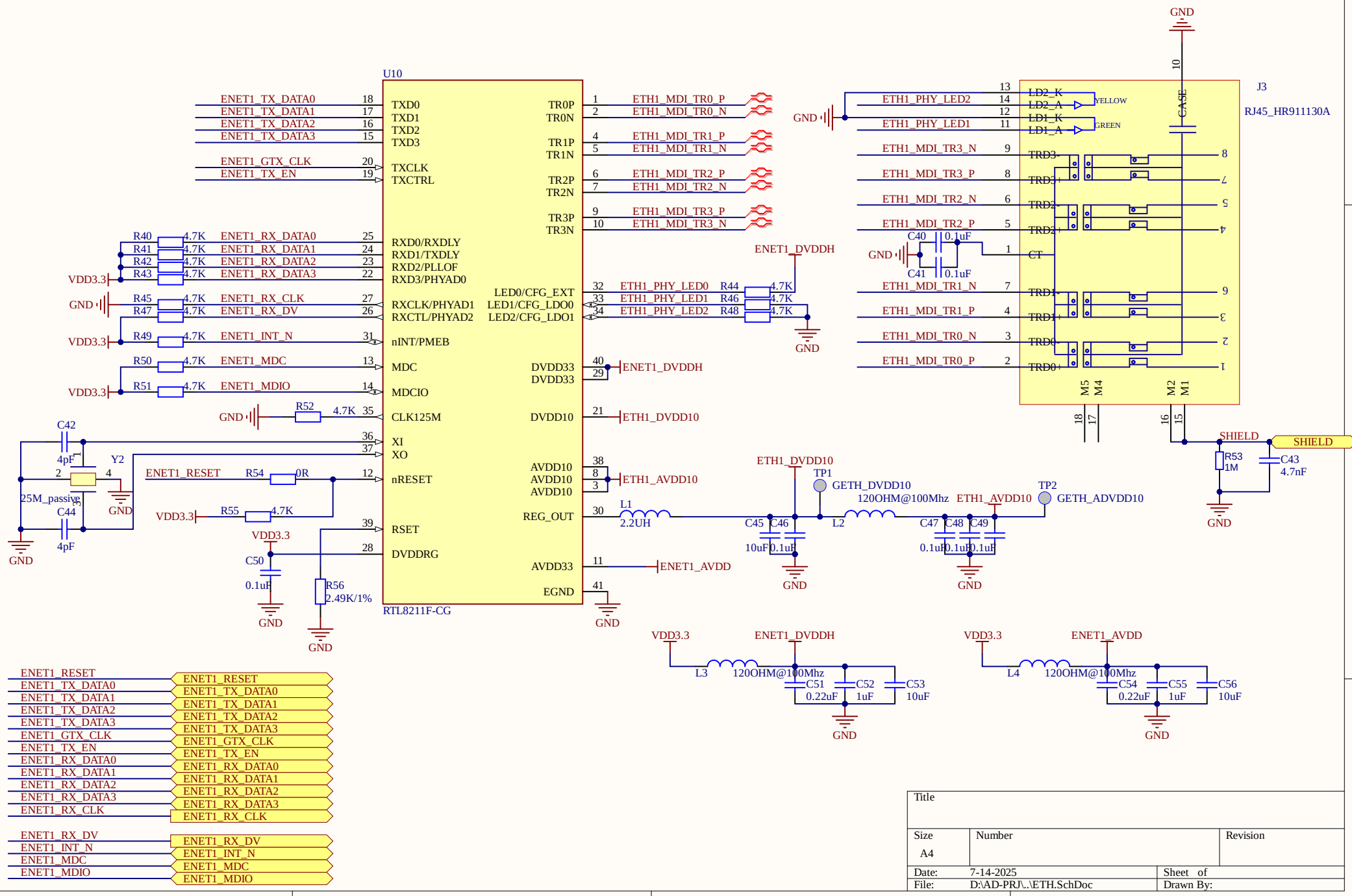
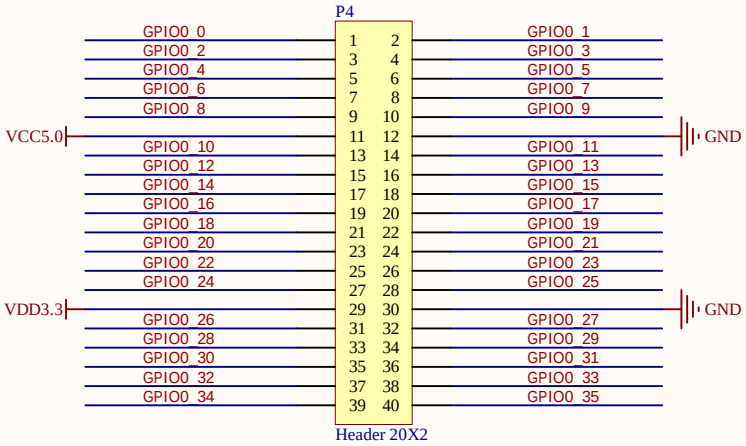
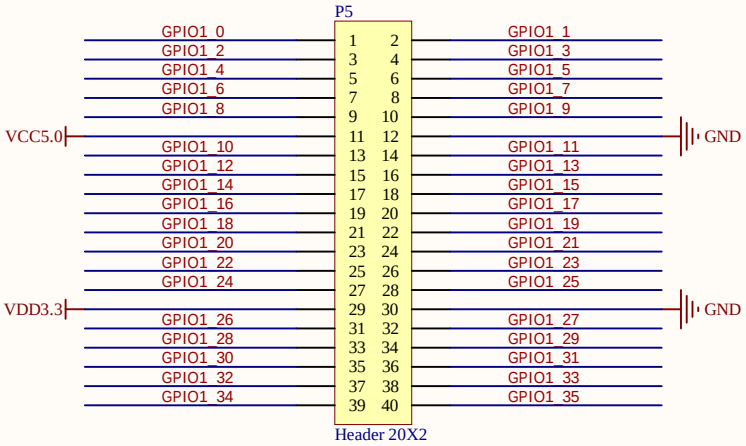

