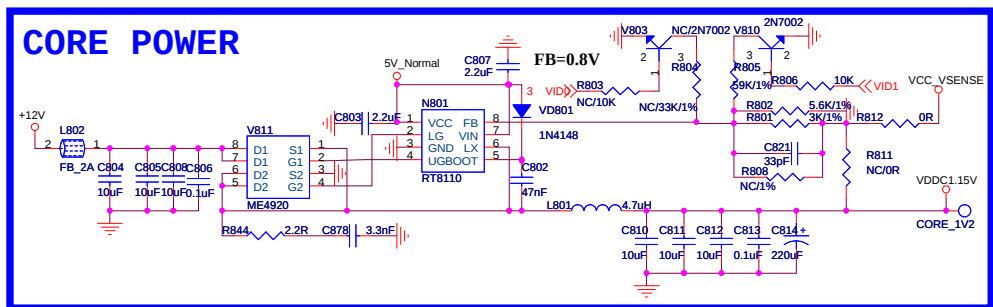
# KONKA DTV SCH Design

## KDL42XS715AN

拟制:

标准化:

批准:

[illegible]

[illegible]

3V3\_Normal

AD9229

R559 NC PWM\_PM

R562 4.7K

R558 NC

R559 NC US\_OUT\_WS

R564 4.7K US\_OUT\_BCK

R559 4.7K

R567 NC US\_OUT\_MCK

R559 NC

R569 4.7K CPG\_PWM1

R474 4.7K CPG\_PWM2

AD9224

R477 4.7K

R478 NC4.7K

R474 NC

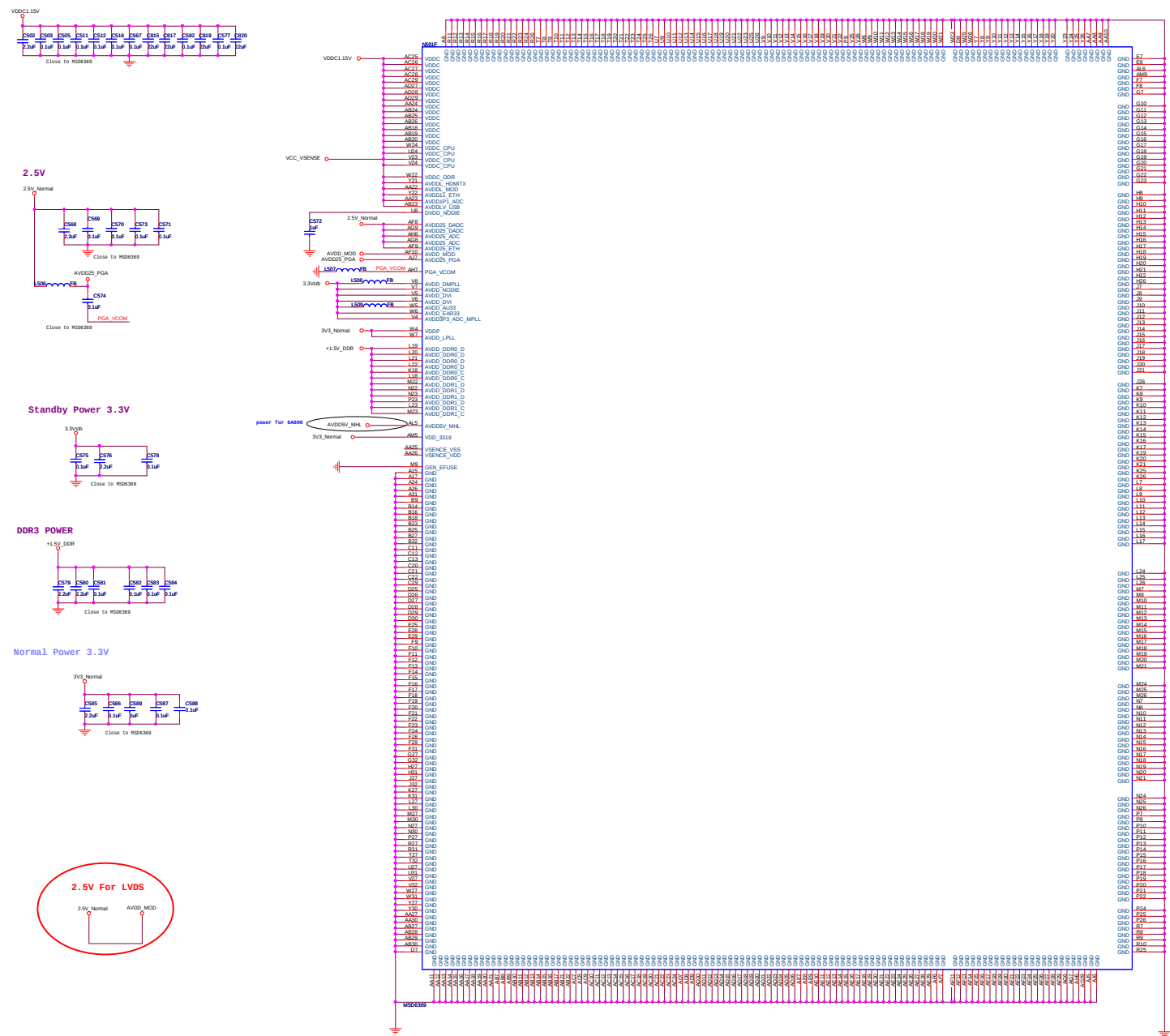
3.3Vdd

SPI\_SDI

| N501D |                | PMM |      | SAR |      | SPI |  | GPIOA |  |
|-------|----------------|-----|------|-----|------|-----|--|-------|--|
| B7    | PWM0           | ADP | AF31 | ADP | AF31 |     |  |       |  |
| B8    | PWM1           | ADP | AF30 | ADP | AF30 |     |  |       |  |
| C7    | PWM2           | ADP | AG31 | ADP | AG31 |     |  |       |  |
| C8    | PWM3           | ADP | AG30 | ADP | AG30 |     |  |       |  |
| D7    | PWM_PPM        | ADP | AH31 | ADP | AH31 |     |  |       |  |
| D8    |                | ADP | AH30 | ADP | AH30 |     |  |       |  |
| L6    | SAR0           | ADP | AD31 | ADP | AD31 |     |  |       |  |
| L7    | SAR1           | ADP | AD30 | ADP | AD30 |     |  |       |  |
| L8    | SAR2           | ADP | AL31 | ADP | AL31 |     |  |       |  |
| L9    | SAR3           | ADP | AL30 | ADP | AL30 |     |  |       |  |
| L10   | SAR4           | ADP | AL31 | ADP | AL31 |     |  |       |  |
| L11   | SAR5           | ADP | AL30 | ADP | AL30 |     |  |       |  |
| C1    | PM_SPI_CK      | ADP | AM31 | ADP | AM31 |     |  |       |  |
| D1    | PM_SPI_DI      | ADP | AM30 | ADP | AM30 |     |  |       |  |
| D2    | PM_SPI_DO      | ADP | AN31 | ADP | AN31 |     |  |       |  |
| E4    | PM_SPI_CS1PM0  | ADP | AN30 | ADP | AN30 |     |  |       |  |
| F4    | PM_SPI_CS2PM3  | ADP | AP31 | ADP | AP31 |     |  |       |  |
| J6    | DOCA_DUART0_RX | ADP | BI31 | ADP | BI31 |     |  |       |  |
| J7    | DOCA_DUART0_TX | ADP | BI30 | ADP | BI30 |     |  |       |  |
| J8    |                | ADP | BM31 | ADP | BM31 |     |  |       |  |
| J9    |                | ADP | BM30 | ADP | BM30 |     |  |       |  |
| F5    | DOCR_CK        | ADP | BO31 | ADP | BO31 |     |  |       |  |
