





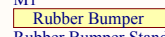







- SCRW1
 SCRW - 4-40x1/4-Nylon
- SCRW2
 SCRW - 4-40x1/4-Nylon
- SCRW3
 SCRW - 4-40x1/4-Nylon
- SCRW4
 SCRW - 4-40x1/4-Nylon
- STDOFF1
 STDOFF - 4-40-5/8"
- STDOFF2
 STDOFF - 4-40-5/8"
- M1
 Rubber Bumper
Rubber Bumper Standoff

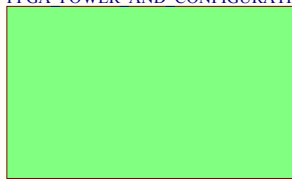
U_LOGIC_FPGA
LOGIC_FPGA.SchDoc


U_DIGITAL_IO
DIGITAL_IO.SchDoc


U_PERIPHERAL_PORT_IO
PERIPHERAL_PORT_IO.SchDoc


U_RAM
RAM.SchDoc


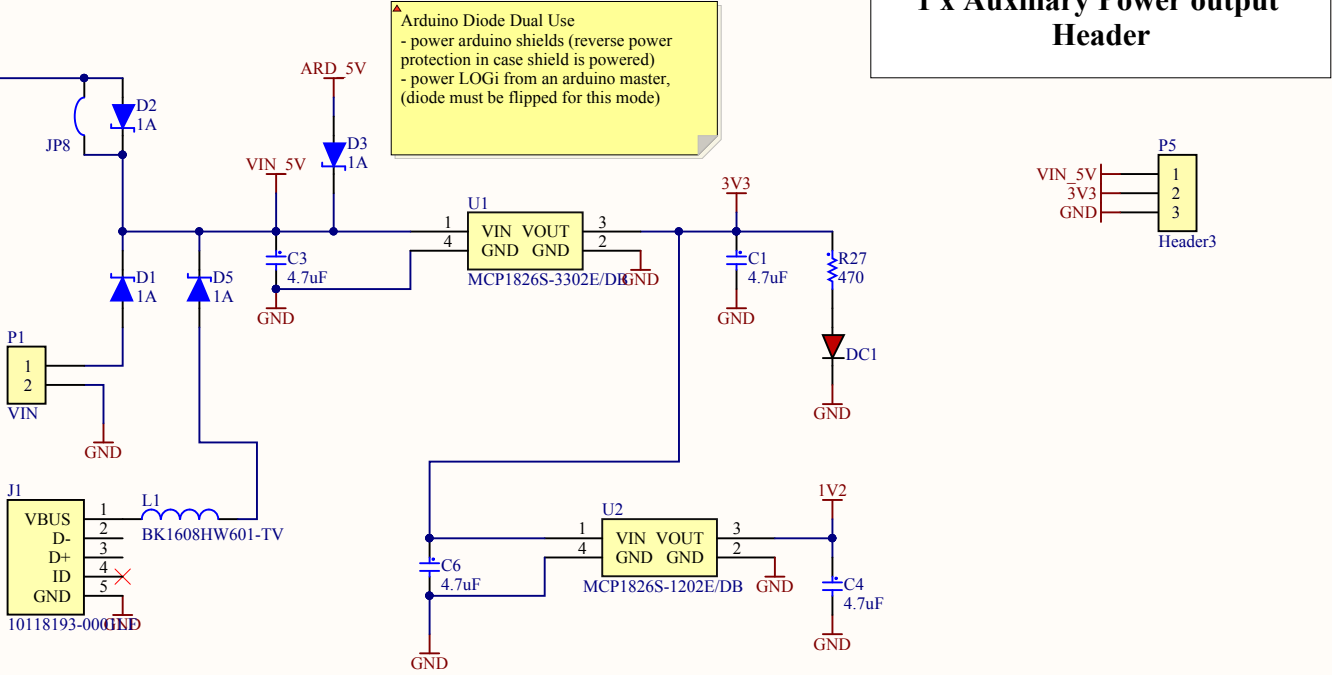
U_POWER_SUPPLY
POWER_SUPPLY.SchDoc


U_FPGA_POWER_AND_CONFIGURATION
FPGA_POWER_AND_CONFIGURATION.SchDoc


Power: By Default Power will be supplied by the .

Raspberry Pi

Optionally power can be supplied through FPGA VIN header.