U10
RTL8211F-CG
TXD0
TXD1
TXD2
TXD3
TXCLK
TXCTRL
RXD0/RXDLY
RXD1/TXDLY
RXD2/PLLOF
RXD3/PHYAD0
RXCLK/PHYAD1
RXCTL/PHYAD2
nINT/PMEB
MDC
MDCIO
CLK125M
XI
XO
nRESET
RSET
DVDDRG
TR0P
TR0N
TR1P
TR1N
TR2P
TR2N
TR3P
TR3N
LED0/CFG_EXT
LED1/CFG_LDO0
LED2/CFG_LDO1
DVDD33
DVDD10
AVDD10
AVDD33
REG_OUT
EGND
ENET1_TX_DATA0
ENET1_TX_DATA1
ENET1_TX_DATA2
ENET1_TX_DATA3
ENET1_GTX_CLK
ENET1_TX_EN
ENET1_RX_DATA0
ENET1_RX_DATA1
ENET1_RX_DATA2
ENET1_RX_DATA3
ENET1_RX_CLK
ENET1_RX_DV
ENET1_INT_N
ENET1_MDC
ENET1_MDIO
ENET1_RESET
ETH1_MDI_TR0_P
ETH1_MDI_TR0_N
ETH1_MDI_TR1_P
ETH1_MDI_TR1_N
ETH1_MDI_TR2_P
ETH1_MDI_TR2_N
ETH1_MDI_TR3_P
ETH1_MDI_TR3_N
ETH1_PHY_LED0
ETH1_PHY_LED1
ETH1_PHY_LED2
ETH1_DVDDH
ETH1_DVDD10
ETH1_AVDD10
ETH1_AVDD
R40 4.7K
R41 4.7K
R42 4.7K
R43 4.7K
R44 4.7K
R45 4.7K
R46 4.7K
R47 4.7K
R48 4.7K
R49 4.7K
R50 4.7K
R51 4.7K
R52 4.7K
R54 0R
R55 4.7K
R56 2.49K/1%
C40 0.1uF
C41 0.1uF
C42 4pF
C44 4pF
C43 4.7nF
R53 1M
Y2
25M_passive
L1 2.2UH
L2 120OHM@100Mhz
L3 120OHM@100Mhz
L4 120OHM@100Mhz
C45 10uF
C46 0.1uF
C47 0.1uF
C48 0.1uF
C49 0.1uF
C50 0.1uF
C51 0.22uF
C52 1uF
C53 10uF
C54 0.22uF
C55 1uF
C56 10uF
TP1 GETH_DVDD10
TP2 GETH_ADVDD10
J3
RJ45_HR911130A
LD2_K
LD2_A
LD1_K
LD1_A
YELLOW
GREEN
CASE
CT
TRD3-
TRD3+
TRD2-
TRD2+
TRD1-
TRD1+
TRD0-
TRD0+
M5
M4
M2
M1
SHIELD
GND
VDD3.3
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Size A4
Number
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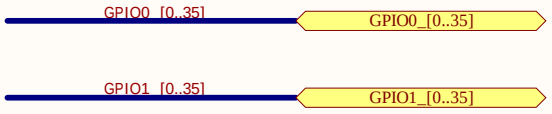
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兼容**DE2**的通用扩展接口