| F6    | DOCR_DI        | ADP | BO30 | ADP | BO30 |     |  |       |  |
| B6    | PD04           | ADP | BA31 | ADP | BA31 |     |  |       |  |
| B7    | PD05           | ADP | BA30 | ADP | BA30 |     |  |       |  |
| B8    | PD02           | ADP | BB31 | ADP | BB31 |     |  |       |  |
| B9    |                | ADP | BB30 | ADP | BB30 |     |  |       |  |
| K1    | GPIO_P0        | ADP | AB31 | ADP | AB31 |     |  |       |  |
| K2    | GPIO_P1        | ADP | AC31 | ADP | AC31 |     |  |       |  |
| K3    | GPIO_P2        | ADP | AC30 | ADP | AC30 |     |  |       |  |
| K4    | GPIO_P3        | ADP | AD31 | ADP | AD31 |     |  |       |  |
| K5    | GPIO_P4        | ADP | AD30 | ADP | AD30 |     |  |       |  |
| K6    | GPIO_P5        | ADP | AE31 | ADP | AE31 |     |  |       |  |
| K7    | GPIO_P6        | ADP | AE30 | ADP | AE30 |     |  |       |  |
| K8    | GPIO_P7        | ADP | AF31 | ADP | AF31 |     |  |       |  |
| K9    | GPIO_P8        | ADP | AF30 | ADP | AF30 |     |  |       |  |
| L1    | GPIO_P9        | ADP | AG31 | ADP | AG31 |     |  |       |  |
| L2    | GPIO_P10       | ADP | AG30 | ADP | AG30 |     |  |       |  |
| L3    | GPIO_P11       | ADP | AH31 | ADP | AH31 |     |  |       |  |
| L4    | GPIO_P12       | ADP | AH30 | ADP | AH30 |     |  |       |  |
| L5    | GPIO_P13       | ADP | AI31 | ADP | AI31 |     |  |       |  |
| L6    | GPIO_P14       | ADP | AI30 | ADP | AI30 |     |  |       |  |
| L7    | GPIO_P15       | ADP | AL31 | ADP | AL31 |     |  |       |  |
| L8    | GPIO_P16       | ADP | AL30 | ADP | AL30 |     |  |       |  |
| L9    | GPIO_P17       | ADP | AM31 | ADP | AM31 |     |  |       |  |
| L10   | GPIO_P18       | ADP | AM30 | ADP | AM30 |     |  |       |  |
| L11   | GPIO_P19       | ADP | AN31 | ADP | AN31 |     |  |       |  |
| L12   | GPIO_P20       | ADP | AN30 | ADP | AN30 |     |  |       |  |
| L13   | GPIO_P21       | ADP | AP31 | ADP | AP31 |     |  |       |  |
| L14   | GPIO_P22       | ADP | AP30 | ADP | AP30 |     |  |       |  |
| L15   | GPIO_P23       | ADP | BI31 | ADP | BI31 |     |  |       |  |
| L16   | GPIO_P24       | ADP | BI30 | ADP | BI30 |     |  |       |  |

