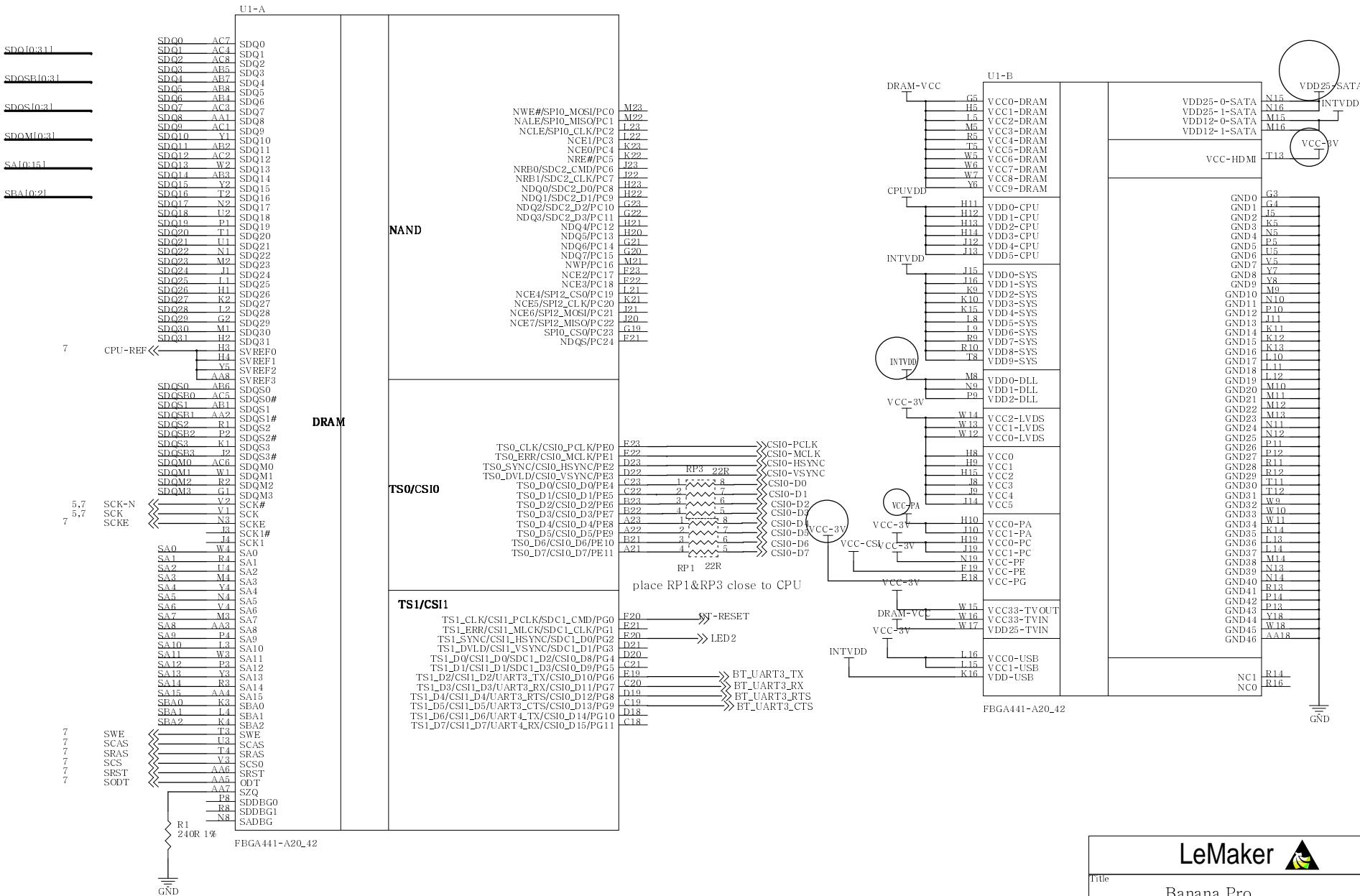


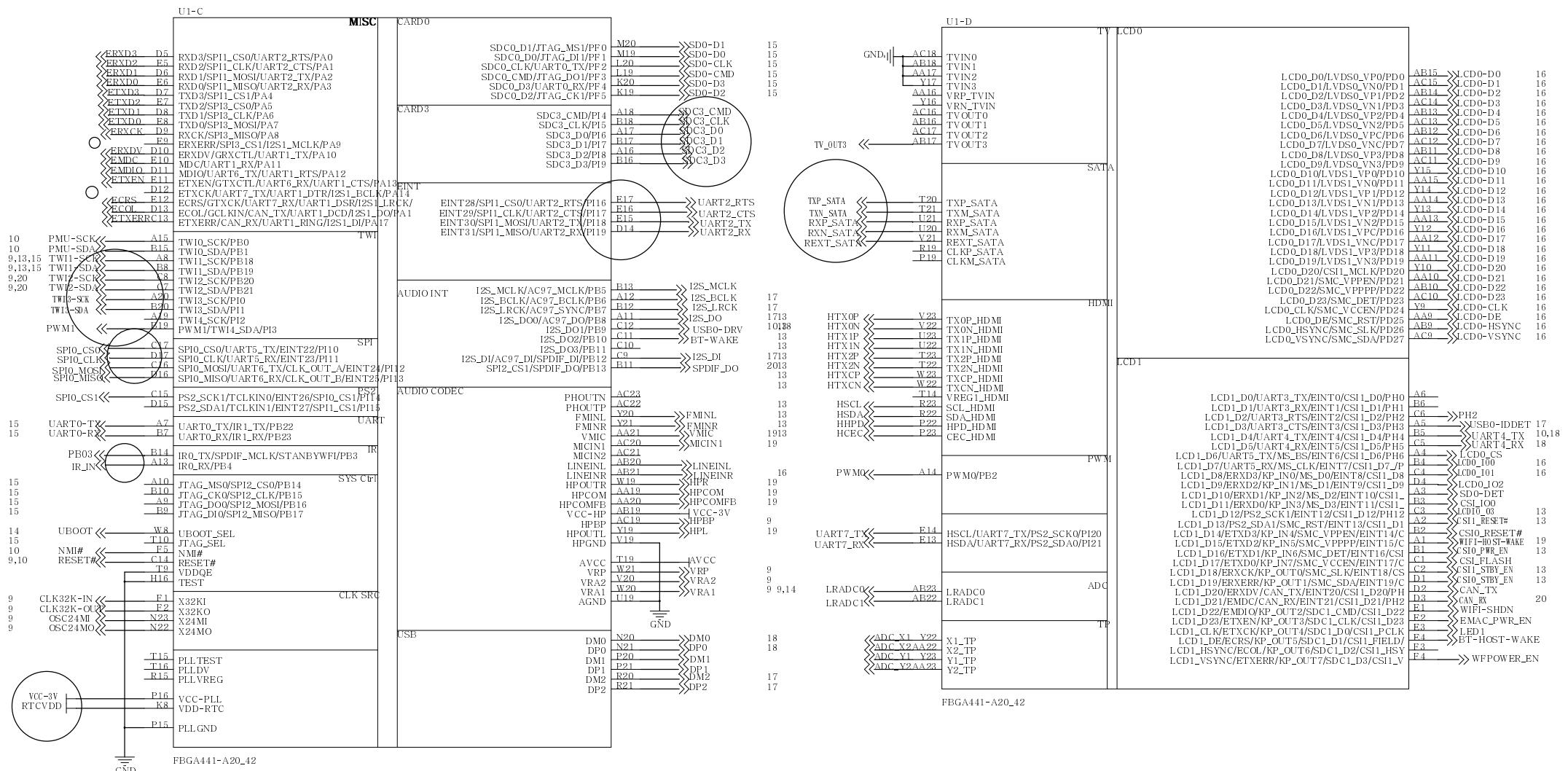
CPU1