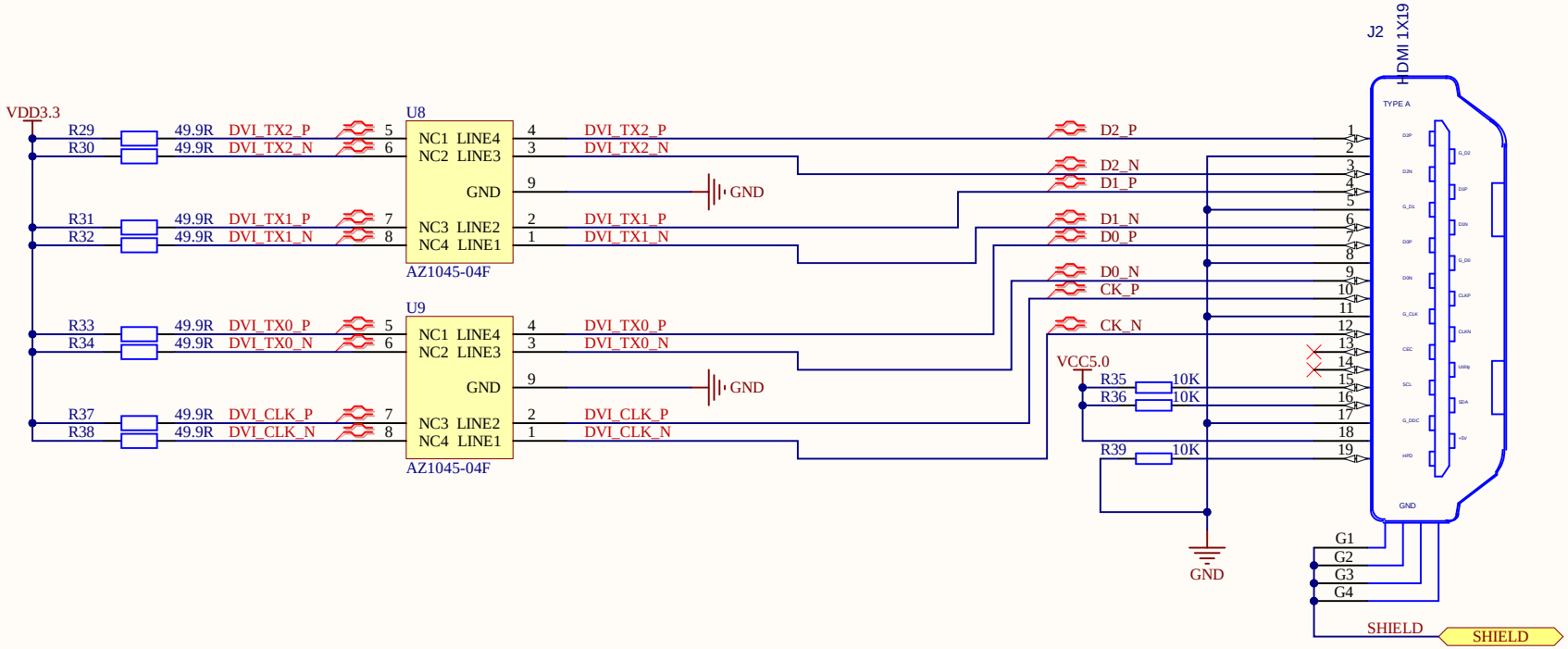
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兼容**DE2**的通用扩展接口