|      |      |    |    |  |    |                        |  |
|------|------|----|----|--|----|------------------------|--|
|      |      |    |    |  | 拟制 |                        |  |
|      |      |    |    |  | 审核 | 02.MSD6369(RGB/C/HDMI) |  |
|      |      |    |    |  |    |                        |  |
| 标记数量 | 更改前总 | 签名 | 日期 |  |    | 第 3 页                  |  |

Power interface

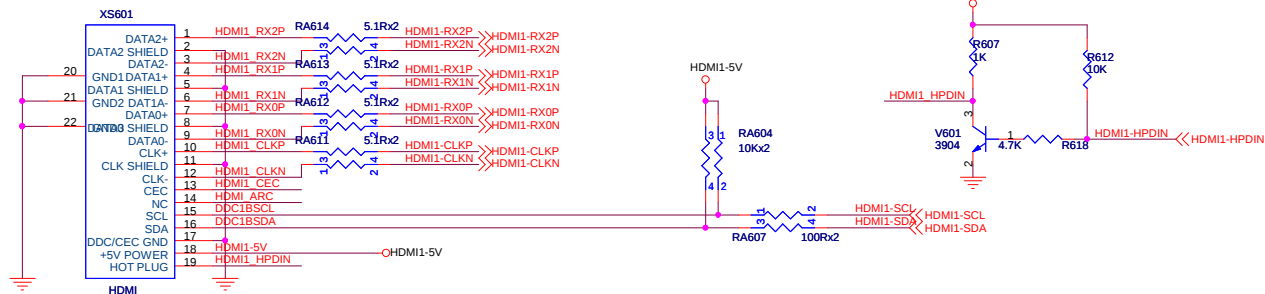


|    |    |      |    |    |  |                       |
|----|----|------|----|----|--|-----------------------|
|    |    |      |    | 报制 |  |                       |
|    |    |      |    | 审核 |  | 03.MSD6369(POWER/GND) |
| 标记 | 数量 | 更改单号 | 签名 | 日期 |  | 第 3 张                 |



