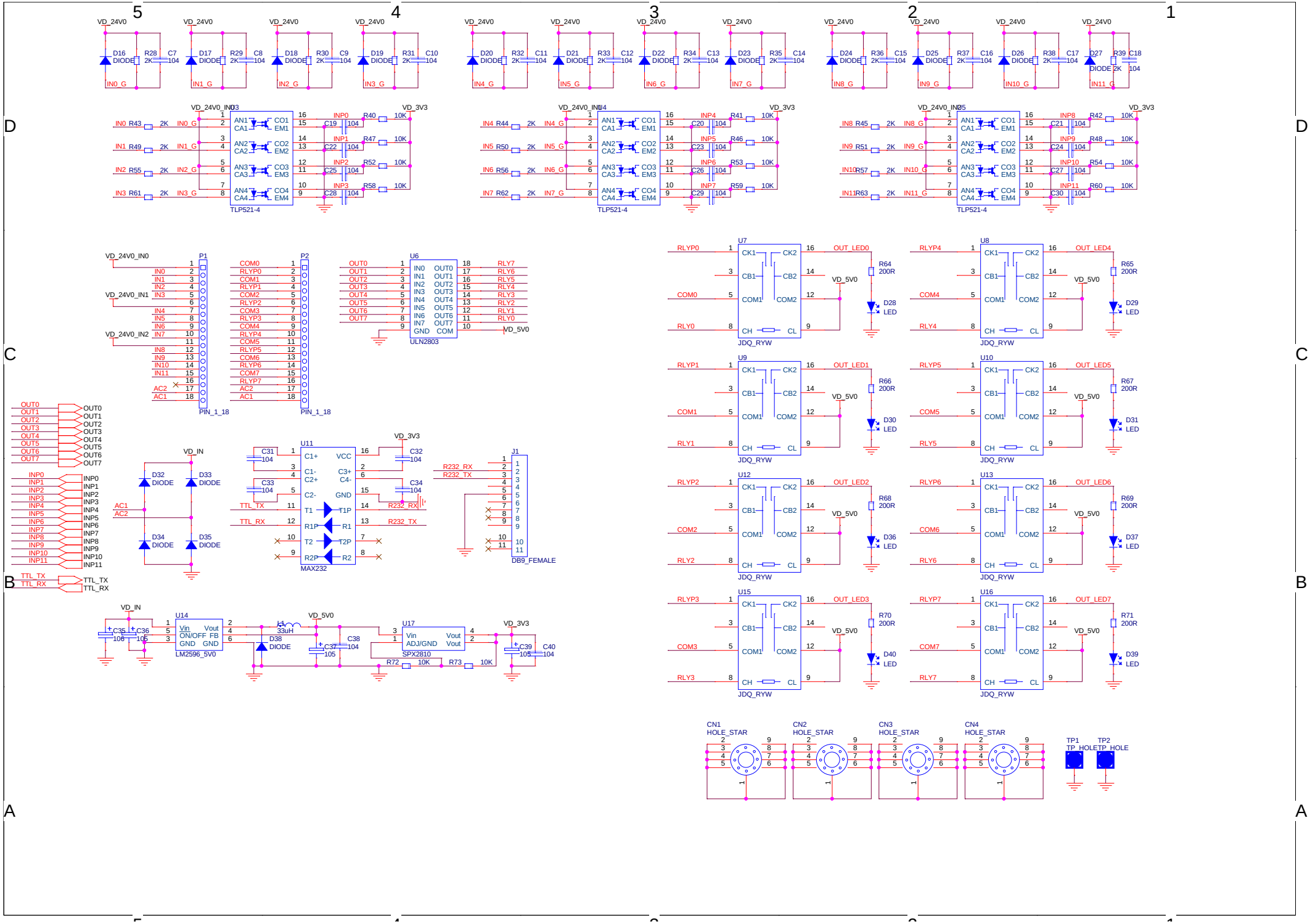
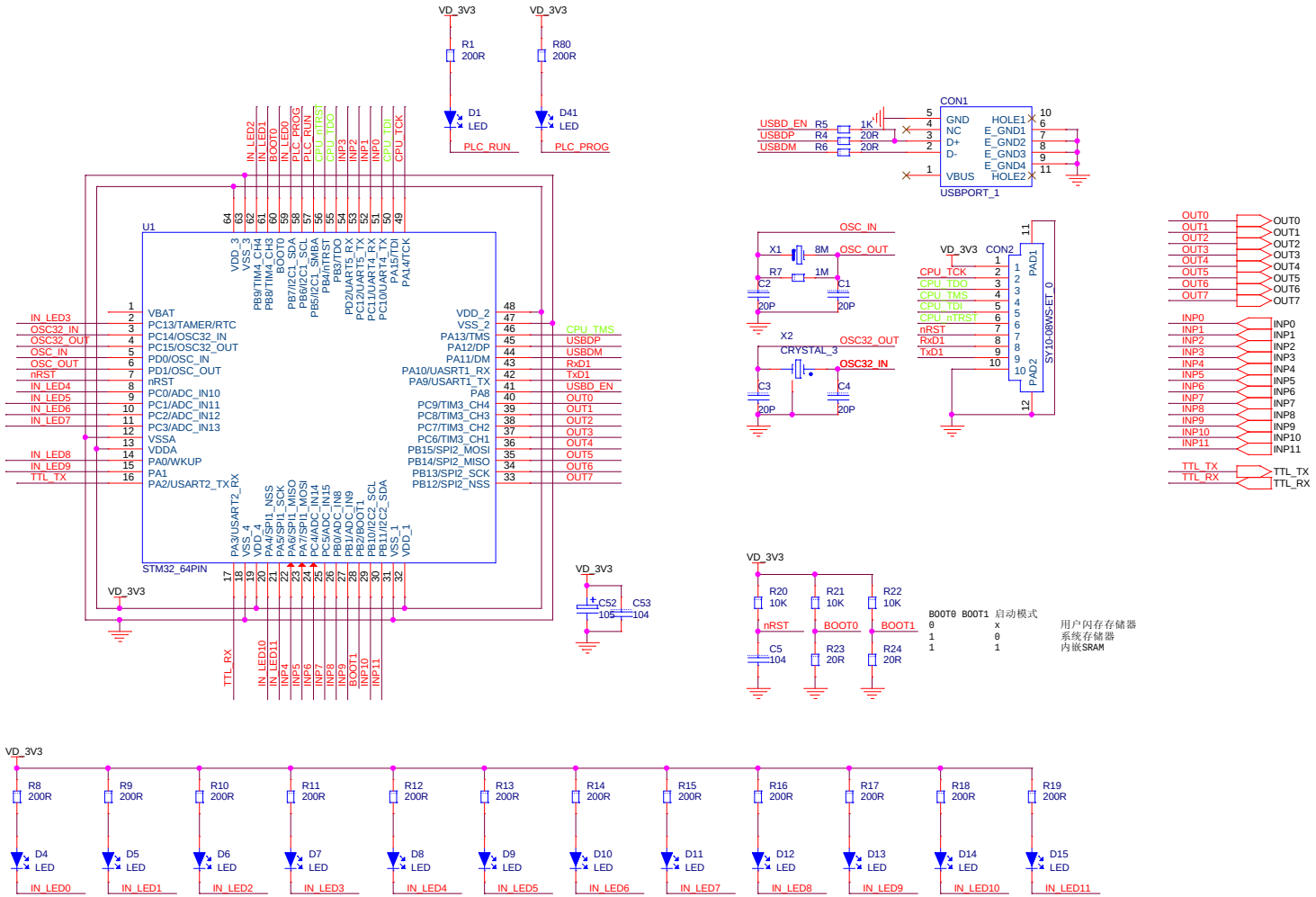

VD_24V0
D16 DIODE R28 2K C7 104 IN0_G
D17 DIODE R29 2K C8 104 IN1_G
D18 DIODE R30 2K C9 104 IN2_G
D19 DIODE R31 2K C10 104 IN3_G
D20 DIODE R32 2K C11 104 IN4_G
D21 DIODE R33 2K C12 104 IN5_G
D22 DIODE R34 2K C13 104 IN6_G
D23 DIODE R35 2K C14 104 IN7_G
D24 DIODE R36 2K C15 104 IN8_G
D25 DIODE R37 2K C16 104 IN9_G
D26 DIODE R38 2K C17 104 IN10_G
D27 DIODE R39 2K C18 104 IN11_G
VD_24V0_IN0 U3 TLP521-4 VD_3V3
VD_24V0_IN1 U4 TLP521-4 VD_3V3
VD_24V0_IN2 U5 TLP521-4 VD_3V3
P1 PIN_1_18
P2 PIN_1_18
U6 ULN2803 VD_5V0
U7 JDQ_RYW R64 200R D28 LED
U8 JDQ_RYW R65 200R D29 LED
U9 JDQ_RYW R66 200R D30 LED
U10 JDQ_RYW R67 200R D31 LED
U12 JDQ_RYW R68 200R D36 LED
U13 JDQ_RYW R69 200R D37 LED
U15 JDQ_RYW R70 200R D40 LED
U16 JDQ_RYW R71 200R D39 LED
VD_IN D32 DIODE D33 DIODE D34 DIODE D35 DIODE
U11 MAX232 VD_3V3
J1 DB9_FEMALE
U14 LM2596_5V0 L1 33uH D38 DIODE VD_5V0
U17 SPX2810 R72 10K R73 10K VD_3V3