LOGI-LOGO

LOGO1

VALENTFX-LOGO-500

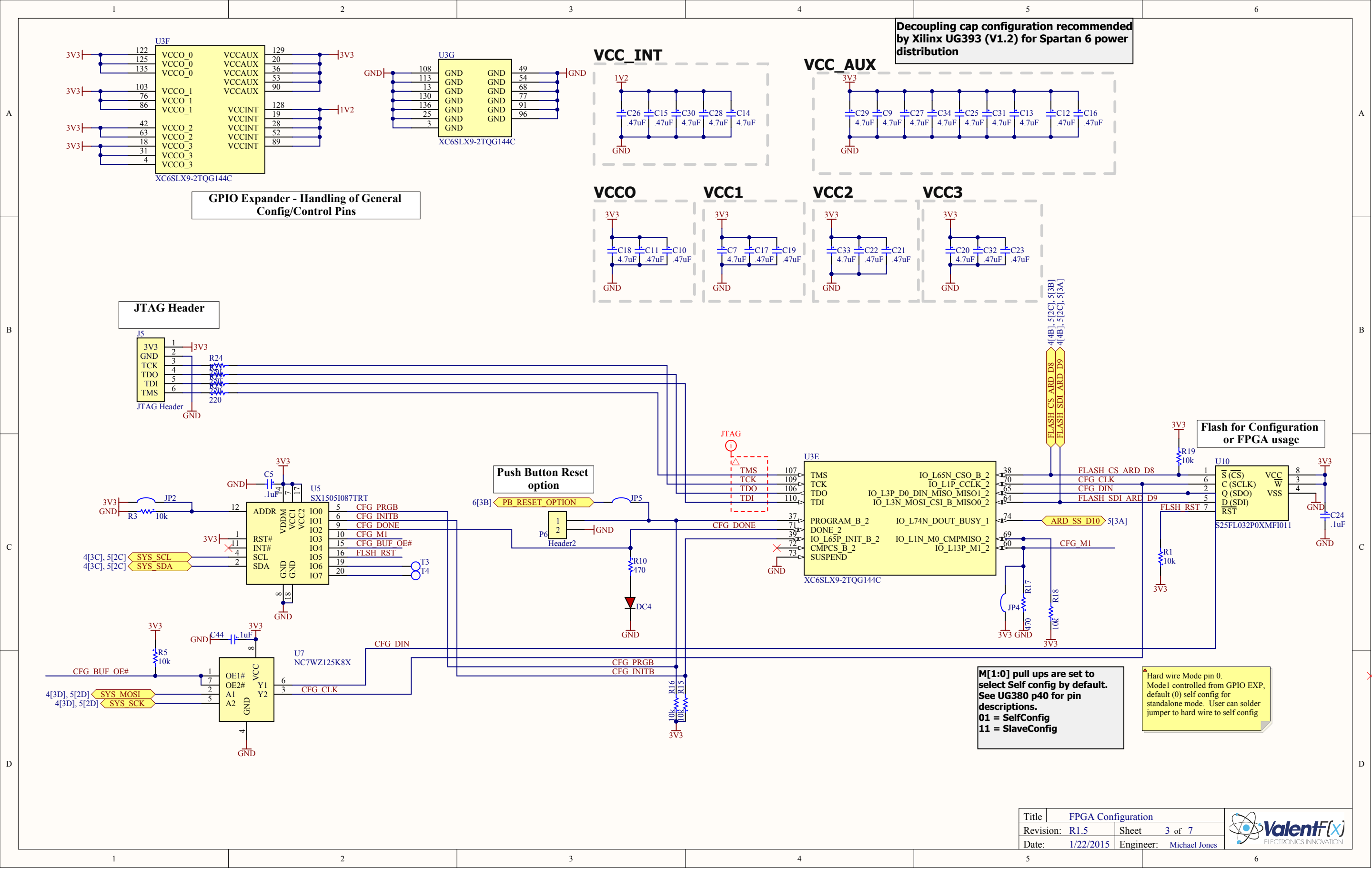
Logo2

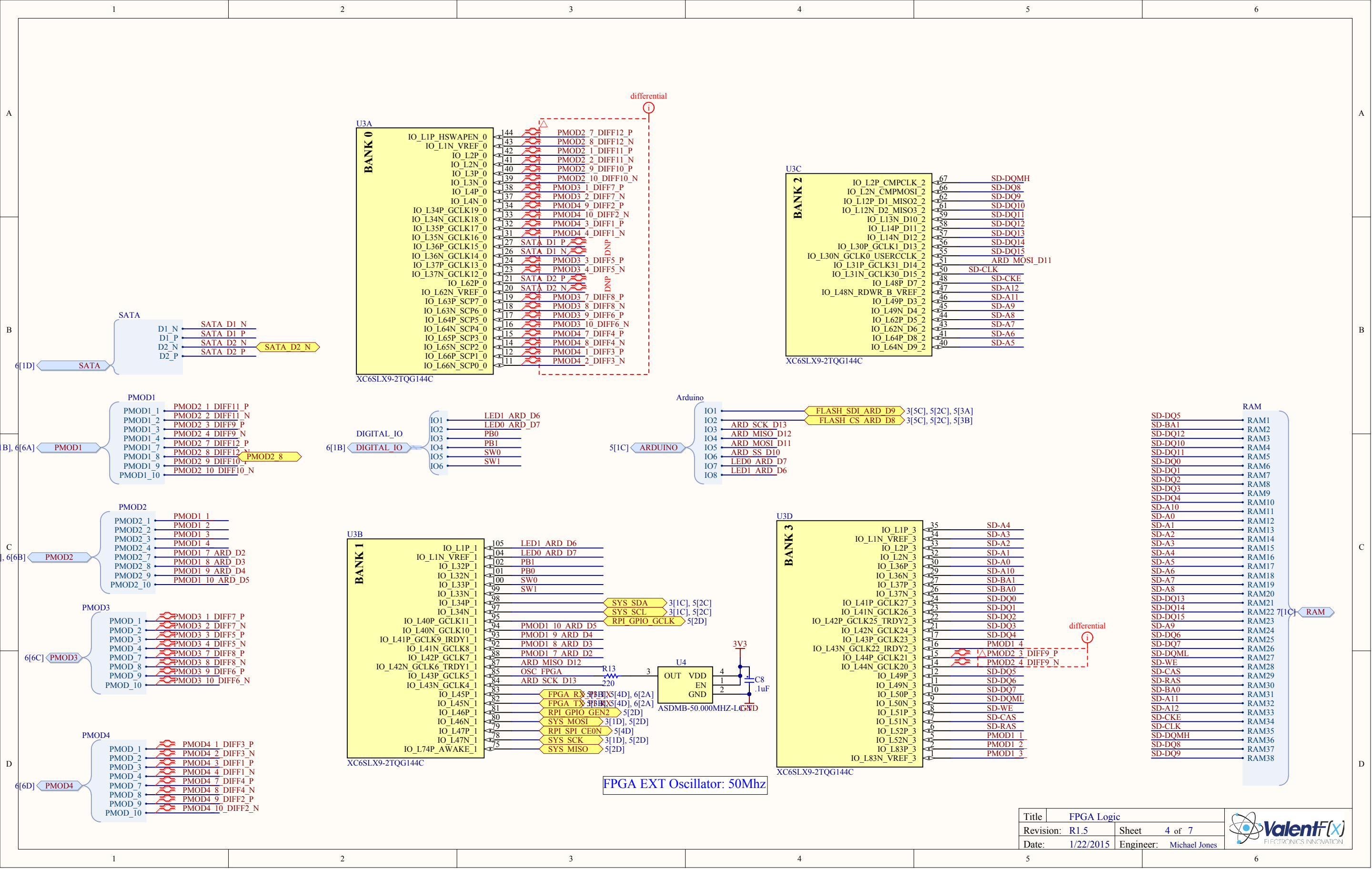
VALENTFX-LOGO-750

