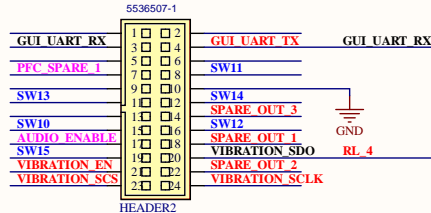
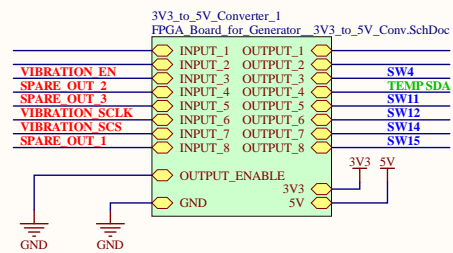
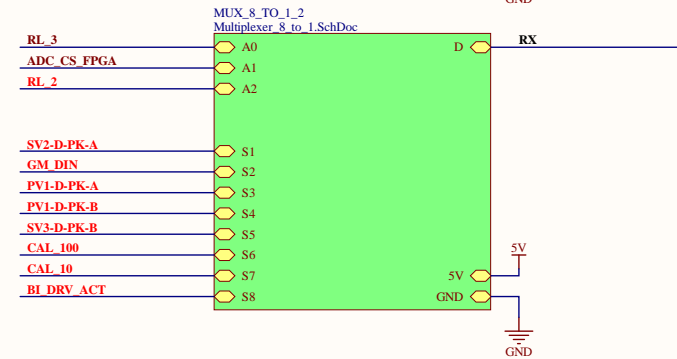
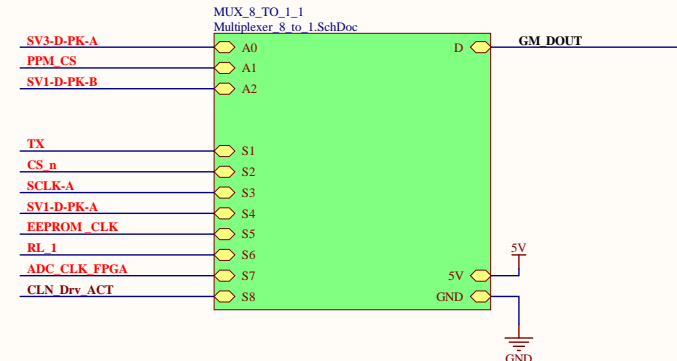
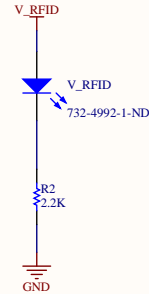
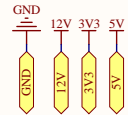
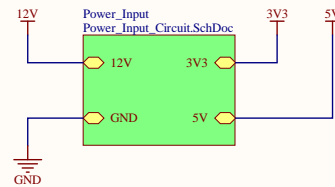
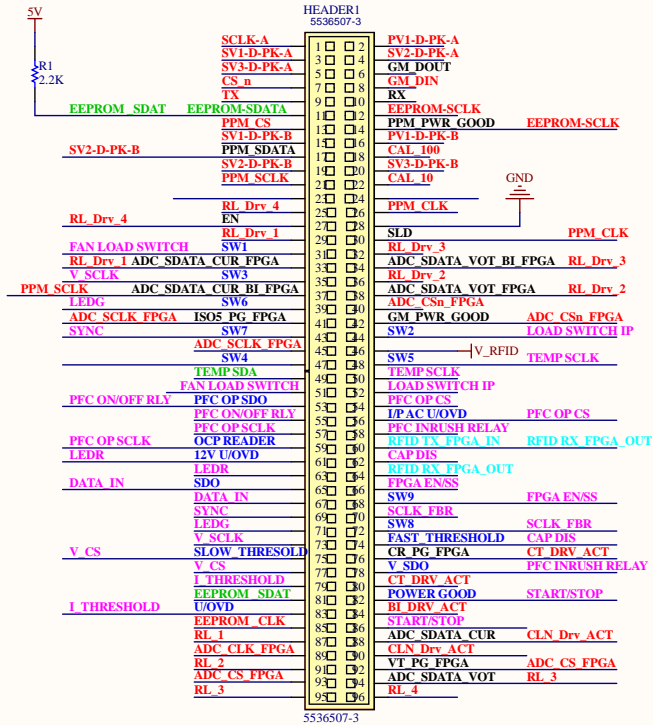




5V INPUT  
5V OUTPUT  
3.3V INPUT  
12V BIDIRECTIONAL  
RFID



This sheet symbol includes all the external interface circuitry of the FPGA board.

 TTC Medical Innovations®				Title: <b><i>FPGA Tester Board</i></b>	
Size: B	Document Number: PG_10_FPGA_Tester	Revision: A	Designer: Buddika Sumanasena		
Date: 4/16/2021	Sheet: 8	of 21	Approver:		
<b><i>CONFIDENTIAL</i></b>		Project Name/Number: T800, PMLS-14-003			

**CONFIDENTIAL**

Comment	Description	Designator	Footprint	LibRef	Quantity
Header 3	Header, 3-Pin	12V	HDR1X3_12V	Header 3	1
10uF	Capacitor	CB1, CB2, CB3, CB4, CB5, CB6, CB7, CB8, CB9, CB10, CB13, CB15	1206c	Cap	12
100nF	Capacitor	CB11, CB12, CB14, CB16	0805c	Cap	4
5536507-3	TE Z-Pack 5536507-3	HEADER1	5536501-3	5536507-3	1
5536507-1	TE Z-Pack 5536507-1	HEADER2	5536501-1	5536507-1	1
NCP1117LPST33T3G	Low-Dropout Positive Fixed Voltage Regulator, 1 A, 3.3 V Output Voltage, 0 to 125 degC, 4-Pin SOT- 223 (318H-01), Pb-Free, Tape and Reel	LDO1	ONSC-SOT-223-4-318H- 01_A_V	CMP-1679-00010-1	1
LDL1117S50R	Low-Dropout Positive Fixed Voltage Regulator, 1 A, 3.3 V Output Voltage, 0 to 125 degC, 4-Pin SOT- 223 (318H-01), Pb-Free, Tape and Reel	LDO2	ONSC-SOT-223-4-318H- 01_A_V	CMP-1679-00010-1	1
TMUX1208PWR	5-V, 8:1, 1-channel general-purpose analog multiplexer with 1.8-V input logic 16-TSSOP -40 to 125	MUX1, MUX2	SOP65P640X120-16N	TMUX1208PWR	2
5536623-1	TE Z-Pack 5536607-1	PWR	5536623-1	5536607-1	1
2.2K	Resistor	R1, R2	0603R	Res1	2
SN74LVC8T		SN1	DBQ24-M	SN74LVC8T	1
SW	SPDT Subminiature Toggle Switch, Right Angle Mounting, Vertical Actuation	SW	CS12ANW03	SW-SPDT	1
RED	SMD mono-color Chip L	V_RFID	1206_A	CMP-1426-00017-1	1