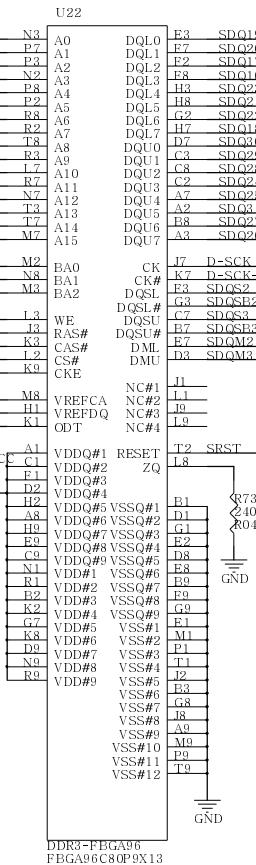
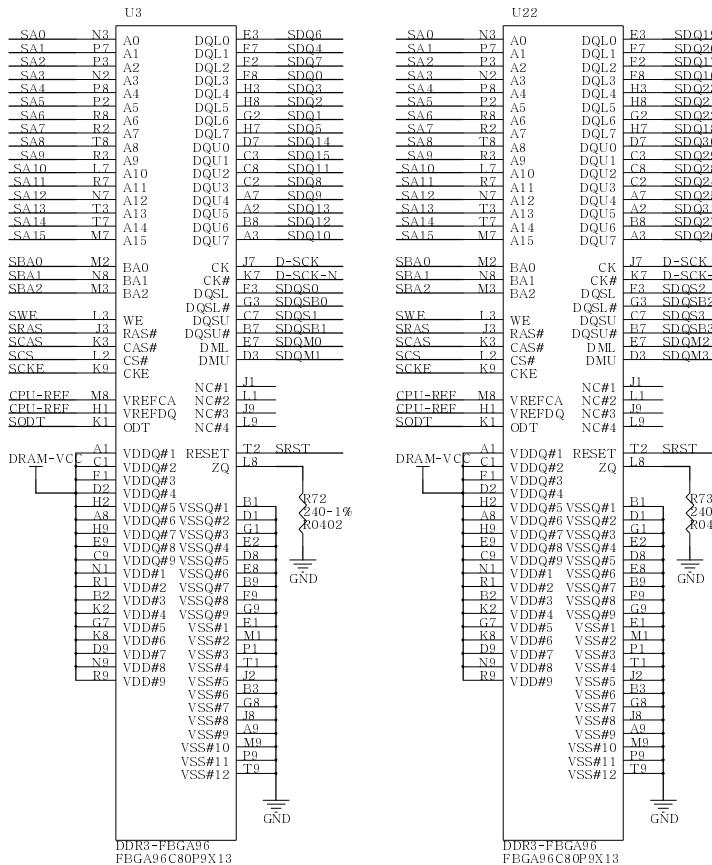
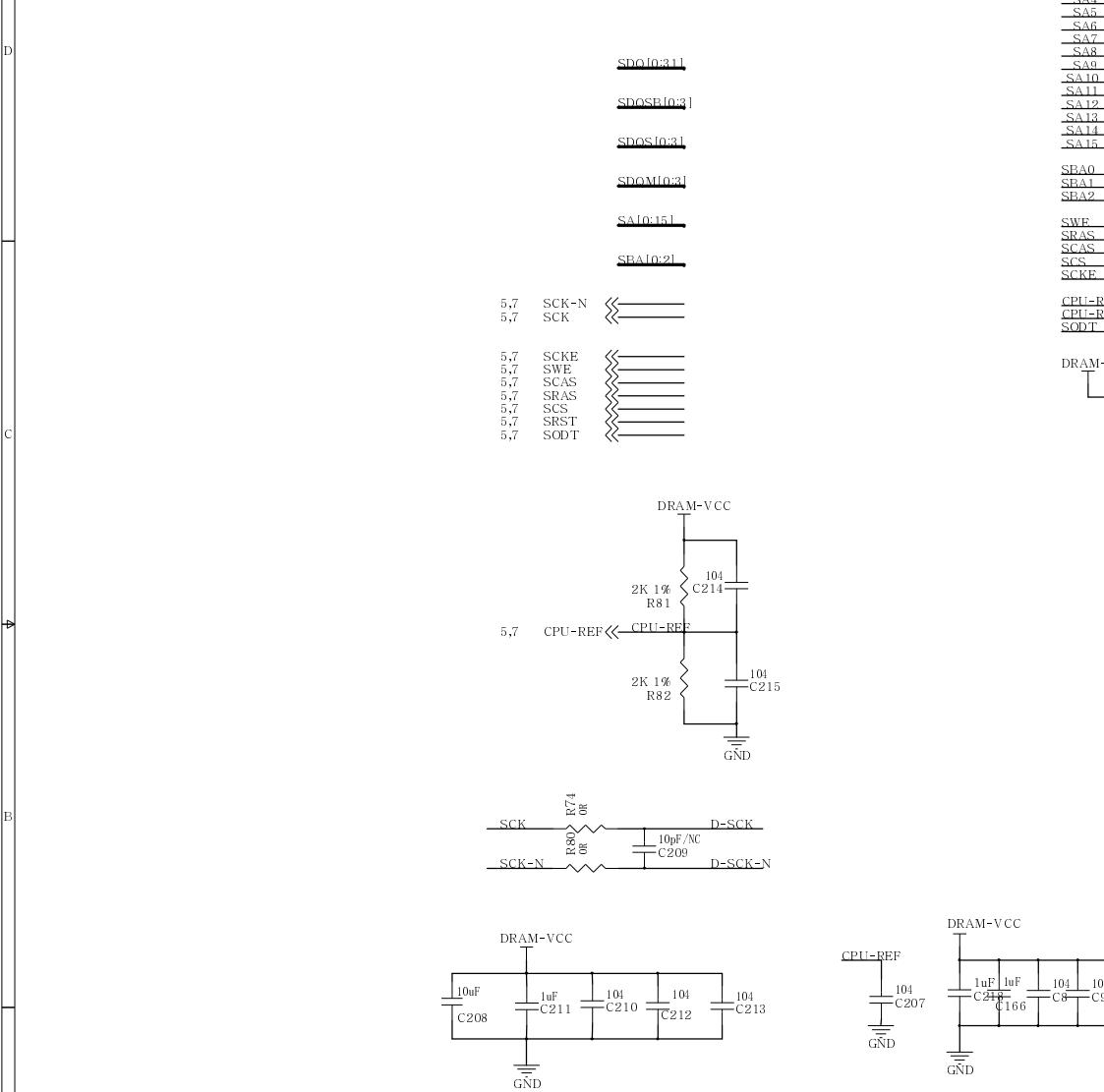
LeMaker