Logo3

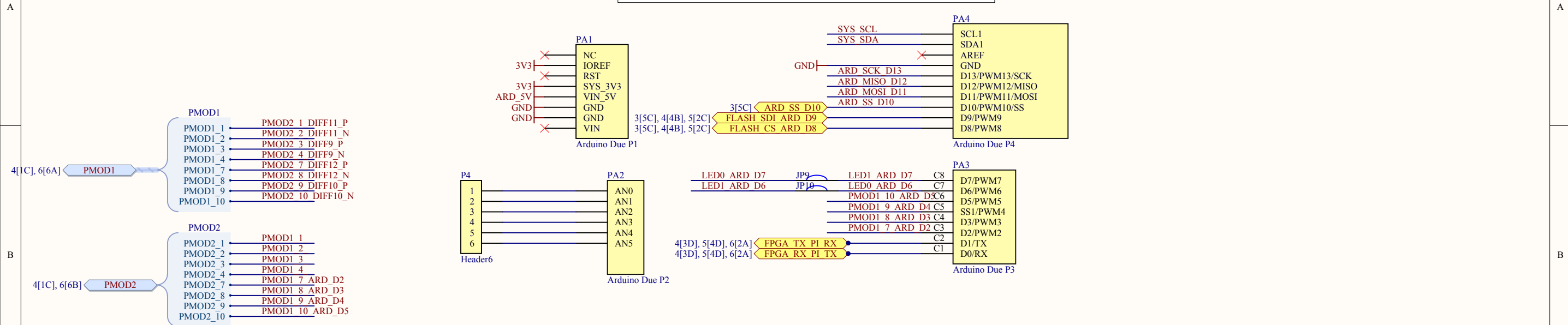
Title:	Power Supply		
Revision:	R1.5	Sheet	2 of 7
Date:	1/22/2015	Engineer:	Michael Jones



