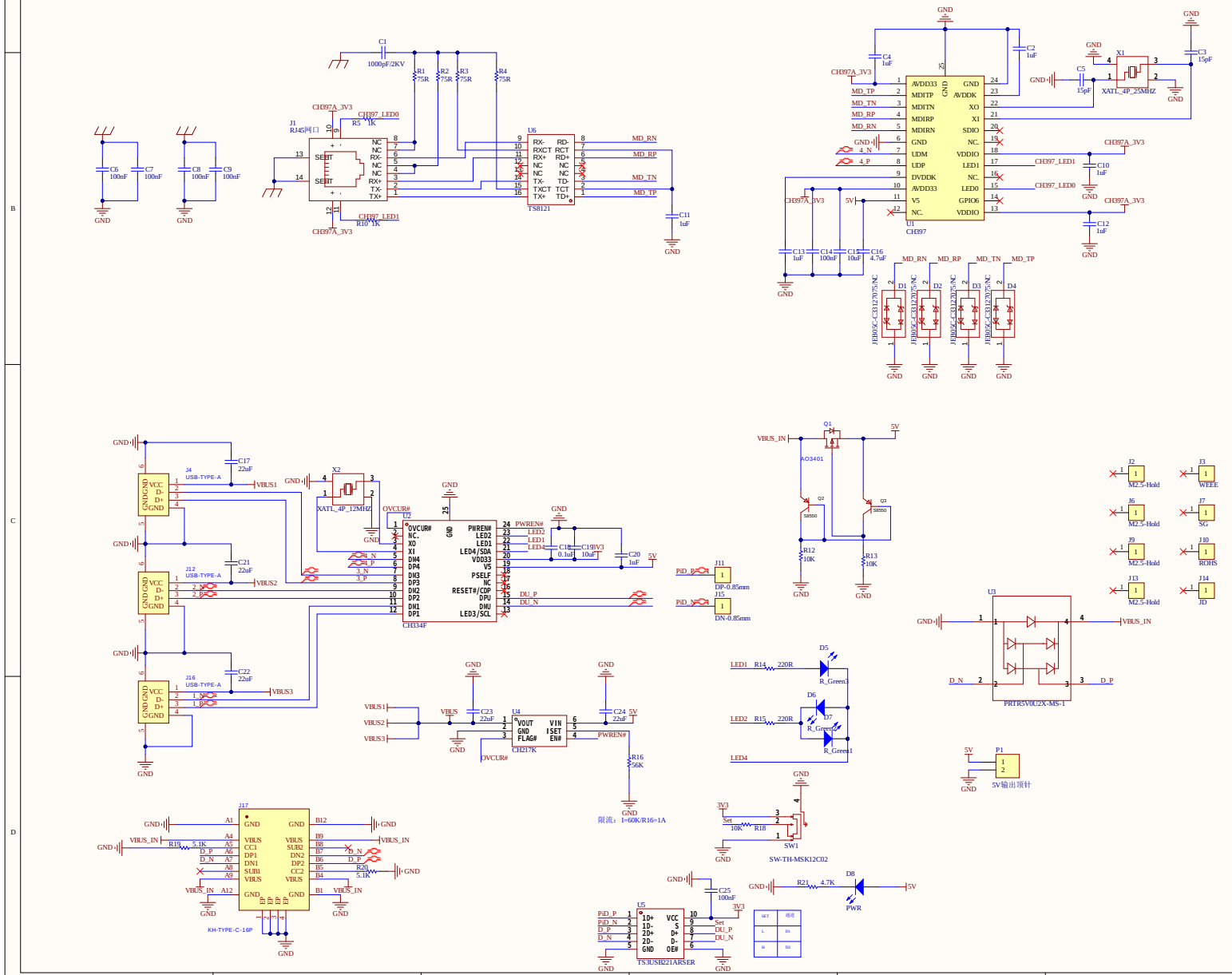
C1
1000pF/2KV
R1 75R
R2 75R
R3 75R
R4 75R
CH397A_3V3
CH397_LED0
R5 1K
J1
RJ45网口
NC
NC
RX-
NC
NC
RX+
TX-
TX+
SHIELD
CH397_LED1
R10 1K
U6
RX-
RXCT
RX+
NC
NC
TX-
TXCT
TX+
RD-
RCT
RD+
NC
NC
TD-
TCT
TD+
TS8121
MD_RN
MD_RP
MD_TN
MD_TP
C11
1uF
C6
100nF
C7
100nF
C8
100nF
C9
100nF
GND
C4
1uF
C2
1uF
C5
15pF
X1
XAT1_4P_25MHZ
C3
15pF
AVDD33
MDITP
MDITN
MDIRP
MDIRN
GND
UDM
UDP
DVDDK
AVDD33
VS
NC.
GND
AVDDK
XO
XI
SDIO
NC.
VDDIO
LED1
NC.
LED0
GPIO6
VDDIO
U1
CH397
4_N
4_P
C10
1uF
C12
1uF
C13
1uF
C14
100nF
C15
10uF
C16
4.7uF
D1
D2
D3
D4
J4
USB-TYPE-A
J12
USB-TYPE-A
J16
USB-TYPE-A
VCC
D-
D+
GND
C17
22uF
C21
22uF
C22
22uF
VBUS1
VBUS2
VBUS3
X2
XAT1_4P_12MHZ
OVCUR#
U2
OVCUR#
NC.
XO
XI
DN4
DP4
DN3
DP3
DN2
DP2
DN1
DP1
PWREN#
LED2
LED1
LED4/SDA
VDD33
VS
PSELF
NC
RESET#/CDP
DPU
DMU
LED3/SCL
CH334F
C18
0.1uF
C19
10uF
3V3
C20
1uF
5V
DU_P
DU_N
J11
DP-0.85mm
J15
DN-0.85mm
Q1
AO3401
Q2
Q3
SI8550
R12
10K
R13
10K
J2
M2.5-Hold
J3
WEEE
J6
M2.5-Hold
J7
SG
J9
M2.5-Hold
J10
ROHS
J13
M2.5-Hold
J14
JD
U3
PRTR5V0U2X-MS-1
D_N
D_P
C23
22uF
U4
CH217K
VOUT
GND
FLAG#
VIN
ISET
EN#
C24
22uF
R16
56K
限流：I=60K/R16=1A
LED1
R14
220R
D5
R_Green1
LED2
R15
220R
D6
D7
R_Green1
LED4
P1
5V输出顶针
3V3
Set
10K
R18
SW1
SW-TH-MSK12C02
J17
KH-TYPE-C-16P
VBUS_IN
R19
5.1K
R20
5.1K
C25
100nF
R21
4.7K
D8
PWR
U5
TS3USB221ARSER
PID_P
PID_N
D_P
D_N
10+
10-
20+
20-
GND
VCC
S
D+
D-
OE#
Set
DU_P
DU_N
SET
L
H
D1
D2