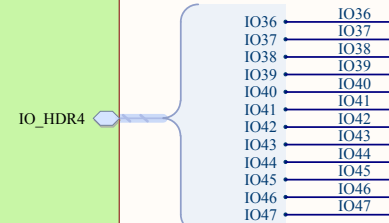
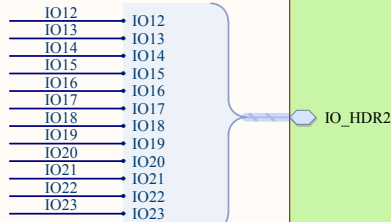
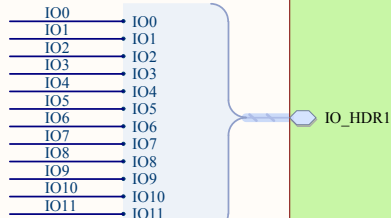
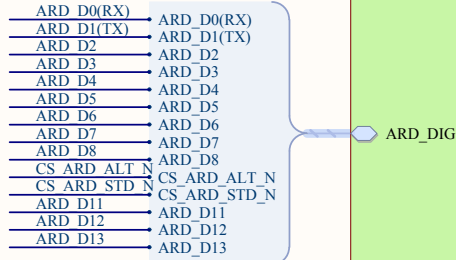
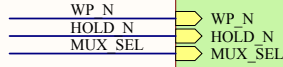
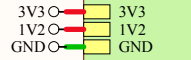


INPUTS		FUNCTION
/OE	S	
L	L	A port = B1 port
L	H	A port = B2 port
H	X	Disconnect

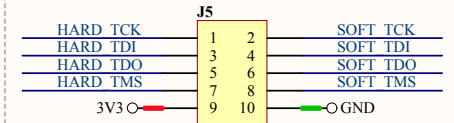
POWER



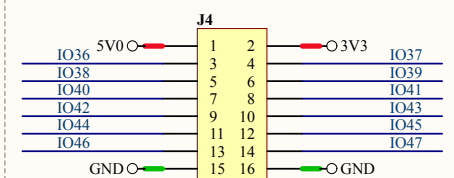
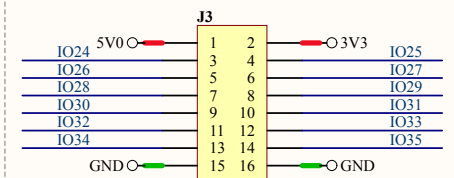
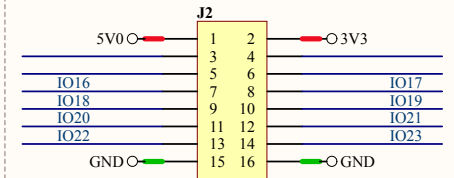
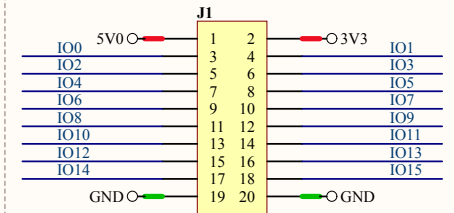
ARDUINO FPGA DESIGN



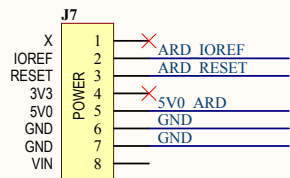
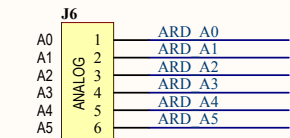
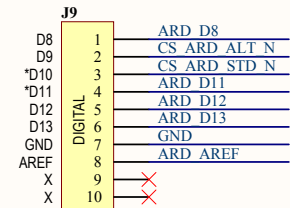
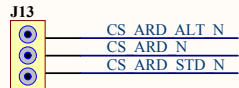
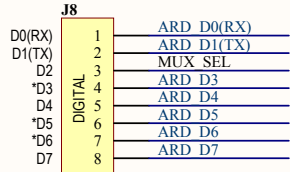
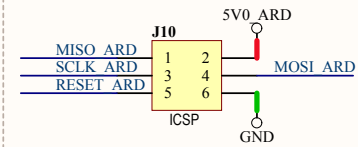
JTAG INTERFACE CONNECTOR