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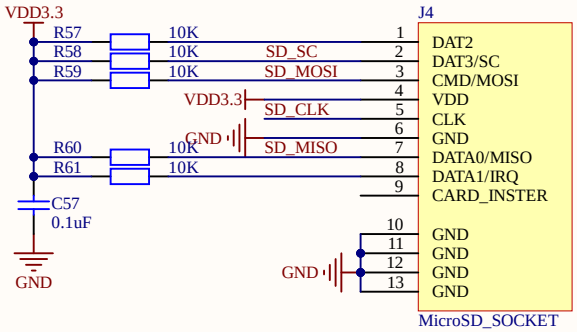
HDMI

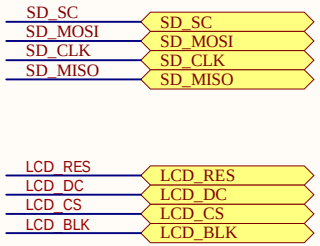




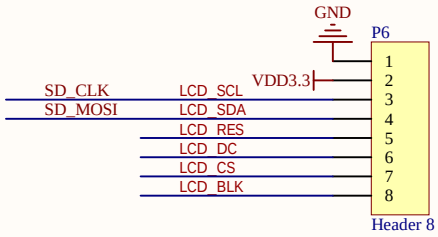
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SPI SD卡接口