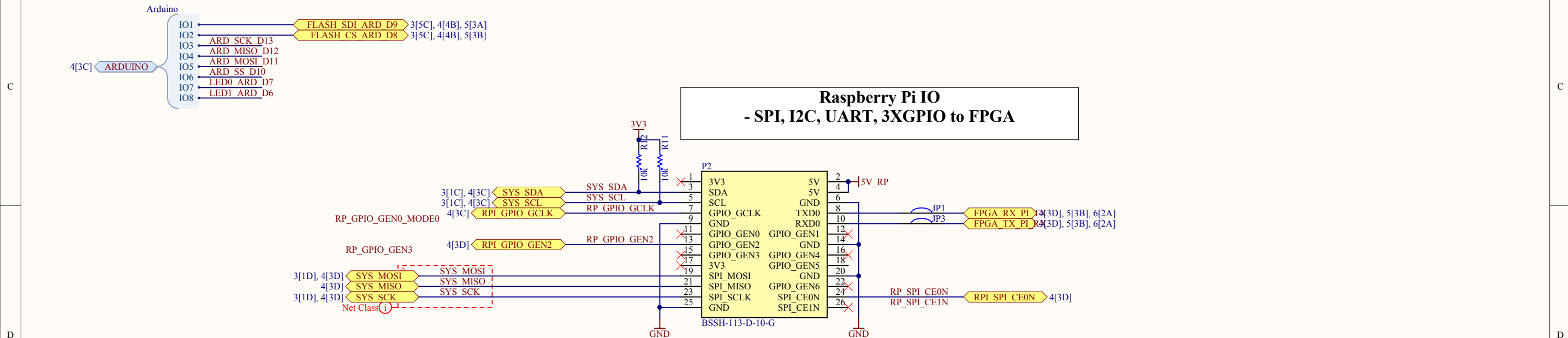





Arduino IO

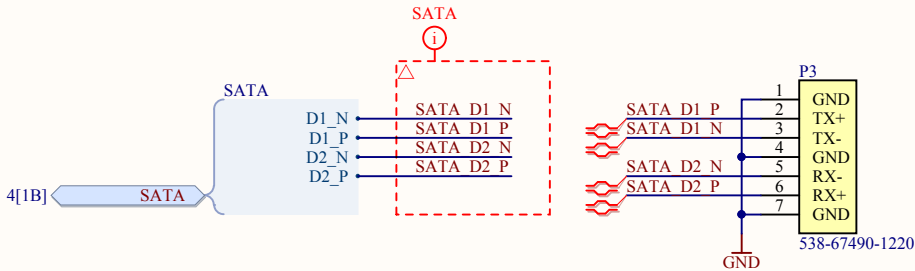
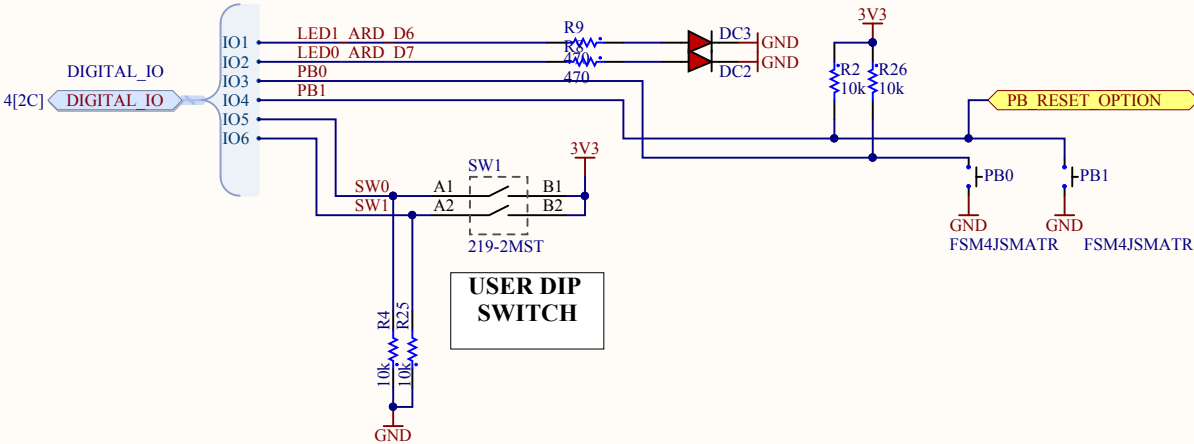
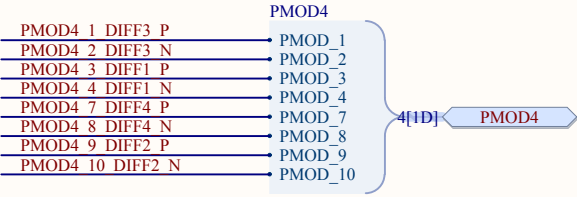
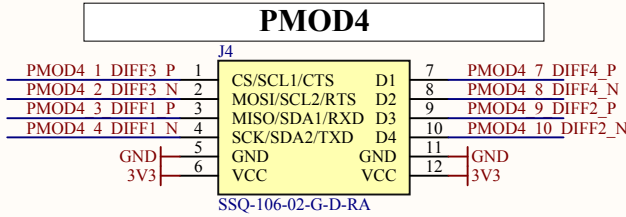
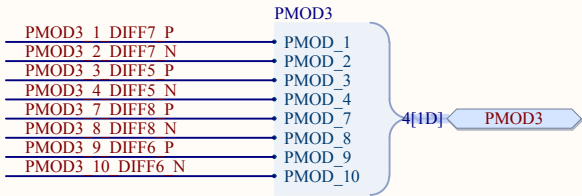
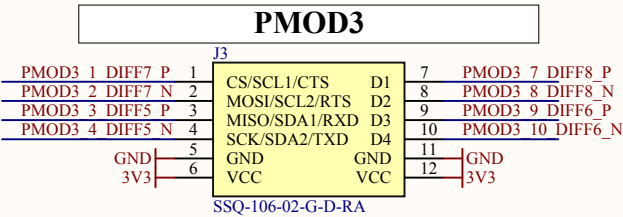
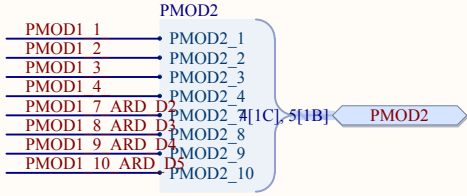