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CPU2

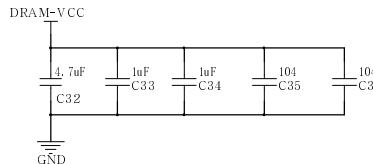


DDR3-16BITX2

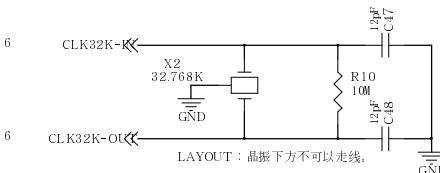
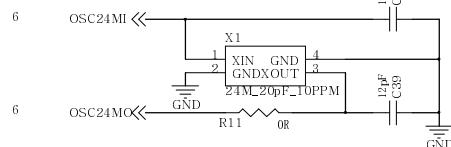


BESIDE CPU

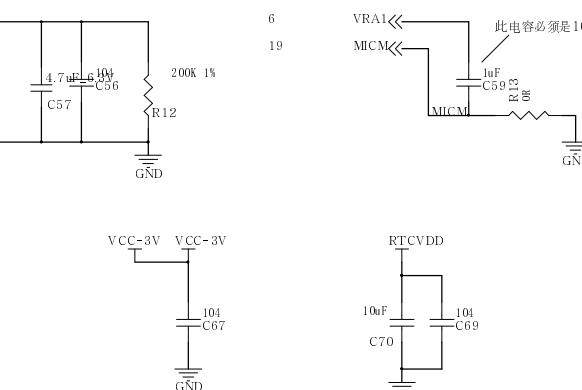
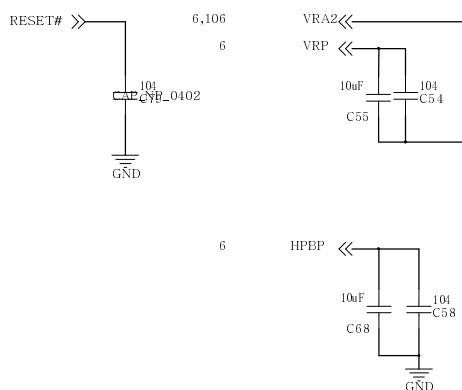
DRAM



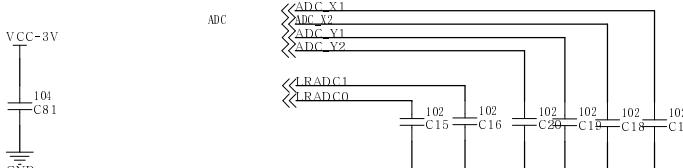
Crystal



AUDIO&SYS&TP



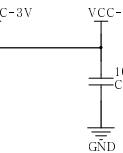
USB



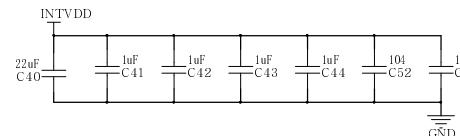
SATA



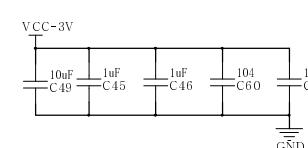
PLL



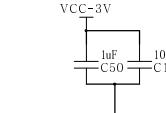
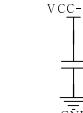
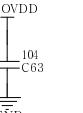
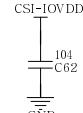
CORE



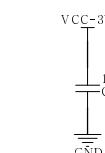
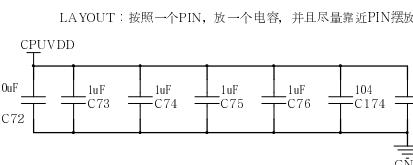
PIO-INTERFACE