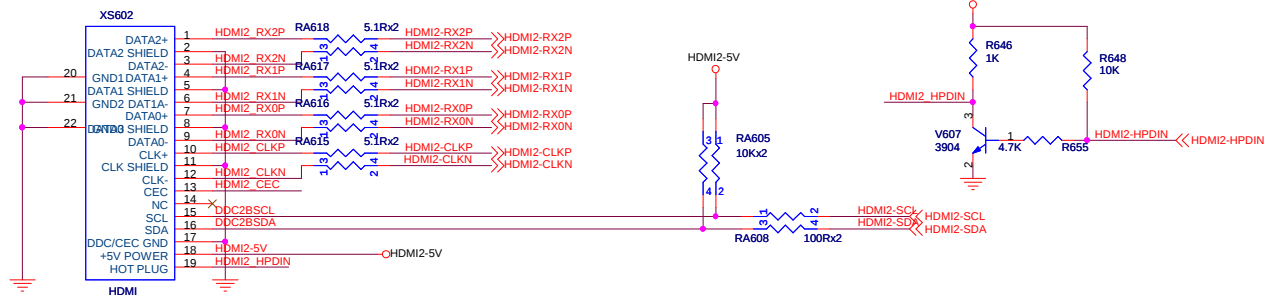


## 2st HDMI & ARC

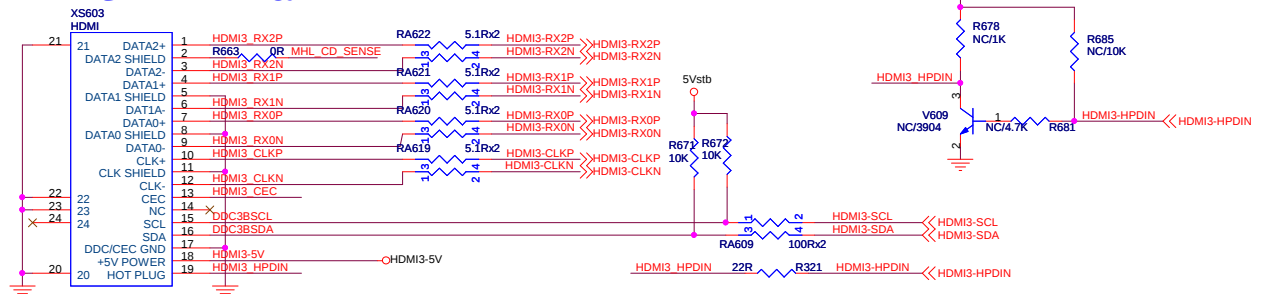


## Hot-Plug Control

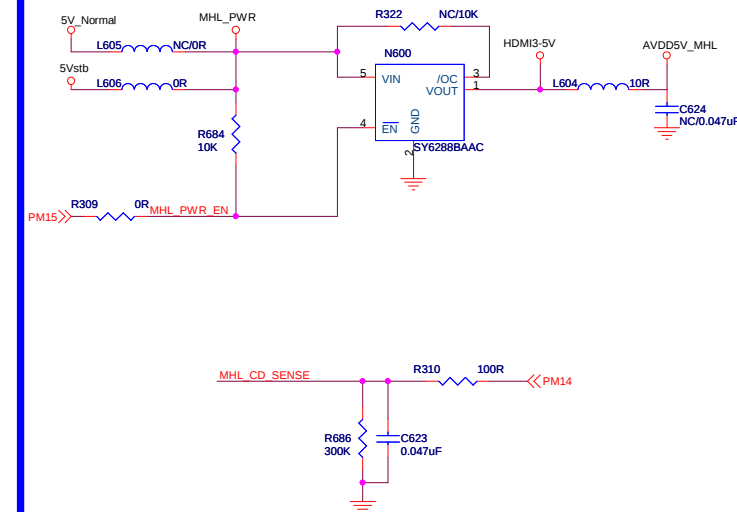
## 3rd HDMI



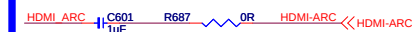
## 1th HDMI & MHL



## MHL for MSD6369



## ARC



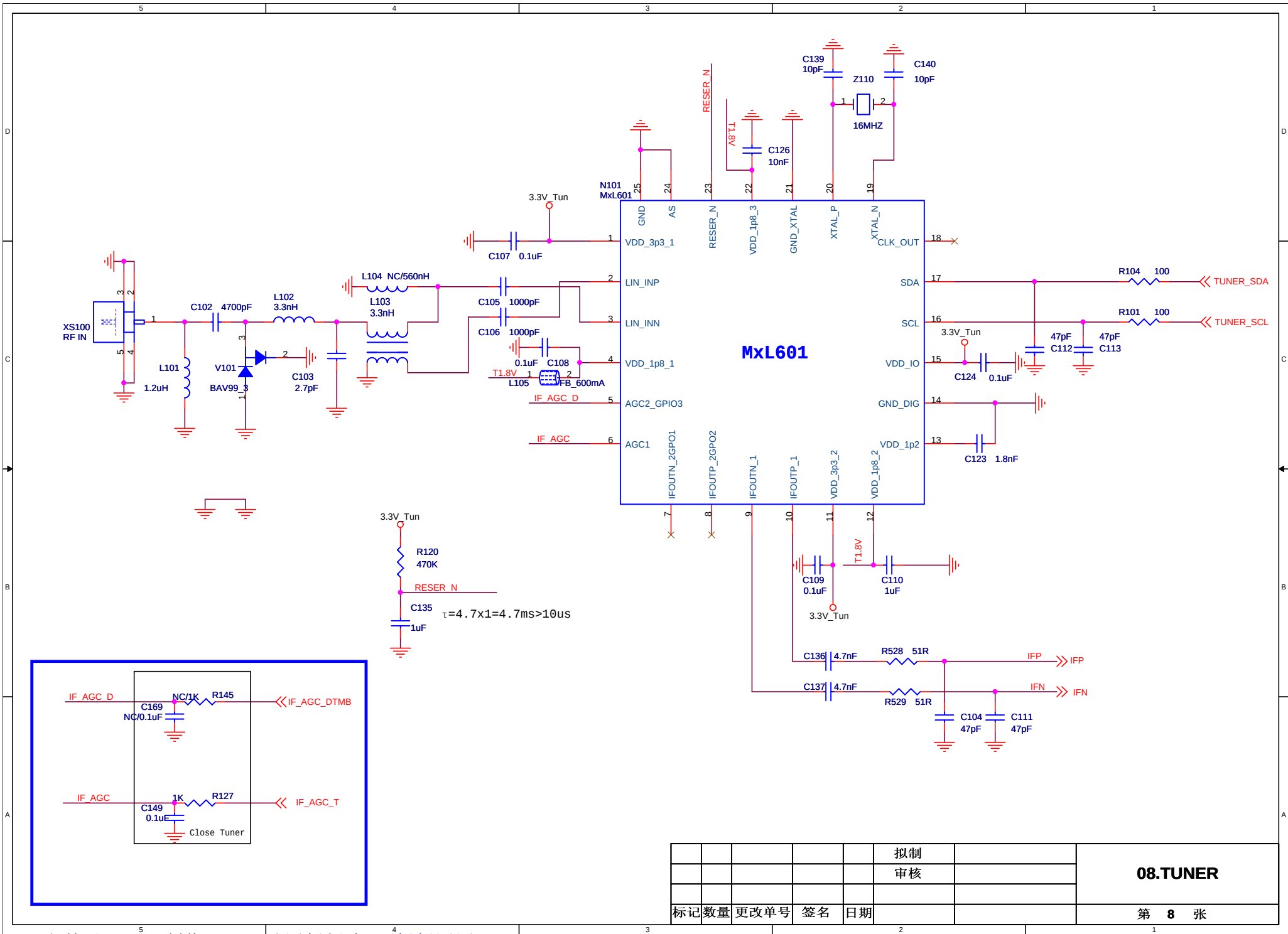
## For CEC



## To MST IC

|    |    |      |    |    |    |  |         |
|----|----|------|----|----|----|--|---------|
|    |    |      |    |    | 拟制 |  | 06.HDMI |
|    |    |      |    |    | 审核 |  |         |
| 标记 | 数量 | 更改单号 | 签名 | 日期 |    |  | 第 6 张   |

