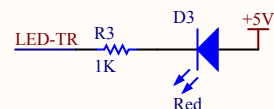
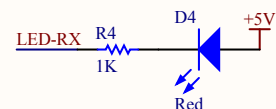
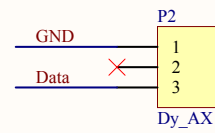
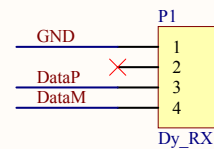
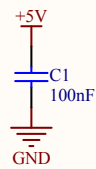
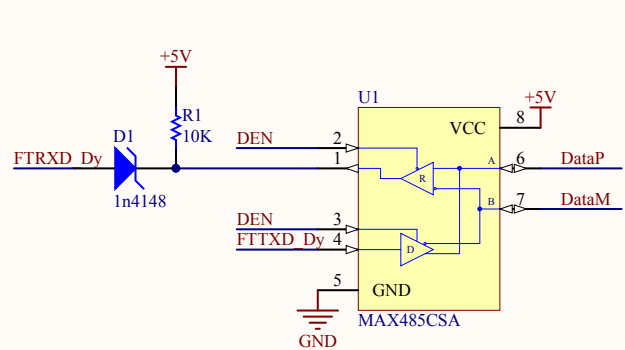
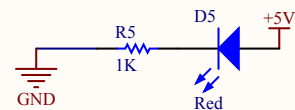
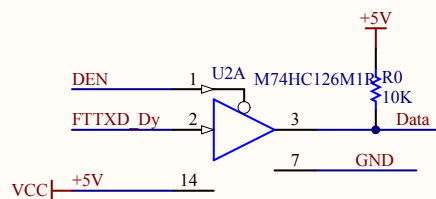


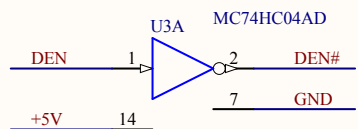
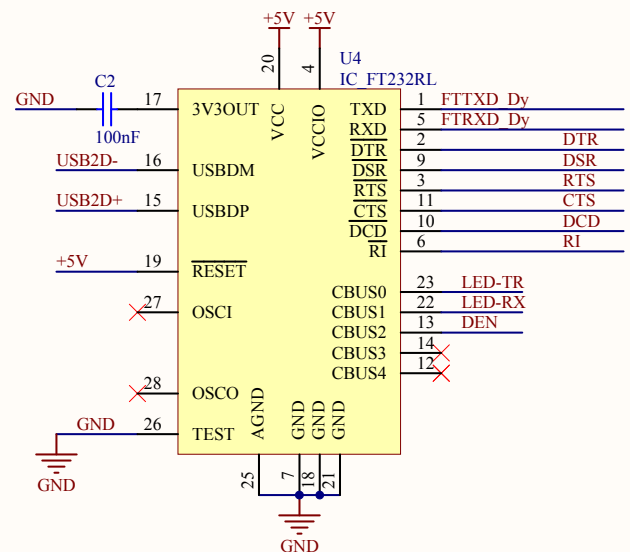
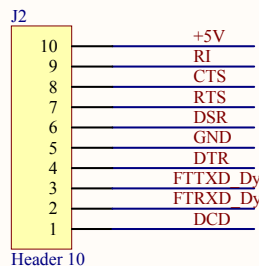
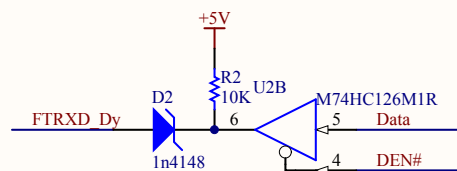
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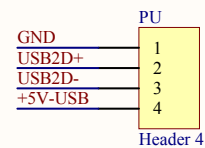
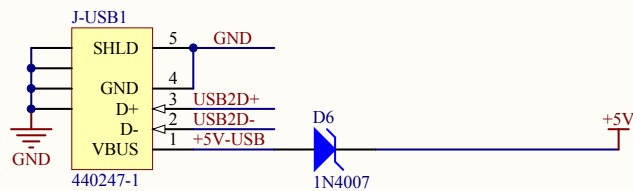
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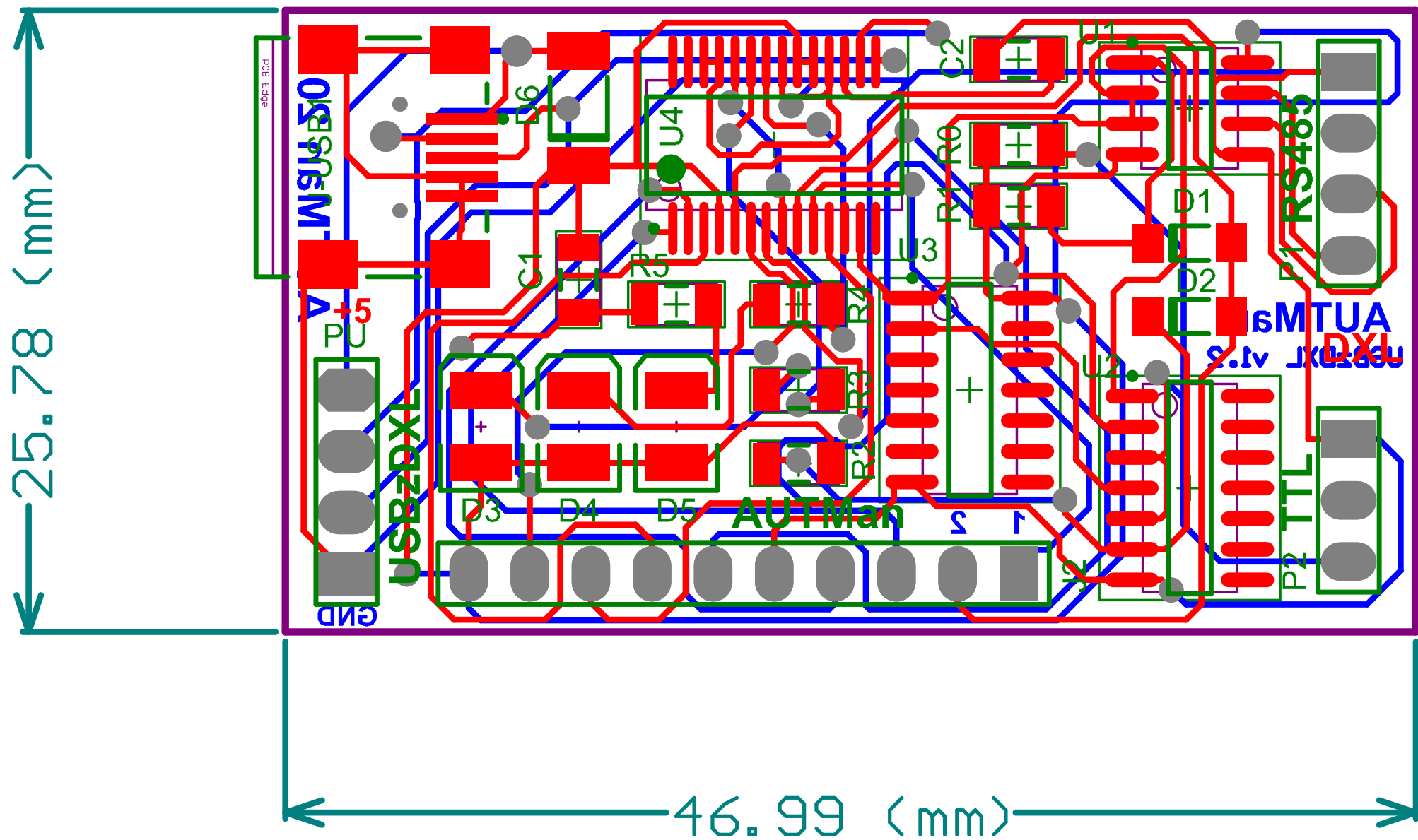
C