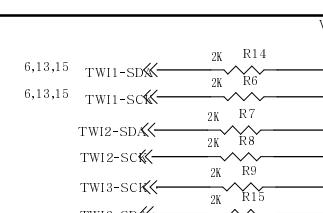
CSI-IOVDD



CPU&TV



TWI-PULLUP



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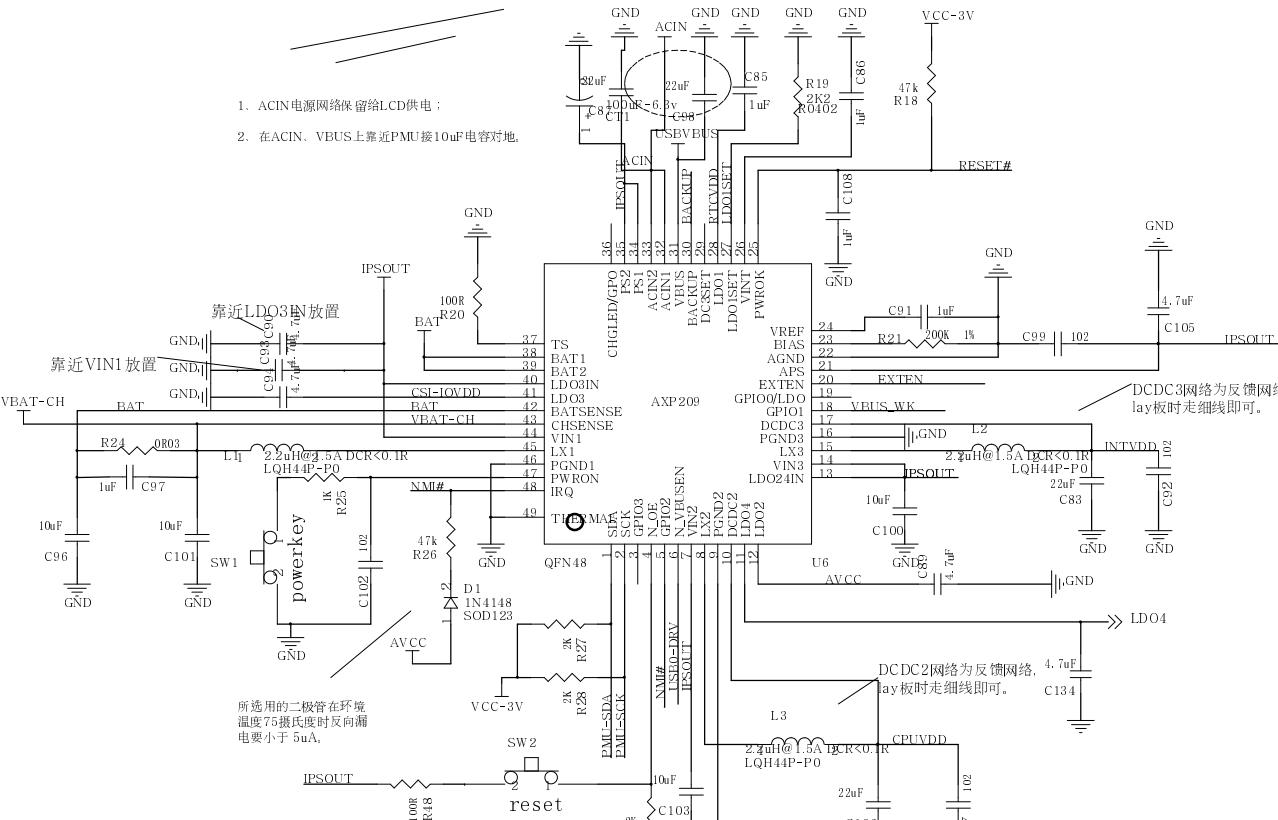
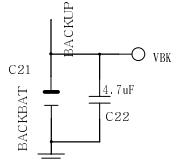
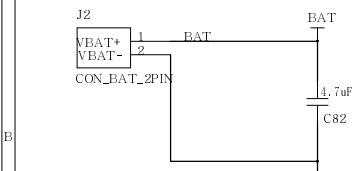
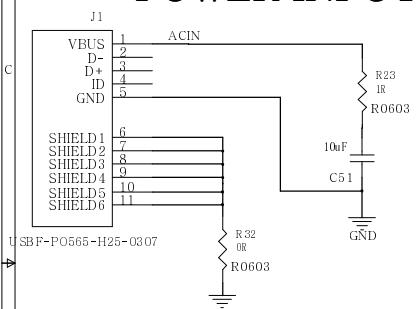
POWER-PMU

6 NMI# <> NMI#
 6 PMU-SDA <> PMU-SDA
 6 PMU-SCK <> PMU-SCK

6,18 USB0-DRV <> USB0-DRV
 11 EXLEN <> EXLEN
 6,9 RESET# <> RESET#
 18 USBVBUS <> USBVBUS

1. ACIN 电源网络保留给LCD供电；
 2. 在ACIN、VBUS上靠近PMU接10uF电容对地。

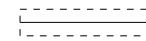
POWER INPUT



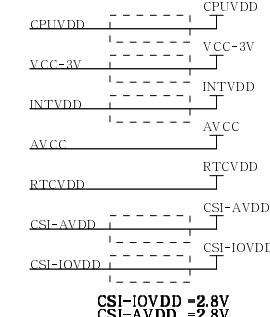
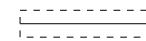
所选用的二极管在环境
温度75摄氏度时反向漏
电流要小于5uA。

备注：
对于电感尺寸有轻薄要求的，推荐使用乾坤的
PSE250201B-2R2MS，其体积为2.6x2.1平方毫米，
饱和电流为1.8A，直流阻抗为85毫欧。

POWER LINE:Width>=80mil

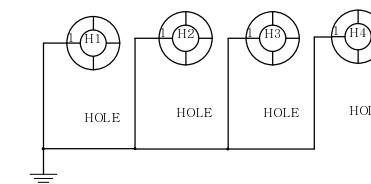
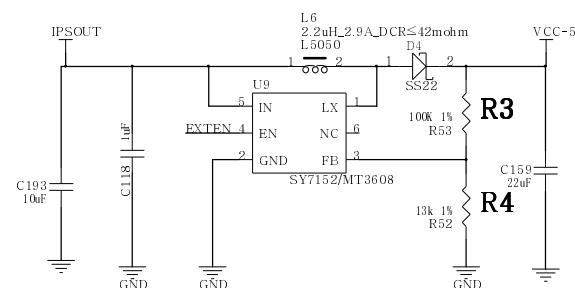
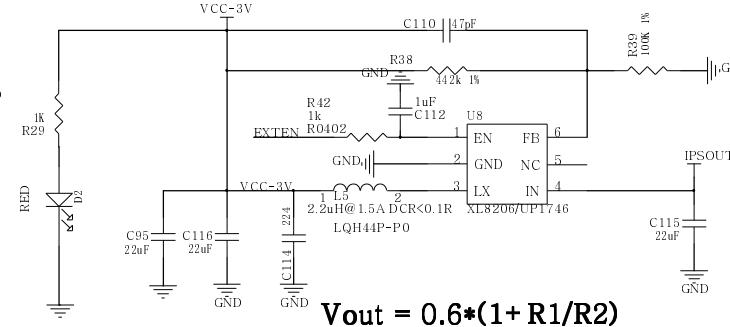
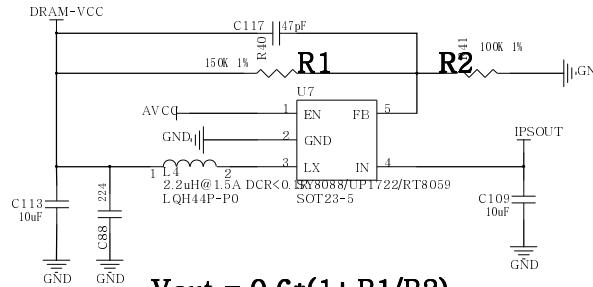