CN1 HOLE_STAR
CN2 HOLE_STAR
CN3 HOLE_STAR
CN4 HOLE_STAR
TP1 TP_HOLE
TP2 TP_HOLE


VD_3V3
R1 200R
D1 LED
PLC_RUN
R80 200R
D41 LED
PLC_PROG
U1
STM32_64PIN
VBAT
PC13/TAMER/RTC
PC14/OSC32_IN
PC15/OSC32_OUT
PD0/OSC_IN
PD1/OSC_OUT
nRST
PC0/ADC_IN10
PC1/ADC_IN11
PC2/ADC_IN12
PC3/ADC_IN13
VSSA
VDDA
PA0/WKUP
PA1
PA2/USART2_TX
PA3/USART2_RX
VSS_4
VDD_4
PA4/SPI1_NSS
PA5/SPI1_SCK
PA6/SPI1_MISO
PA7/SPI1_MOSI
PC4/ADC_IN14
PC5/ADC_IN15
PB0/ADC_IN8
PB1/ADC_IN9
PB2/BOOT1
PB10/I2C2_SCL
PB11/I2C2_SDA
VSS_1
VDD_1
VDD_2
VSS_2
PA13/TMS
PA12/DP
PA11/DM
PA10/UASRT1_RX
PA9/USART1_TX
PA8
PC9/TIM3_CH4
PC8/TIM3_CH3
PC7/TIM3_CH2
PC6/TIM3_CH1
PB15/SPI2_MOSI
PB14/SPI2_MISO
PB13/SPI2_SCK
PB12/SPI2_NSS
VDD_3
VSS_3
PB9/TIM4_CH4
PB8/TIM4_CH3
BOOT0
PB7/I2C1_SDA
PB6/I2C1_SCL
PB5/I2C1_SMBA
PB4/nTRST
PB3/TDO
PD2/UART5_RX
PC12/UART5_TX
PC11/UART4_RX
PC10/UART4_TX
PA15/TDI
PA14/TCK
IN_LED3
OSC32_IN
OSC32_OUT
OSC_IN
OSC_OUT
nRST
IN_LED4
IN_LED5
IN_LED6
IN_LED7
IN_LED8
IN_LED9