D



Title AUTMan USBzDXL Module		Designer: Mojtaba Karimi		AUTMan TEAM Amirkabir University of Technology IRAN			
Size: A2	Number: N0.1	Revision: v.1.00					
Date: 5/14/2014 Time: 3:43:25 AM		Sheet 1 of 1		WEB: mojtaba.info.se			
File: AUTMan DXL SCH.SchDoc							



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Capacitor (Semiconductor SIM Model)	C1, C2	CAPC3216L	Cap Semi	2
1n4148	Silicon Zener Diode	D1, D2	DL-35	DL5233B	2
Red	Typical BLUE SiC LED	D3, D4, D5	DSO-C2/ D5.6	LED3	3
1N4007	High-Voltage Power Zener Diode	D6	MELF	ZMU100	1
Header 10	Header, 10-Pin	J2	HDR1X10	Header 10	1
440247-1	USB 2.0, Right Angle, SMT, B Type, Receptacle, 5 Position, Black	J-USB1	440247	440247-1	1
Dy_RX	Header, 4-Pin	P1	HDR1X4	Header 4	1
Dy_AX	Header, 3-Pin	P2	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	PU	HDR1X4	Header 4	1
10K	Low Ohmic Value Thick Film Chip Resistor, 0.1 Ohm to 0.2 Ohm Range, 1%, 2%and 5% Tolerance, 0805 Size, 0.125 W	R0, R1, R2	RESC3216L	ERJ6RS	3
1K	Semiconductor Resistor	R3, R4, R5	RESC3216L	Res Semi	3
MAX485CSA	Low-Power, Slew-Rate-Limited RS-485/ RS-422 Transceiver	U1	NSO8_N	MAX485CSA	1
M74HC126M1R	Quad Bus Buffer (3-State)	U2	SO14_N	M74HC126M1R	1
MC74HC04AD	Hex Inverter	U3	751A-02_N	MC74HC04AD	1
IC_FT232RL	FT232R USB UART	U4	SSOP-28	IC_FT232RL	1