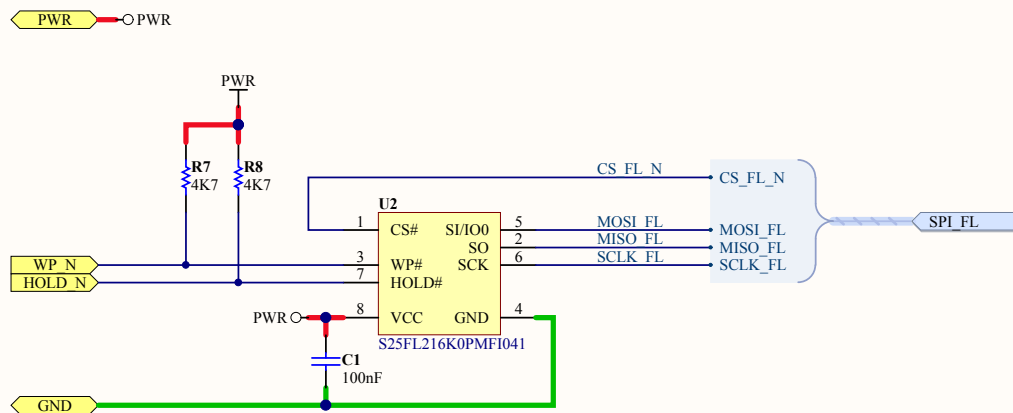
FPGA IO CONNECTORS

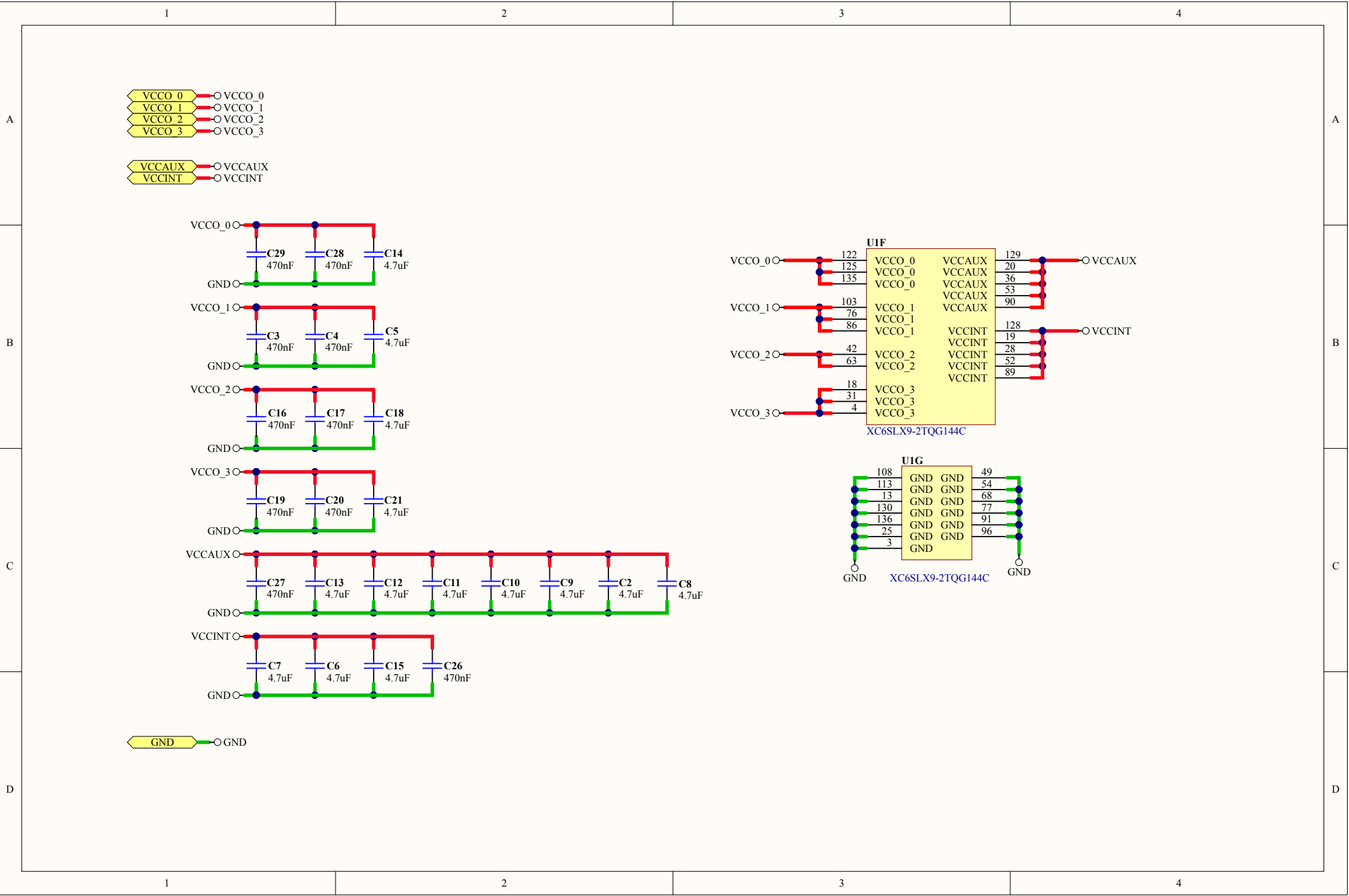


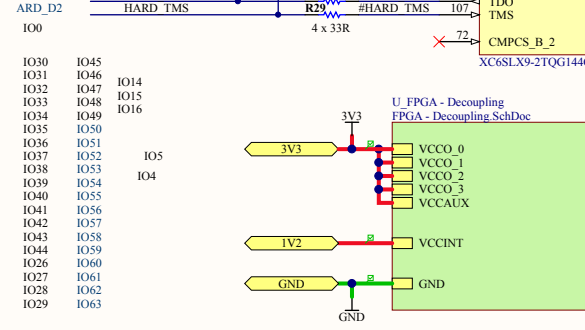
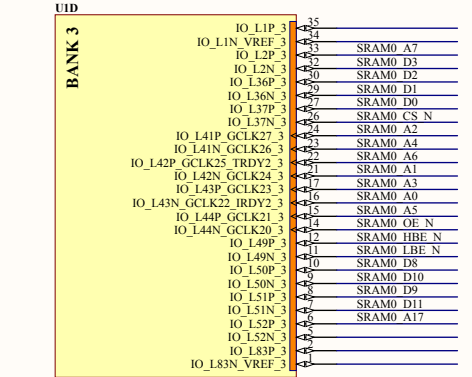