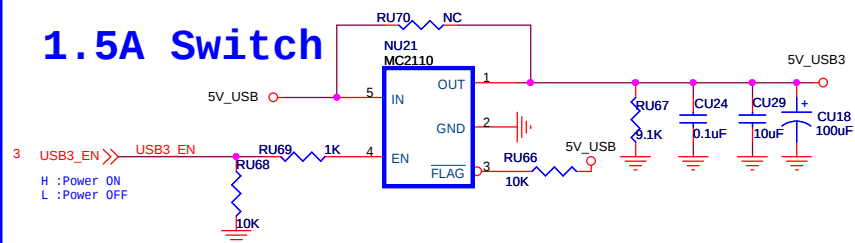




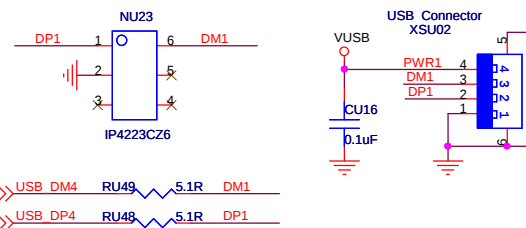
## USB POWER



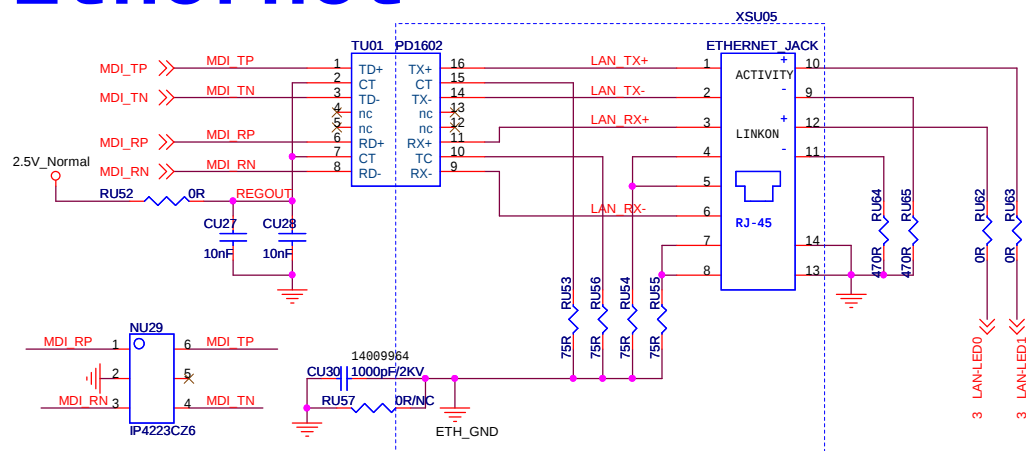
## 1.5A Switch



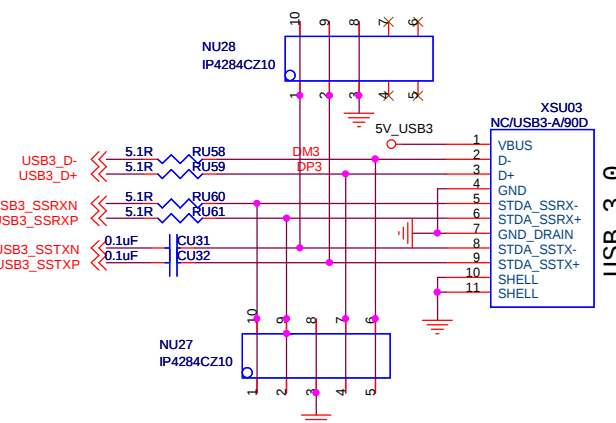
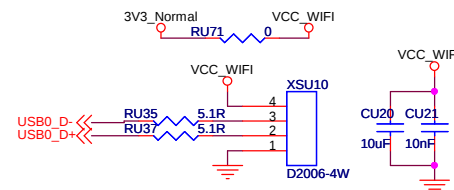
**Note: 电容靠近USB(XSU04)端子,提供usb读写稳定性**



# Ethernet

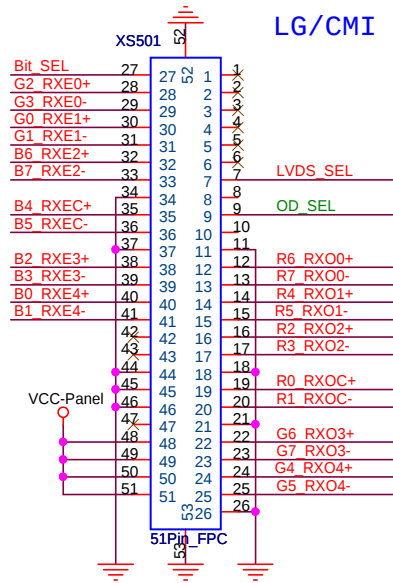


## Wifi

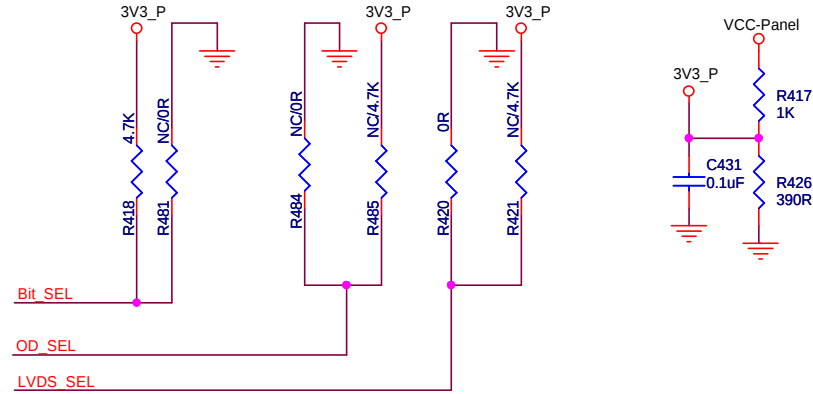
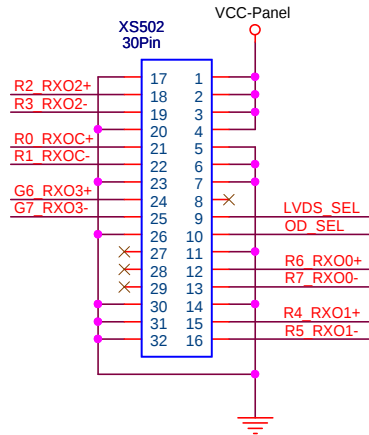


