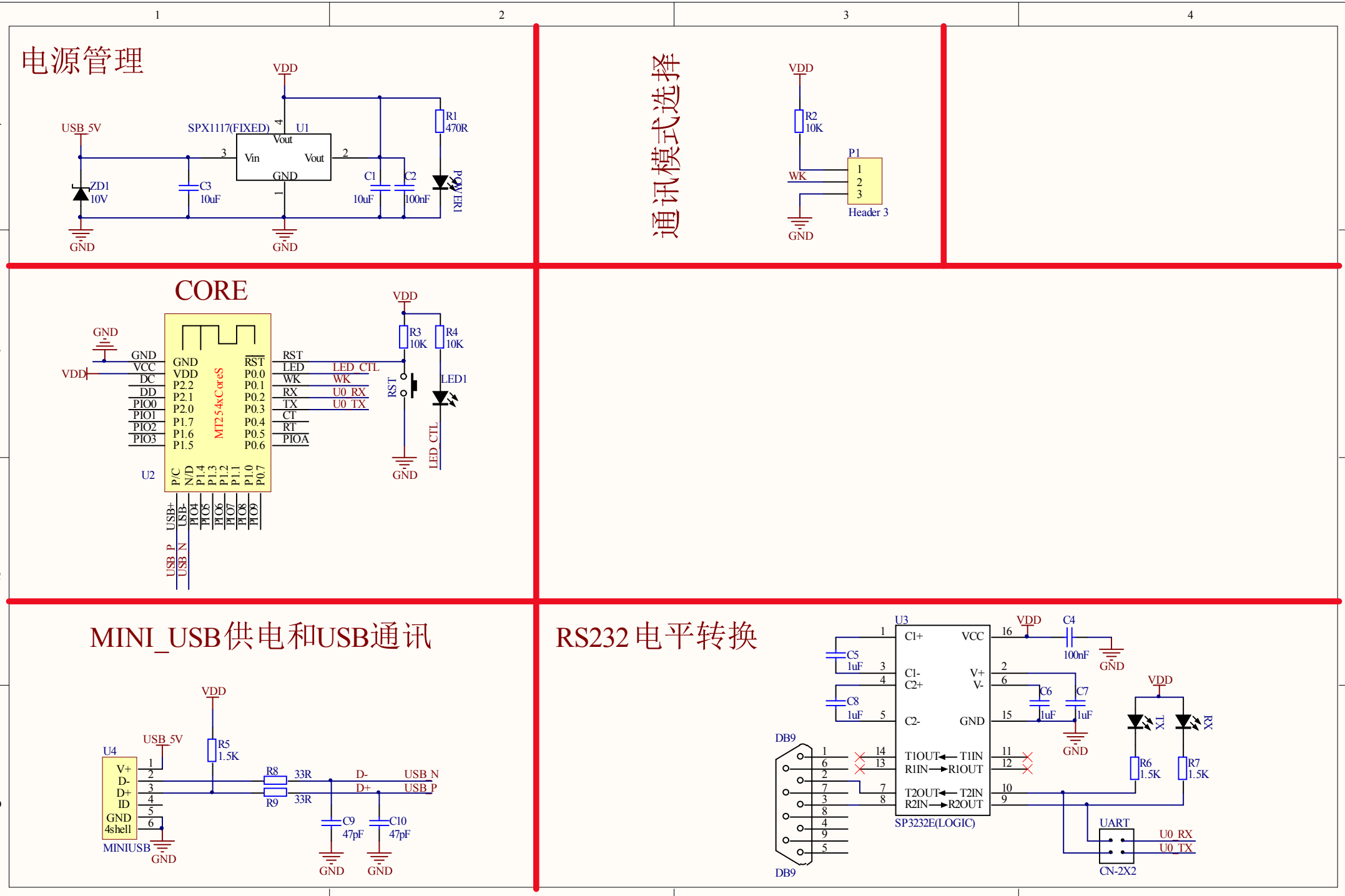
电源管理
VDD
USB_5V
SPX1117(FIXED)
U1
Vout
Vin
Vout
GND
R1
470R
ZD1
10V
C3
10uF
C1
10uF
C2
100nF
POWER1
GND
GND
通讯模式选择
VDD
R2
10K
P1
WK
1
2
3
Header 3
GND
CORE
GND
VDD
GND
VCC
DC
DD
PIO0
PIO1
PIO2
PIO3
GND
VDD
P2.2
P2.1
P2.0
P1.7
P1.6
P1.5
MT2544xCoreS
RST
LED
WK
RX
TX
CT
RT
PIOA
P0.0
P0.1
P0.2
P0.3
P0.4
P0.5
P0.6
U2
P/C
N/D
P1.4
P1.3
P1.2
P1.1
P1.0
P0.7
USB+
USB-
PIO4
PIO5
PIO6
PIO7
PIO8
PIO9
USB_P
USB_N
VDD
R3
10K
R4
10K
LED_CTL
WK
U0_RX
U0_TX
RST
LED1
LED_CTL
GND
MINI_USB供电和USB通讯
VDD
USB_5V
U4
V+
D-
D+
ID
GND
4shell
MINIUSB
GND
R5
1.5K
R8
33R
R9
33R
D-
D+
USB_N
USB_P
C9
47pF
C10
47pF
GND
GND
RS232电平转换
U3
C1+
C1-
C2+
C2-
VCC
V+
V-
GND
T1OUT
R1IN
T2OUT
R2IN
T1IN
R1OUT
T2IN
R2OUT
SP3232E(LOGIC)
VDD
C4
100nF
GND
C5
1uF
C8
1uF
C6
1uF
C7
1uF
GND
VDD
TX
RX
R6
1.5K
R7
1.5K
DB9
DB9
UART
U0_RX
U0_TX
CN-2X2