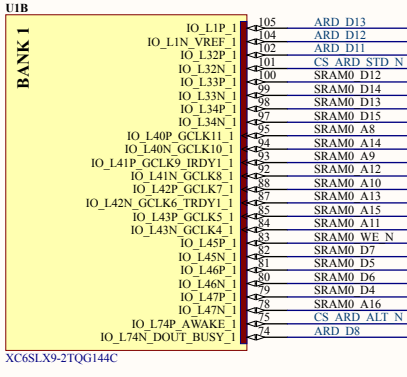
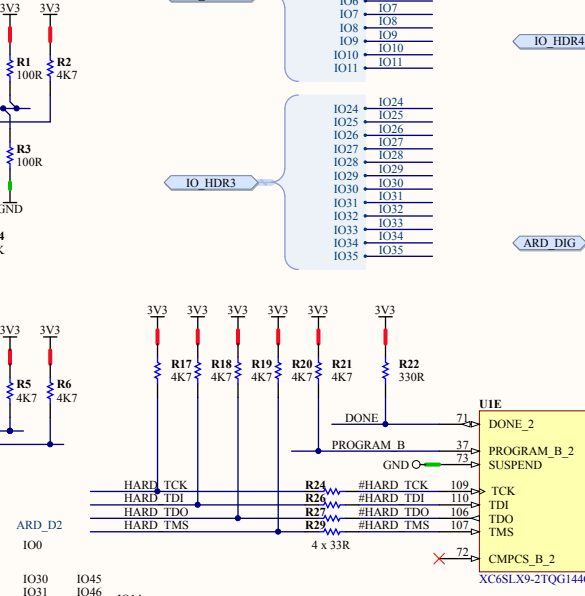
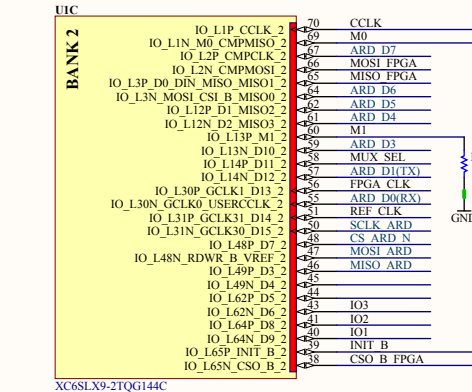
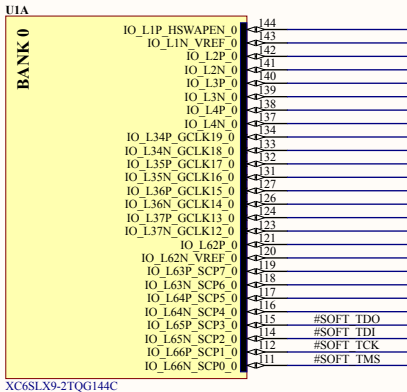