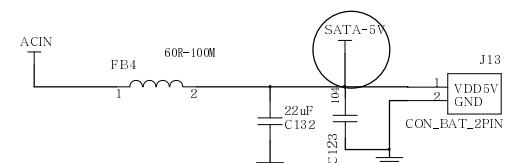
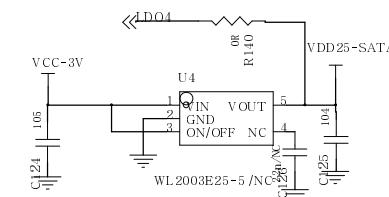
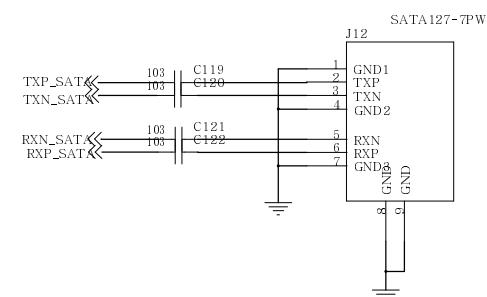
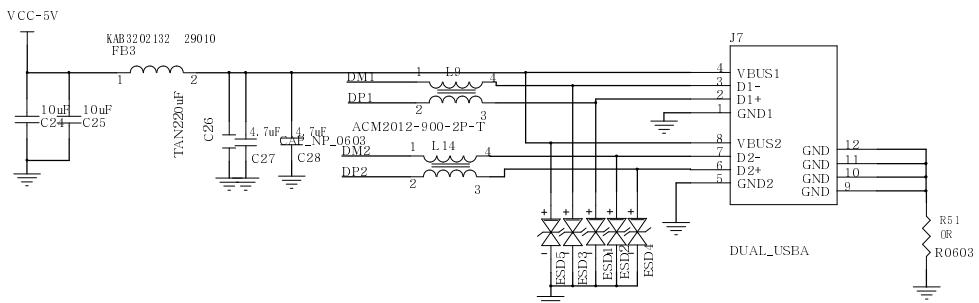
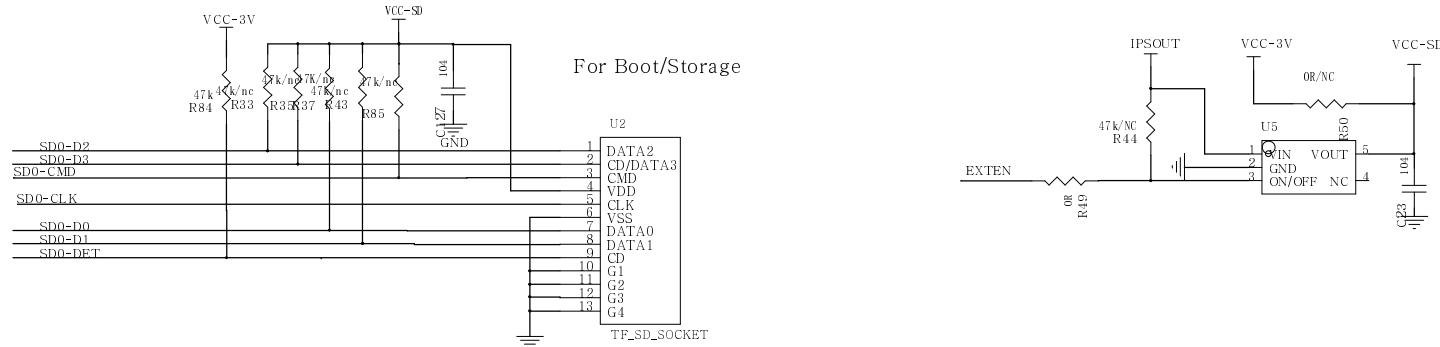
POWER LINE:Width>=40mil



POWER-DC/DC

EXTEN → EXLEN → 10

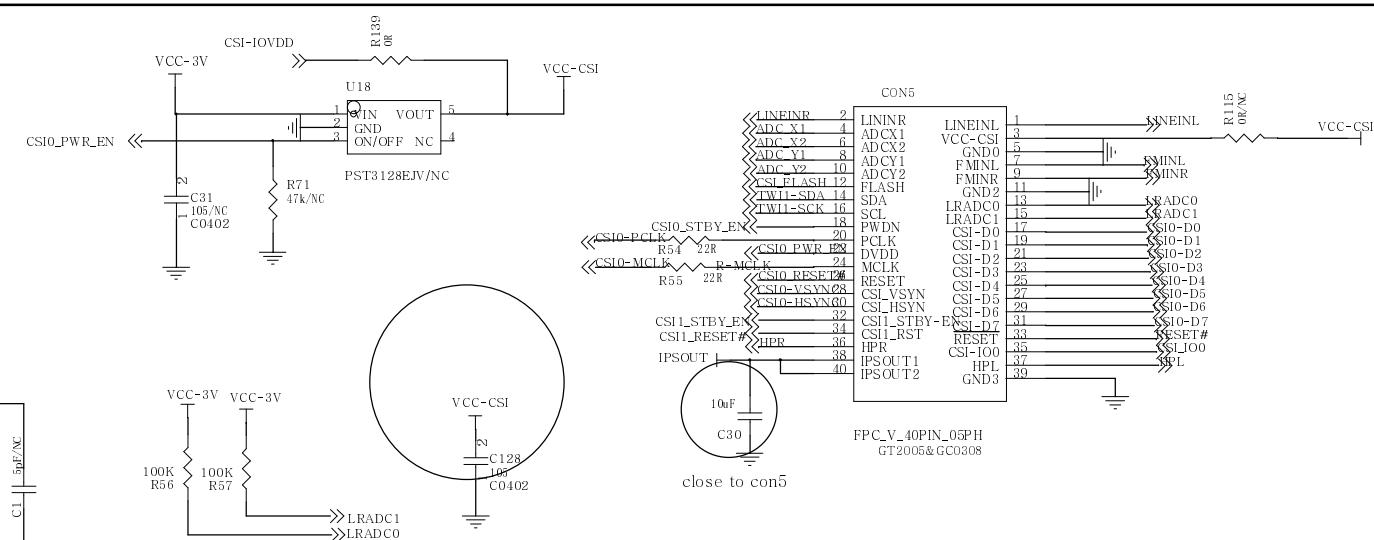
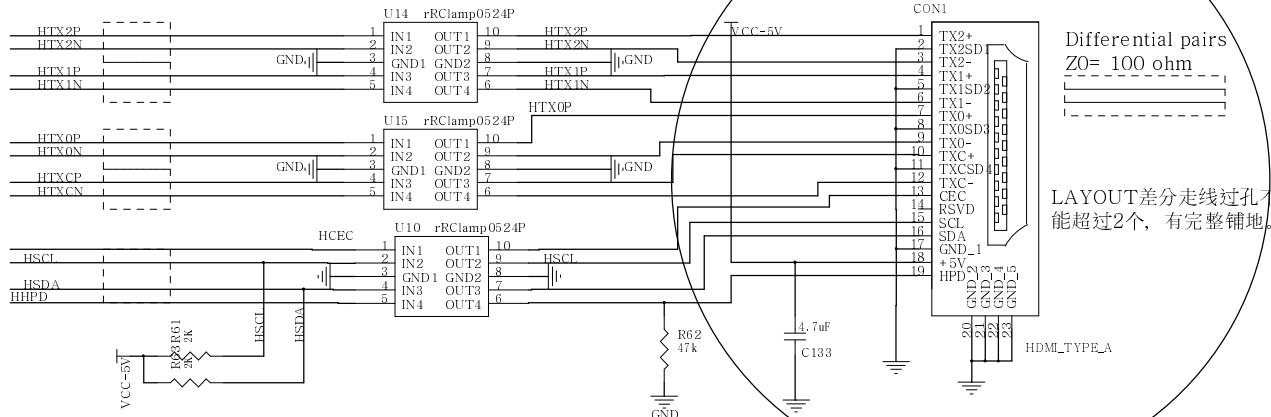




