X3-a

5V
DM
DP
ID
GND

GND

VCC

GND

X2.1
X2.2
X2.3
X2.4

R1
Ferrite Bead

VCC

FT232RL

X1.1
X1.2
X1.3
X1.4

Pin	Signal		Signal	Pin

4 VCCIO   TXD 1
20 VCC   RXD 5
16 USBDM
15 USBDP

                 RST 3
8 NC   CTS 11
19 RESET   DTR 2
24 NC   DSR 9
27 OSC1   DCD 10
28 OSC0   RI 6

17 3V30UT   CBUS0 23
                 CBUS1 22
                 CBUS2 13
                 CBUS3 14
                 CBUS4 12

AGND GND GND TEST

DA1

25 7 18 21 26

GND

10nF
C2

GND

VCC

C1
0.1

GND

C4
1

C3
0.1

GND

VCC

R2
10K

1 2 3
J1

Signal level

2-3 = 5V
1-2 = 3.3V

22.00mm

50.00mm

R1   C4   C3

+5V
D-
         C2
D+
GND   3.3V

X3   X1   C1   DA1   5V R2   X2

J1

Tx
Rx
+5V
GND

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USB - UART

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