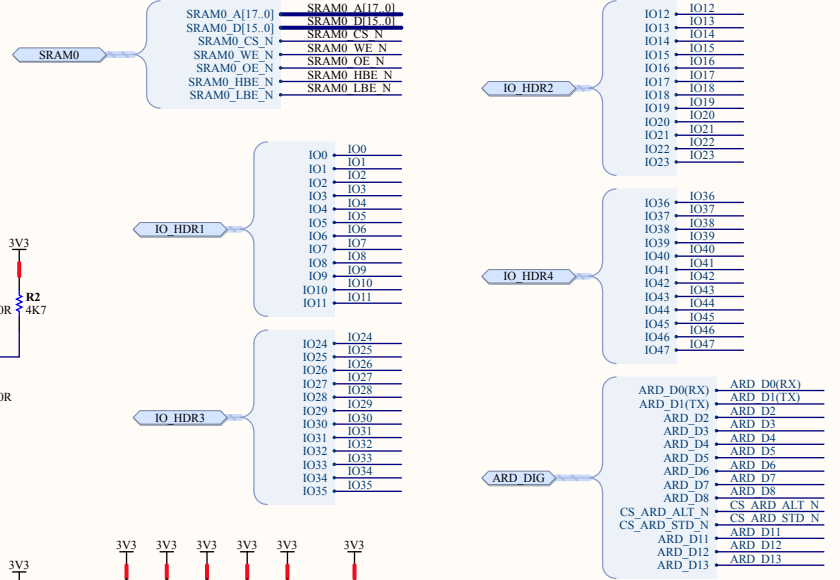
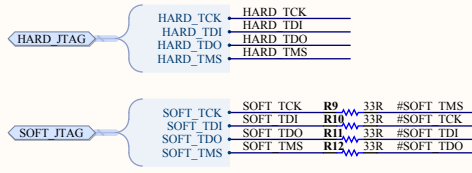
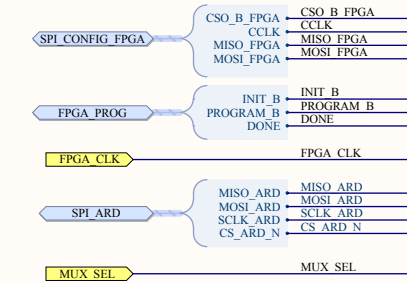
ARDUINO PCB CONNECTORS



