Serial to USB Interface Board for Microcontroller UART
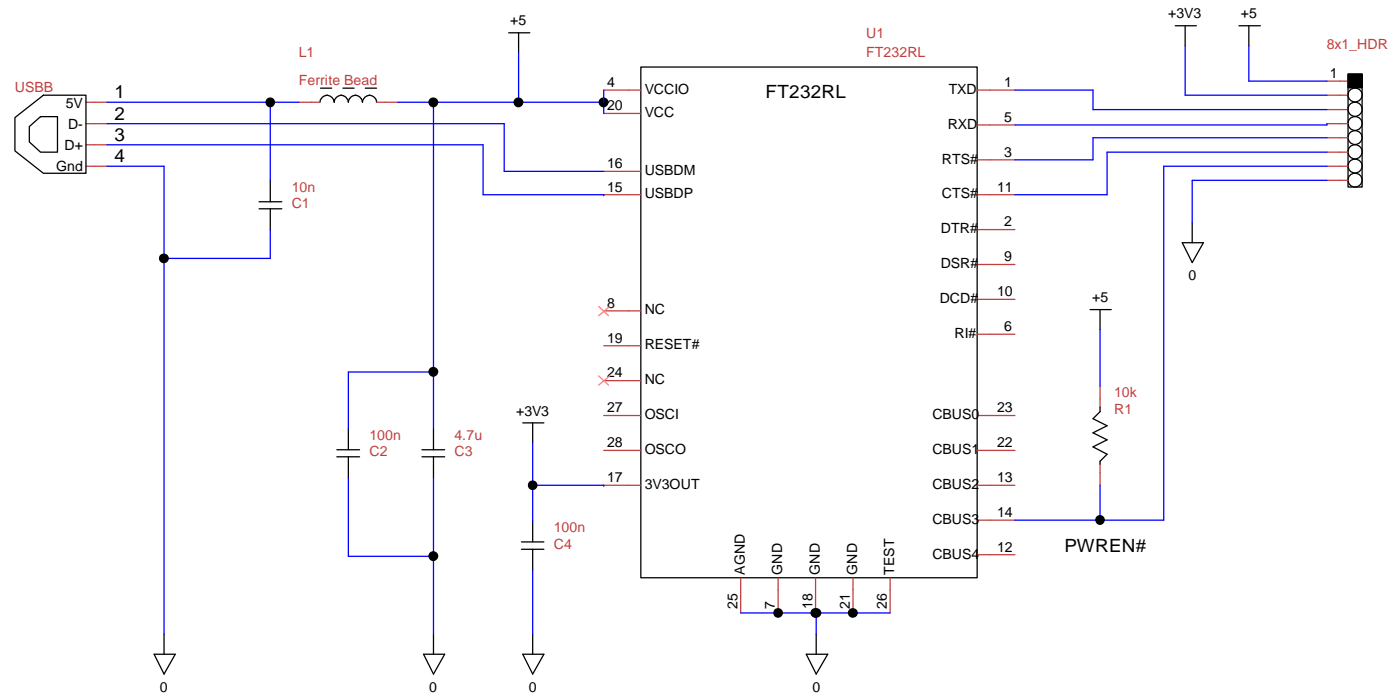
U1
FT232RL

FT232RL

Pin	Signal
4	VCCIO
20	VCC
16	USBDM
15	USBDP
8	NC
19	RESET#
24	NC
27	OSCI
28	OSCO
17	3V3OUT

Pin	Signal
1	TXD
5	RXD
3	RTS#
11	CTS#
2	DTR#
9	DSR#
10	DCD#
6	RI#
23	CBUS0
22	CBUS1
13	CBUS2
14	CBUS3
12	CBUS4

AGND 25
GND 7
GND 18
GND 21
TEST 26

USBB
5V 1
D- 2
D+ 3
Gnd 4

L1
Ferrite Bead

+5

10n
C1

100n
C2

4.7u
C3

+3V3

100n
C4

+3V3   +5

8x1_HDR
1

10k
R1

+5

PWREN#

0

Title		
USB to Serial Converter for Microcontroller UART		
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File		Document
Projects\USBToSerial\Schematic\USBToSerial.dsn		
Revision	Date	Sheets
1.0	11/5/2012	1 of 1