|    |    |      |    |    |    |  |                   |
|----|----|------|----|----|----|--|-------------------|
|    |    |      |    |    | 拟制 |  | 09.USB & Ethernet |
|    |    |      |    |    | 审核 |  |                   |
|    |    |      |    |    |    |  |                   |
| 标记 | 数量 | 更改单号 | 签名 | 日期 |    |  | 第 9 张             |

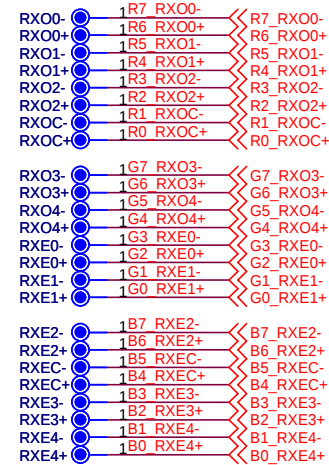
# FULL HD FFC



# HD FFC

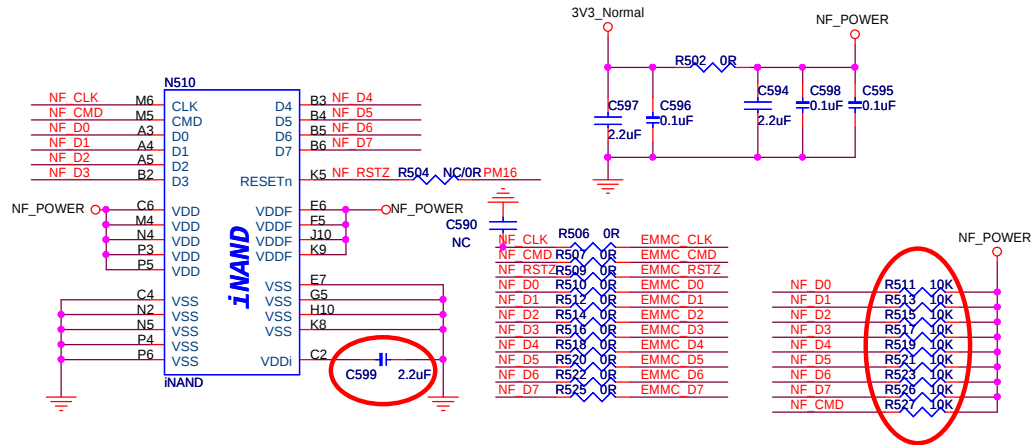


# Net to other page

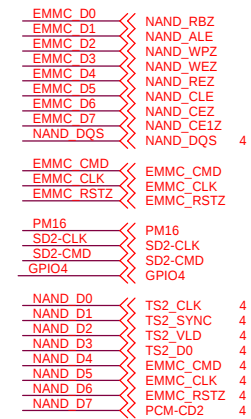


|    |    |      |    |    |    |  |         |
|----|----|------|----|----|----|--|---------|
|    |    |      |    |    | 拟制 |  | 10.LVDS |
|    |    |      |    |    | 审核 |  |         |
|    |    |      |    |    |    |  |         |
| 标记 | 数量 | 更改单号 | 签名 | 日期 |    |  | 第 10 张  |