TTL_TX
TTL_RX
IN_LED10
IN_LED11
INP4
INP5
INP6
INP7
INP8
INP9
BOOT1
INP10
INP11
CPU_TMS
USBDP
USBDM
RxD1
TxD1
USBD_EN
OUT0
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
C52 105
C53 104
USBD_EN R5 1K
USBDP R4 20R
USBDM R6 20R
CON1
GND
NC
D+
D-
VBUS
HOLE1
E_GND1
E_GND2
E_GND3
E_GND4
HOLE2
USBPORT_1
OSC_IN
X1 8M
OSC_OUT
R7 1M
C2 20P
C1 20P
X2
CRYSTAL_3
OSC32_OUT
OSC32_IN
C3 20P
C4 20P
CON2
CPU_TCK
CPU_TDO
CPU_TMS
CPU_TDI
CPU_nTRST
nRST
RxD1
TxD1
PAD1
PAD2
SY10-08WS-ET_0
INP0
INP1
INP2
INP3
INP4
INP5
INP6
INP7
INP8
INP9
INP10
INP11
TTL_TX
TTL_RX
R20 10K
R21 10K
R22 10K
nRST
BOOT0
BOOT1
C5 104
R23 20R
R24 20R
BOOT0 BOOT1 启动模式
0 x 用户闪存存储器
1 0 系统存储器
1 1 内嵌SRAM
R8 200R
R9 200R
R10 200R
R11 200R
R12 200R
R13 200R
R14 200R
R15 200R
R16 200R
R17 200R
R18 200R
R19 200R
D4 LED IN_LED0
D5 LED IN_LED1
D6 LED IN_LED2
D7 LED IN_LED3
D8 LED IN_LED4
D9 LED IN_LED5
D10 LED IN_LED6
D11 LED IN_LED7
D12 LED IN_LED8
D13 LED IN_LED9
D14 LED IN_LED10
D15 LED IN_LED11