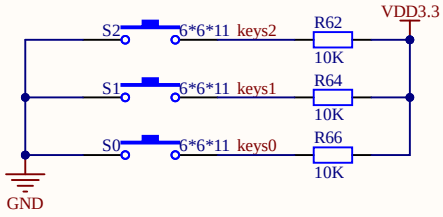


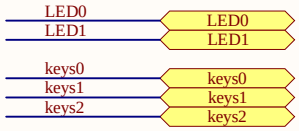


OLED

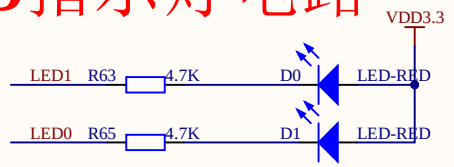


轻触按键电路

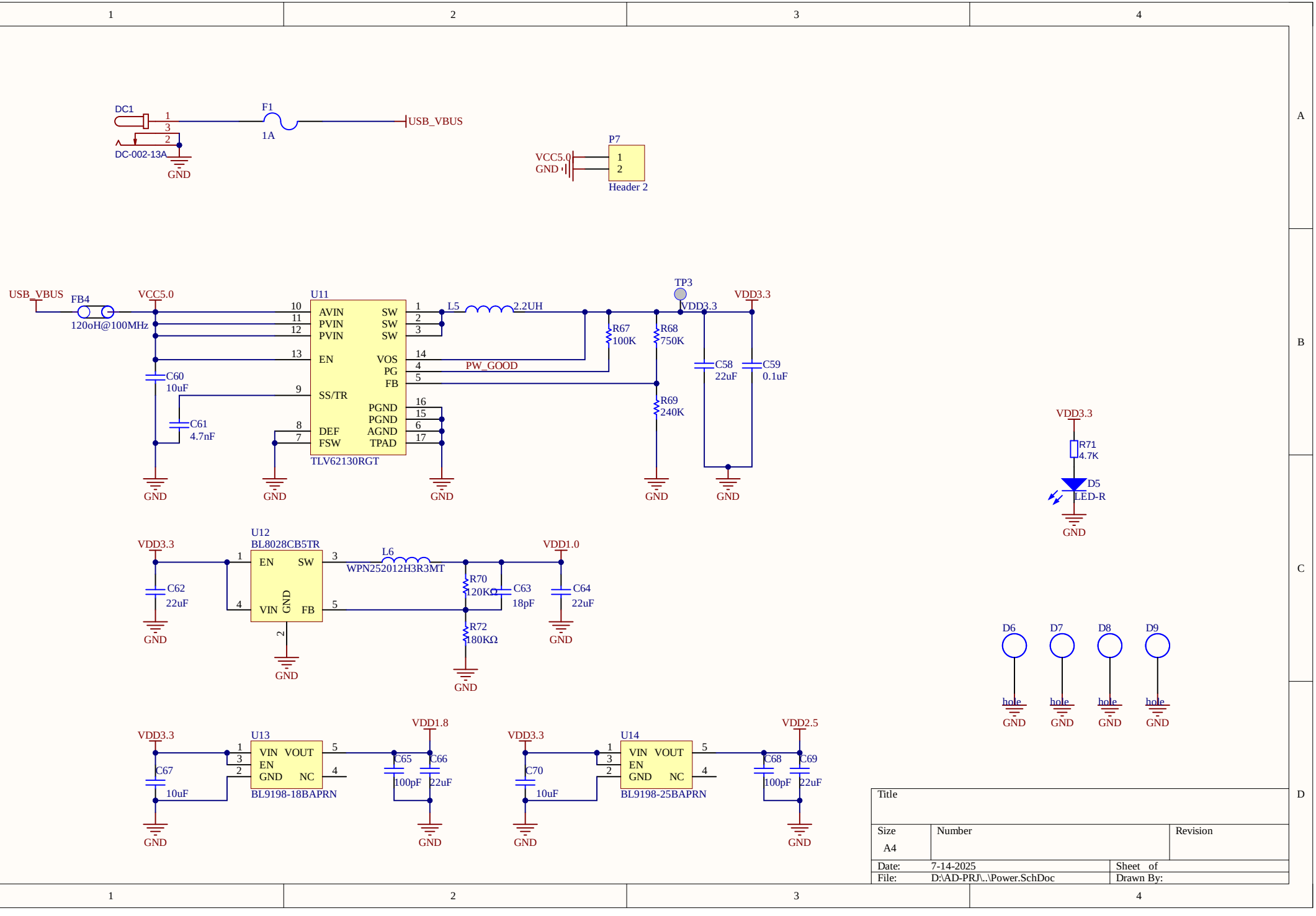




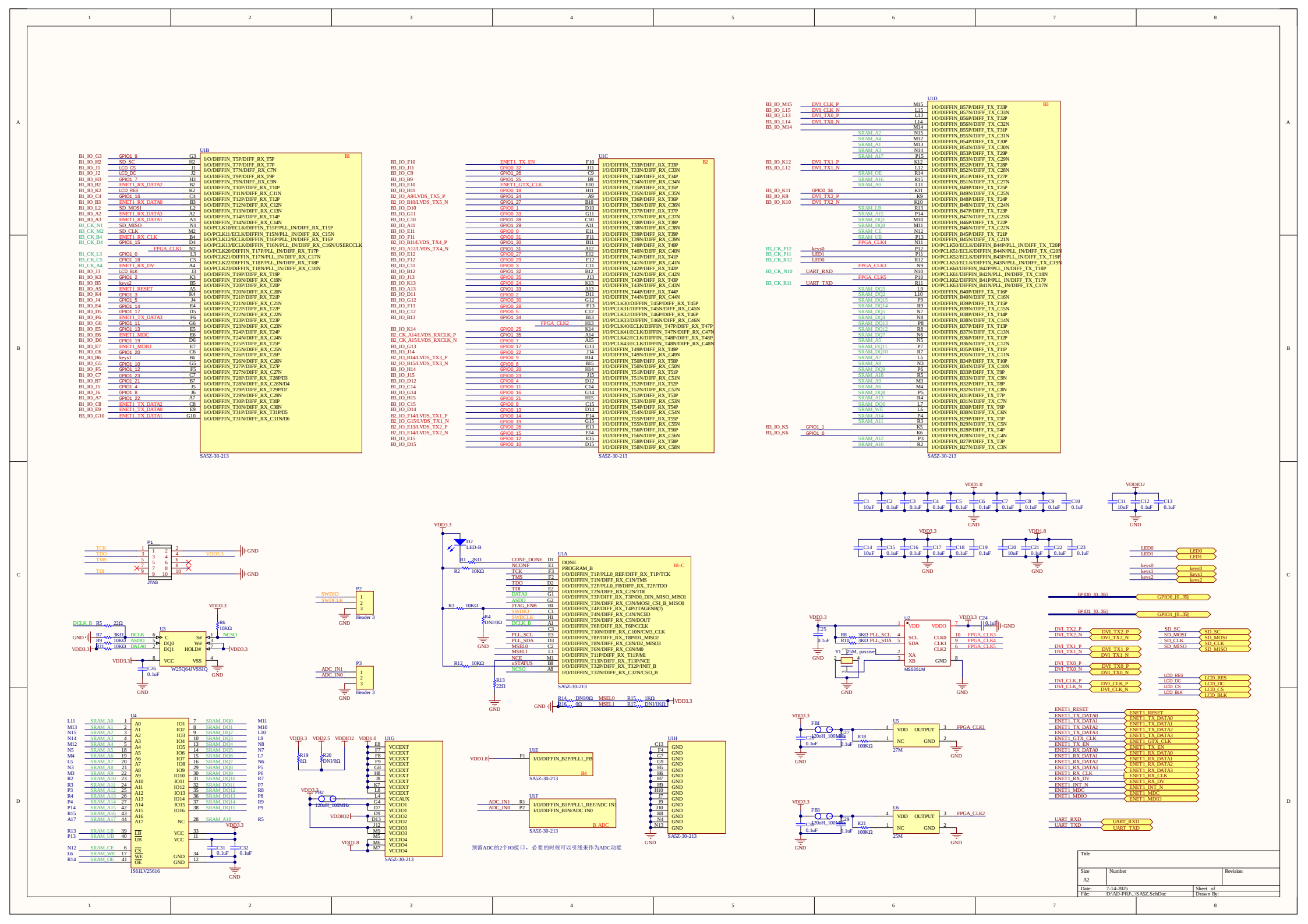
LED指示灯电路

