PORT_1
1 DTR#
2 RI#
3 DSR#
4 DCD#
5 RESET#
CON5
FT232 PORT1

PORT_2
1 CBUS0
2 CBUS1
3 CBUS2
4 CBUS3
5 CBUS4
CON5
FT232 PORT2

VCCIO

MMBD7000（BAV99）
D1
GND

MMBD7000（BAV99）
D2
GND

3V3OUT   VCCIO   5V
R5 0R/NC   S1   R6 0R/NC
switch

U1
FT232RL
4 VCCIO   TXD 1 TXD TXD
20 VCC   RXD 5 RXD RXD
16 USBDM   RTS# 3 RTS#
15 USBDP   CTS# 11 CTS#
                  DTR# 2 DTR#
8 NC   DSR# 9 DSR#
19 RESET#   DCD# 10 DCD#
24 NC   RI# 6 RI#
27 OSC1
28 OSC0   CBUS0 23 CBUS0
                  CBUS1 22 CBUS1
17 3V3OUT   CBUS2 13 CBUS2
                  CBUS3 14 CBUS3
AGND GND GND GND TEST CBUS4 12 CBUS4
25 7 18 21 26

5V
F1 FUSE
C1 10uF C2 104 C3 103
VCCIO

USB.J1
USB
VBUS 1
D-   2   USBD_N
D+   3   USBD_P
GND 4   GND
SHEEL 5
SHEEL 6
USB-B
SHIELD

RESET#
3V3OUT
C4 104

U2
1 A   K 4   5V
2 A/K A/K 3
USBD_P   USBD_N
SR05.TC(USB ESD)

C.SHIELD1
104
SHIELD
R.SHIELD1
10M
GND

USB to UART

TXD   TXD
RXD   RXD
VCCIO
R3 100K

5V   5V   5V
R1 2K   R4 2K   R2 1K

L1

CBUS0   CBUS1   GND

TX_LED1   RX_LED1   PWR LED

5V   Header 1   VCCIO
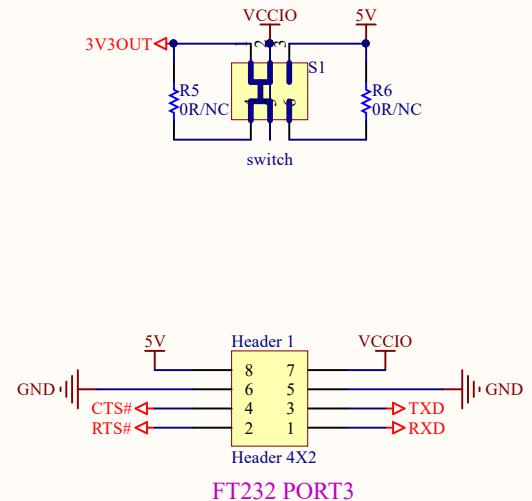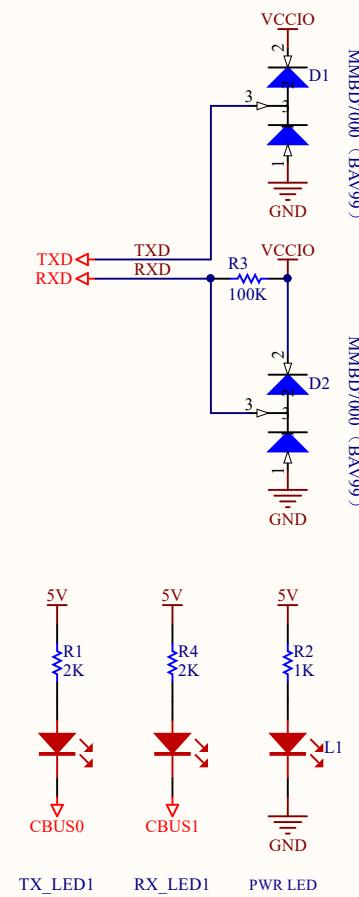   8 7
GND 6 5   GND
     CTS# 4 3 TXD
     RTS# 2 1 RXD
     Header 4X2
FT232 PORT3

W
aveshare

USB TO TTL