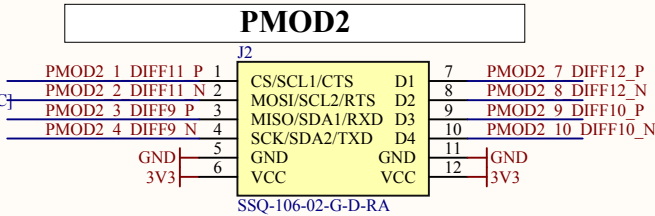
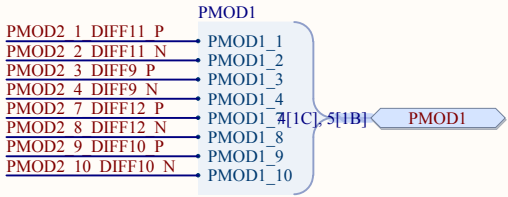
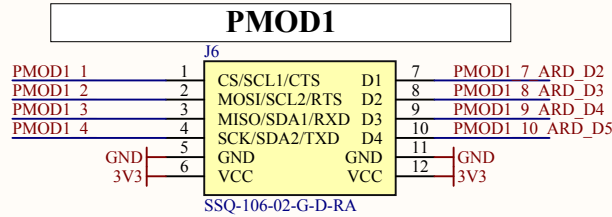


Raspberry Pi IO - SPI, I2C, UART, 3XGPIO to FPGA



Title	Peripheral Port IO		
Revision:	R1.5	Sheet 5 of 7	
Date:	1/22/2015	Engineer: Michael Jones	

DIGITAL IO



A

B

C

D

A

B

C

D