Power Supply 2V4 to 3V7



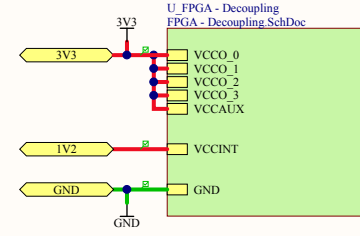


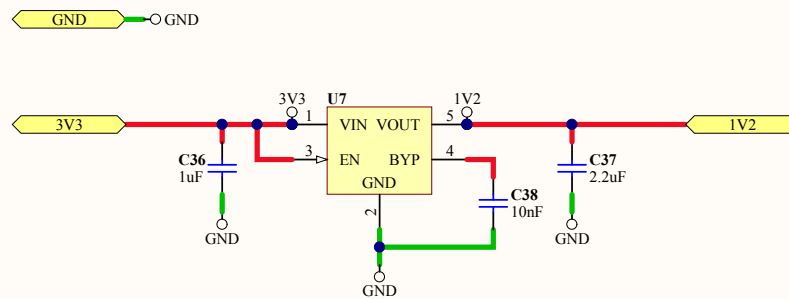


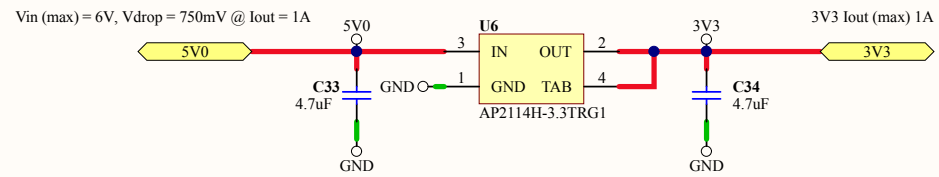
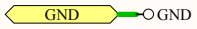
XC6SLX9-2TQG144C

XC6SLX9-2TQG144C

XC6SLX9-2TQG144C





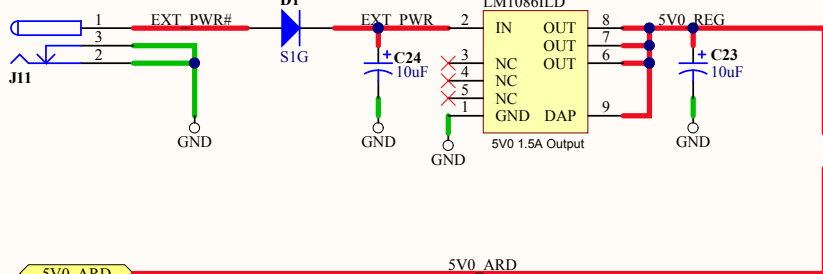




2-WAY JUMPER - POWER SUPPLY SELECT

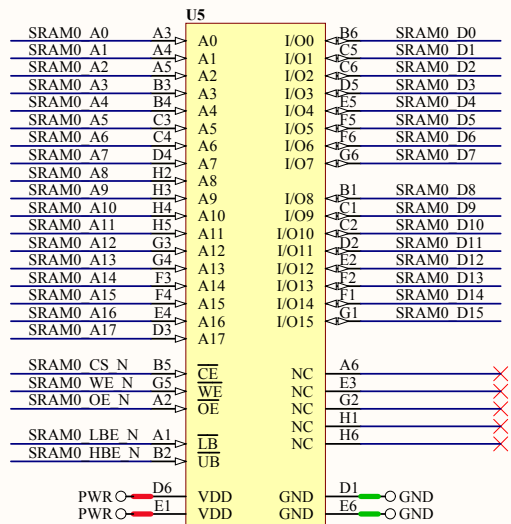
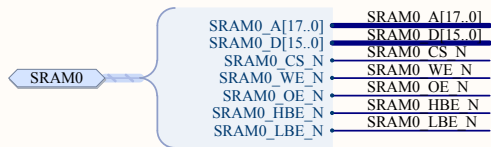
⚡ NOTE: Disconnect power adapter and arduino USB cable prior to changing jumper settings. Risk of electric shock or damage to board.

6V3-15VDC INPUT



Arduino 3V3 supply severely limits current -- driving from 5V0 input into independent LDO

5V0 500mA Output (USB)



IS61WV12816DBLL-10BLI