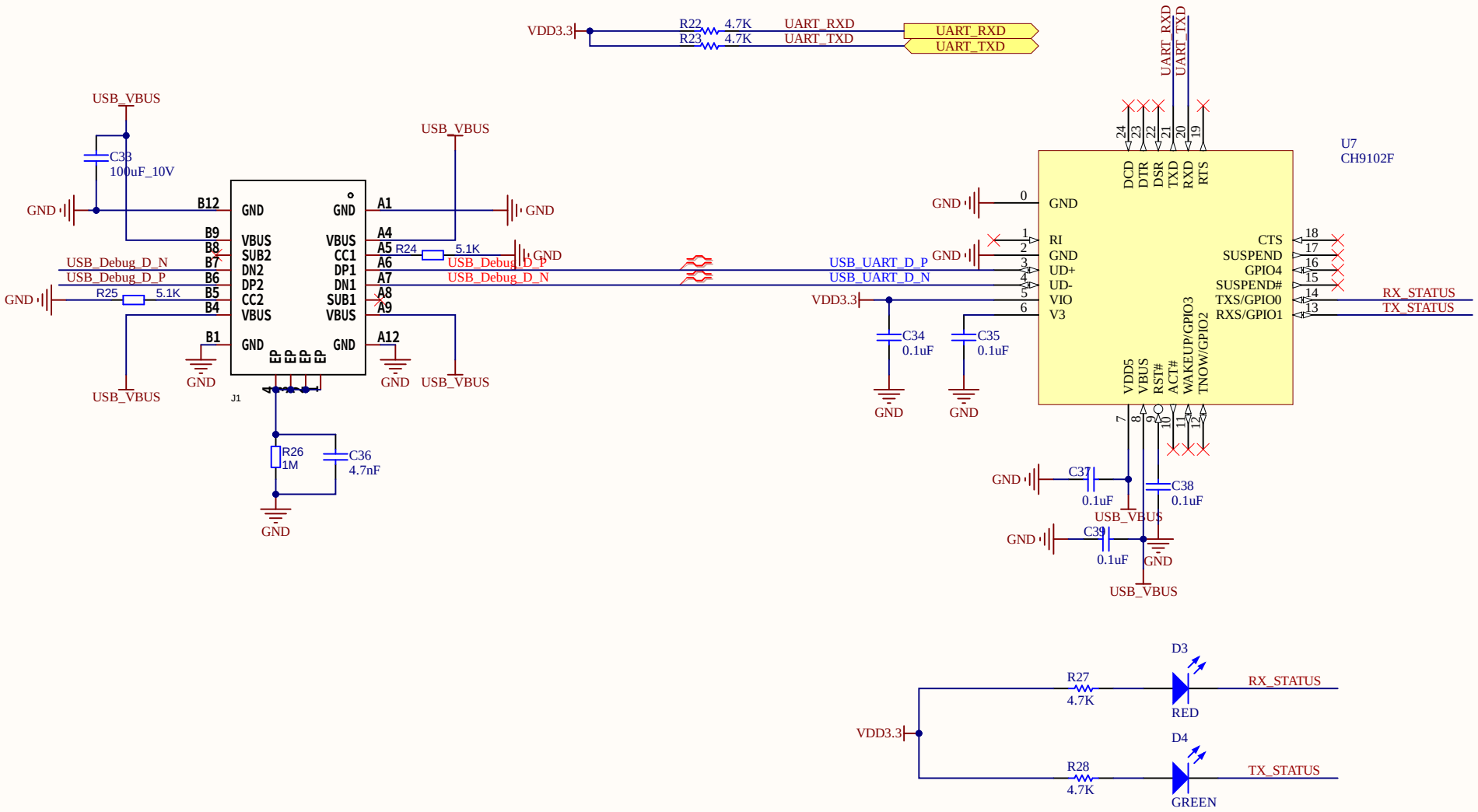


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U1B
SA5Z-30-213
U1C
SA5Z-30-213
U1D
SA5Z-30-213
JTAG
W25Q64JVSSIQ
Header 3
Header 3
LED-B
U1A
SA5Z-30-213
U4
IS61LV25616
U1G
SA5Z-30-213
U1E
SA5Z-30-213
U1F
SA5Z-30-213
U1H
SA5Z-30-213
MS3351M
27M
25M
预留ADC的2个IO接口，必要的时候可以引线来作为ADC功能
Title
Size
A2
Number
Revision
Date: 7-14-2025
Sheet of
File: D:\AD-PRJ\..\SA5Z.SchDoc
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