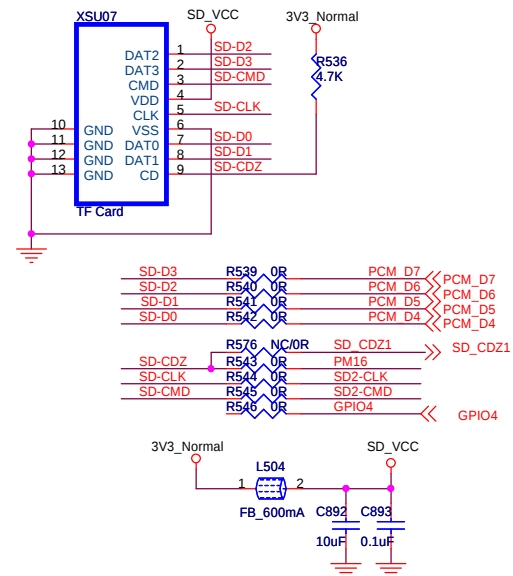
# iNAND FLASH



# Net



# TF Socket



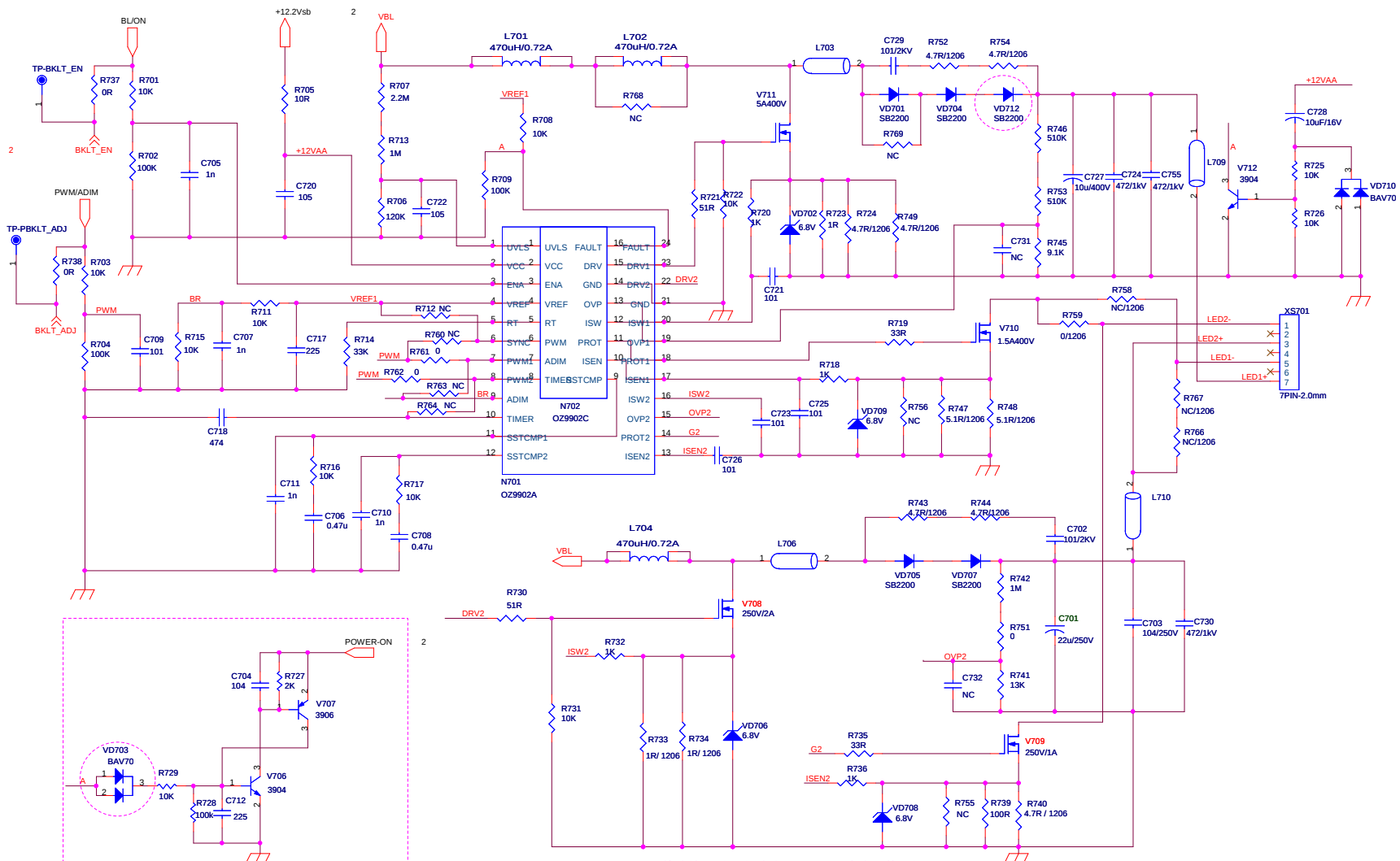
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|----|----|------|----|----|----|--|
|    |    |      |    |    | 拟制 |  |
|    |    |      |    |    | 审核 |  |
|    |    |      |    |    |    |  |
| 标记 | 数量 | 更改单号 | 签名 | 日期 |    |  |

13.NAND FLASH/SD

第 13 张







未接灯条或灯故障，电源待机保护。

单路输出时，芯片为OZ9902C，此路元件不焊。

|    |    |      |    |    |    |  |                     |
|----|----|------|----|----|----|--|---------------------|
|    |    |      |    |    | 拟制 |  | 16.Backlight Driver |
|    |    |      |    |    | 审核 |  |                     |
| 标记 | 数量 | 更改单号 | 签名 | 日期 |    |  | 第 16 张              |