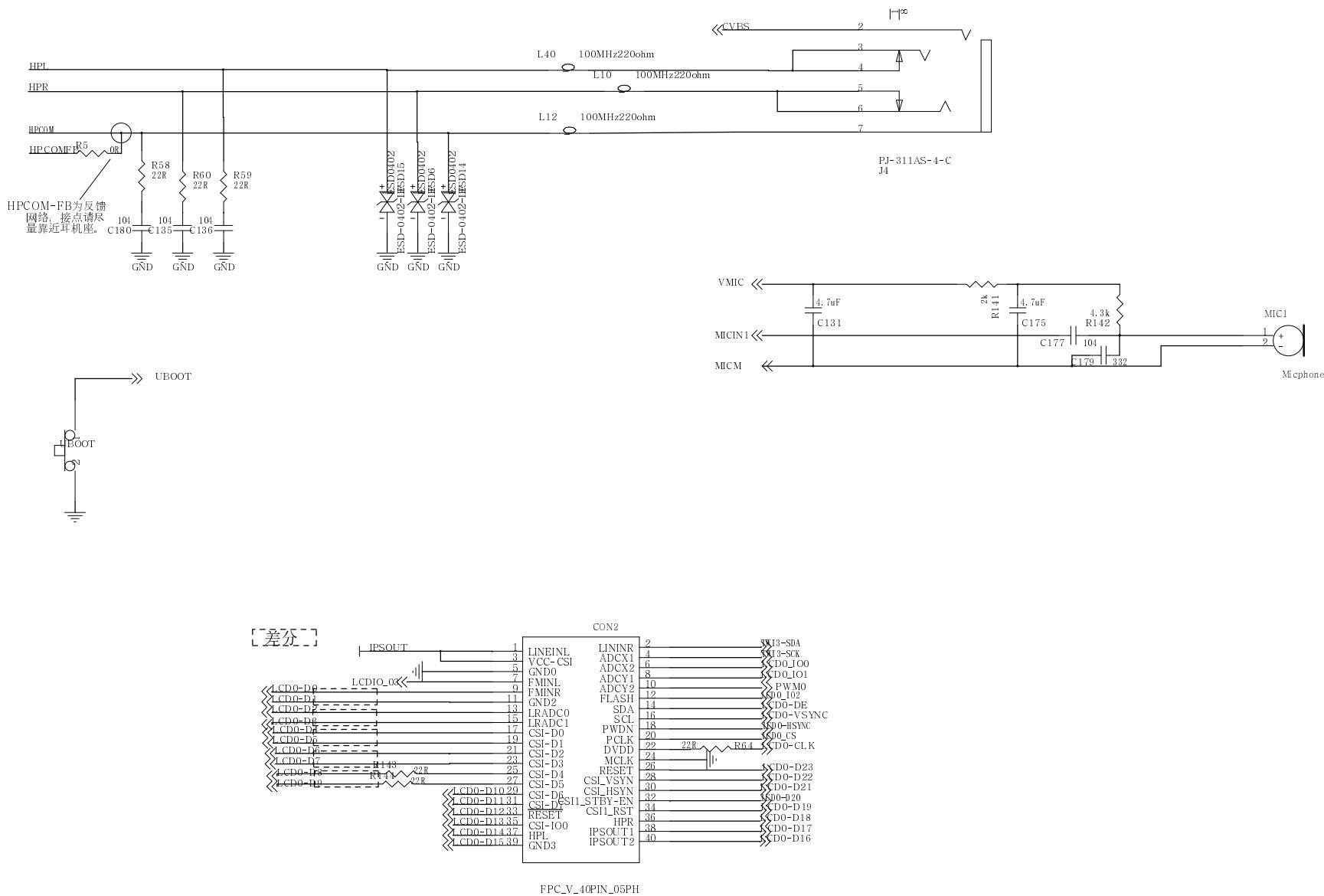
HDMI-CSI

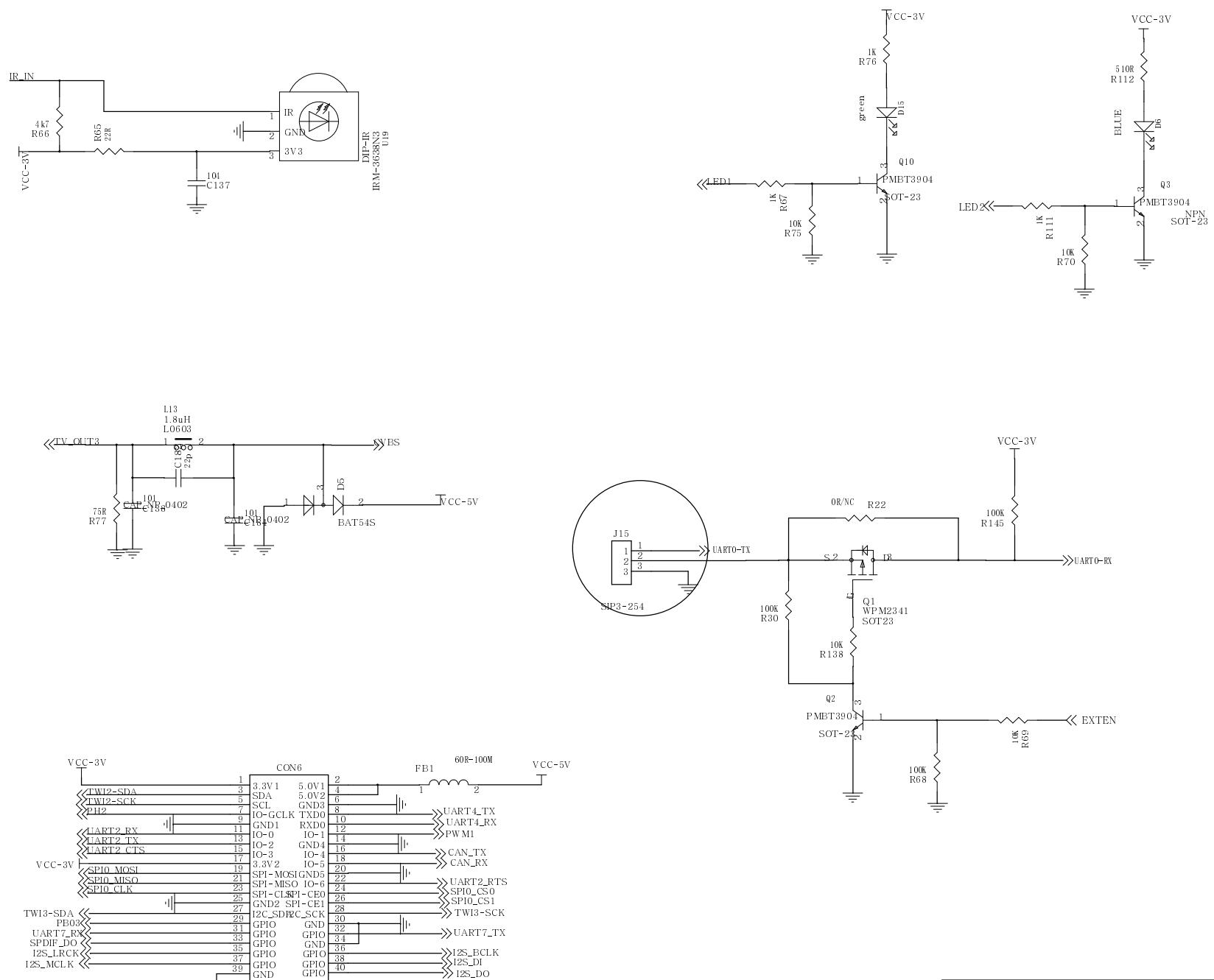
HDMI

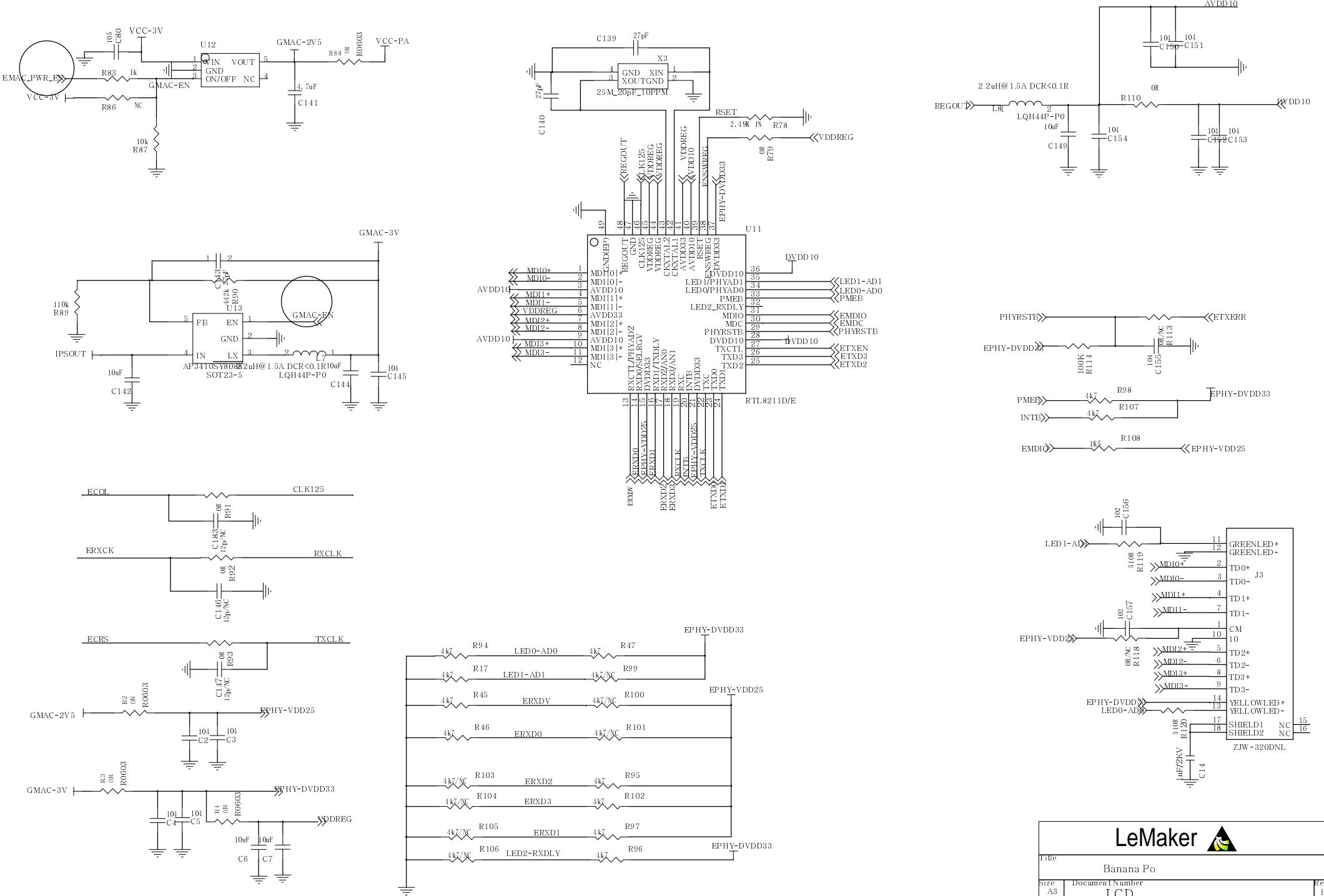
HTX0P
 HTX0N
 HTX0N
 HTX1P
 HTX1N
 HTX1N
 HTX2P
 HTX2N
 HTX2N
 HTXCN
 HTXCN
 HTXCN
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 HSCL
 HSCL
 HSCL
 HSDA
 HSDA
 HSDA
 HHPD
 HHPD
 HHPD



