USB

JK1
USB-Micro
VBUS VBUS
D- D-
D+ D+
NC
GND GND
VBUS
GND

VBUS

C11 2.2uF
C1 2.2uF
C2 100nF

U1
1 VIN VOUT 5
2 GND NC 4
3 CE
ME6211

3.3V

C3 2.2uF
C4 100nF

GND

C6 1uF
C7 100nF
GND

VBUS
C5 100nF
GND

VBUS

7 VDD5 RST 9
6 V3 SUSPEND 12
3 GND /SUSPEND 11
8 VBUS RI 2
DCD 1
DTR 28
5 D- DSR 27
4 D+ TXD 26 TXD_CH340X
RXD 25 RXD_CH340X
RTS 24
CTS 23
10 ACT GND 29
13 NC V3 22
14 NC GPIO5 21
15 NC GPIO6 20
16 WAKEUP/GPIO3 TXS/GPIO0 19
17 TNOW/GPIO2
18 RXS/GPIO1
CH9102

C8 100nF
GND

PRTR5V0U2X-N
U5
4 Pin
2 Pin
3 Pin
1 Pin
D+ D-

3.3V
R1 1K±5%
LED
D1
GND

RESET
R4 1K±5%
SW1
1
2
GND

U6
E35-2G4T10S
ANT
1 GND GND 18 GND 1
2 PD6 PD4 17 PD4 2
3 PD7 PD2 16 PD2 3
4 PA3 PD1 15 PD1 4
5 PA7 PD0 14 PD0 5
6 PB2 AVDD3 13 AVDD3 6
RESET 7
WKP 8
RXD 9
TXD 10
GND 11
+3.3V 12
RST PB4 PB5 PB6 GND VBAT
GND

+3.3V
C9 100nF
C10 100nF
GND GND

P13
3.3V 1
+3.3V 2
电流测试引脚

P9
TXD_CH340X 1
RXD 2
模块串口发送

P6
RXD_CH340X 1
TXD 2
模块串口接收

P10
GND 1
WKP 2
+3.3V 3
休眠唤醒切换

Sheet: /
File: 10726-V1.0.kicad_sch
Title:
Size: A4   Date:
KiCad E.D.A. 9.0.1
Rev:
Id: 1/1