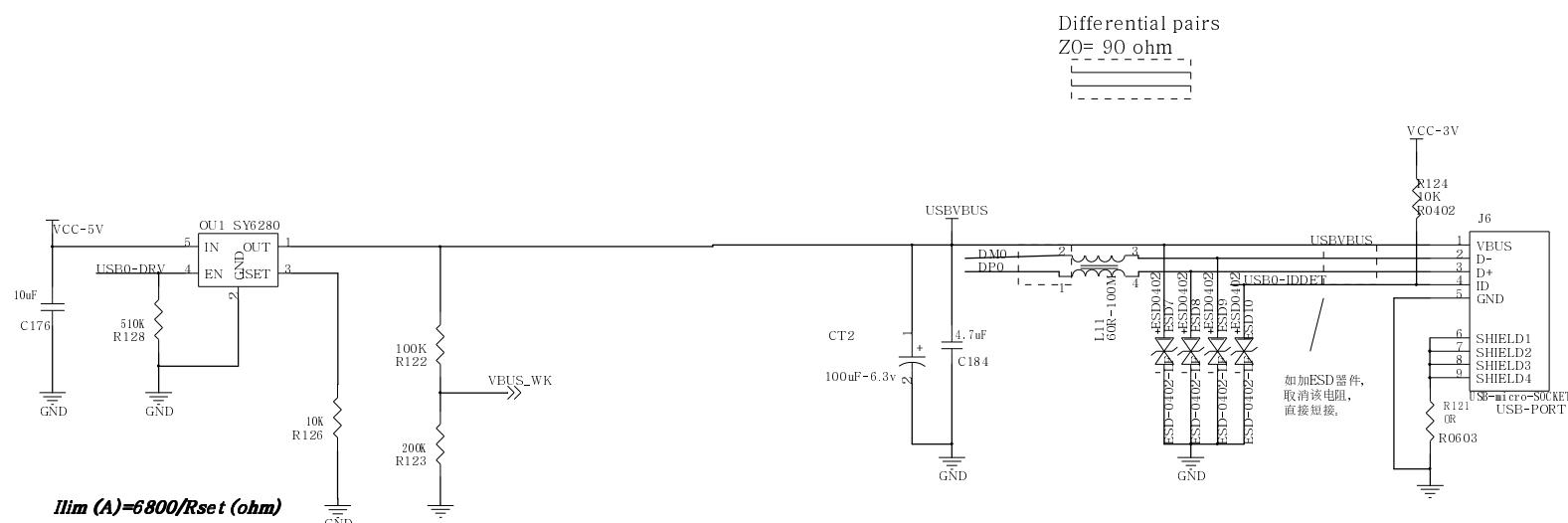
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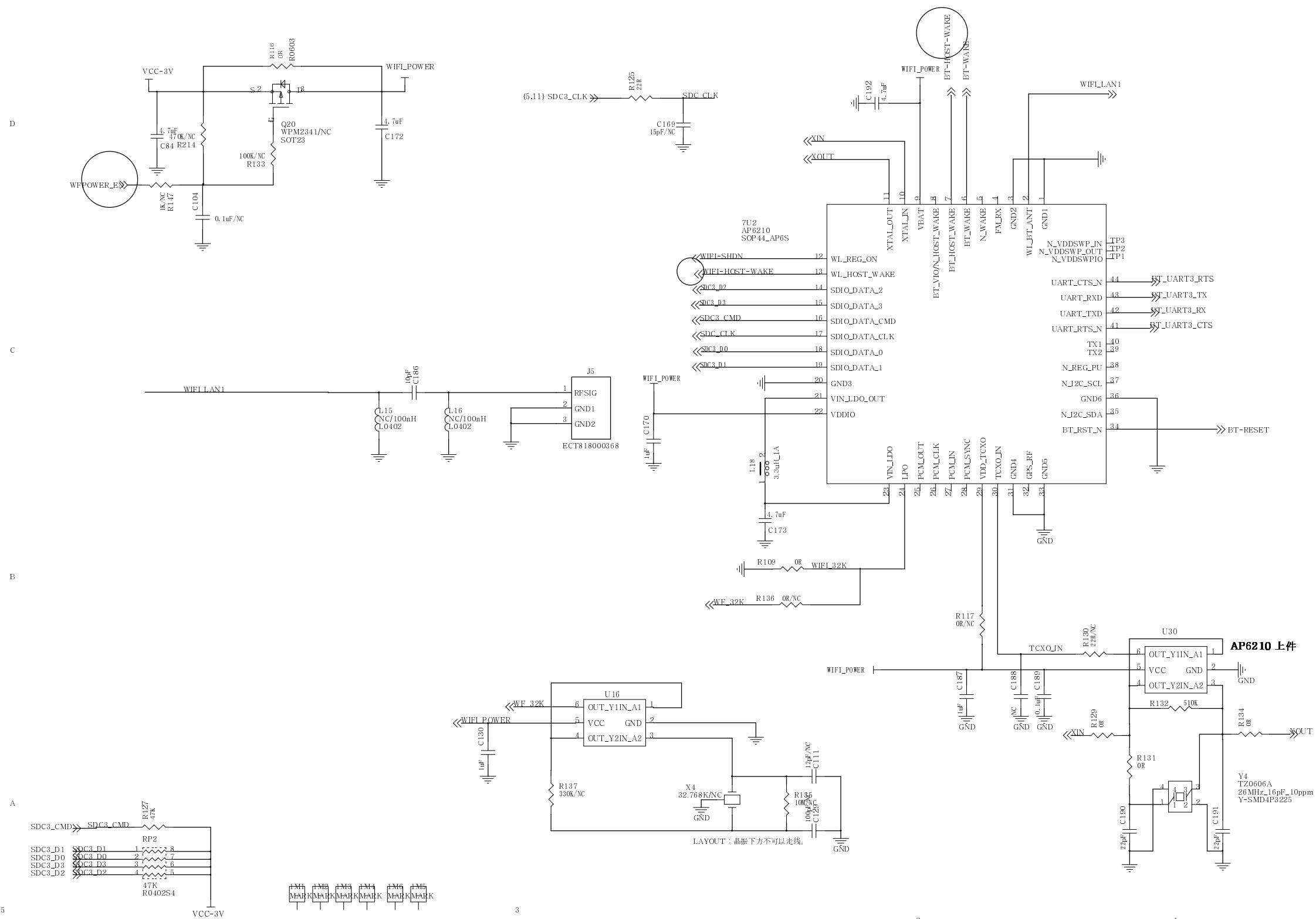




USB-USB OTG



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20140916:change Version to V1.1

20140916: change HDMI to Type A

20140916: Add a GND pin to J15

20140917: change RP2 to 47K R127 to 47K change wifi SDIO to SDC3

20140917: change C1,C29 to NC

20140917: change R83 to 1K U12 power supply changed to VCC-3V

20140917: change CON26 PIN29 to PB03 D4 changed to SS22

20140917: change U8 to XL8206 2ADCDC

20141013: Change version to 1.2

20141013: add Q1 Q2 R30 R68 R69

20141013:change FB3 from 60R@100MHz to KAB3202132 29010 1.25A fuse 20141022: Add 32KHz signal circuit for broadcom wifi

20141013:change R111 frpm 0R to 1K;R112 from 510R to 1K add R70 10K add Q3

20141013: add C30

20141013: add R71 R115 U18 C31

20141014: add C80 C84 R116

20141014: change C115 C116 C159 to 22uF, add c95

20141014:Change J4 add C104

20141014:Del E3,U16 R22;Add J5

20141014:Del ESP8089 SDIO wifi

20141014:change J1 to 创粤USBF-PO565-H25-0307

20141022: Add 32KHz signal circuit for broadcom wifi

20141024: change BT uart from uart4 to uart3(with flow control)

20141024: change BT uart from uart4 to uart3(with flow control)

20141028: Add C132 C133 change C128 to 105

20141028: Add R139 C134 R140

20141030: Add FB1 change L 6 to 5*5