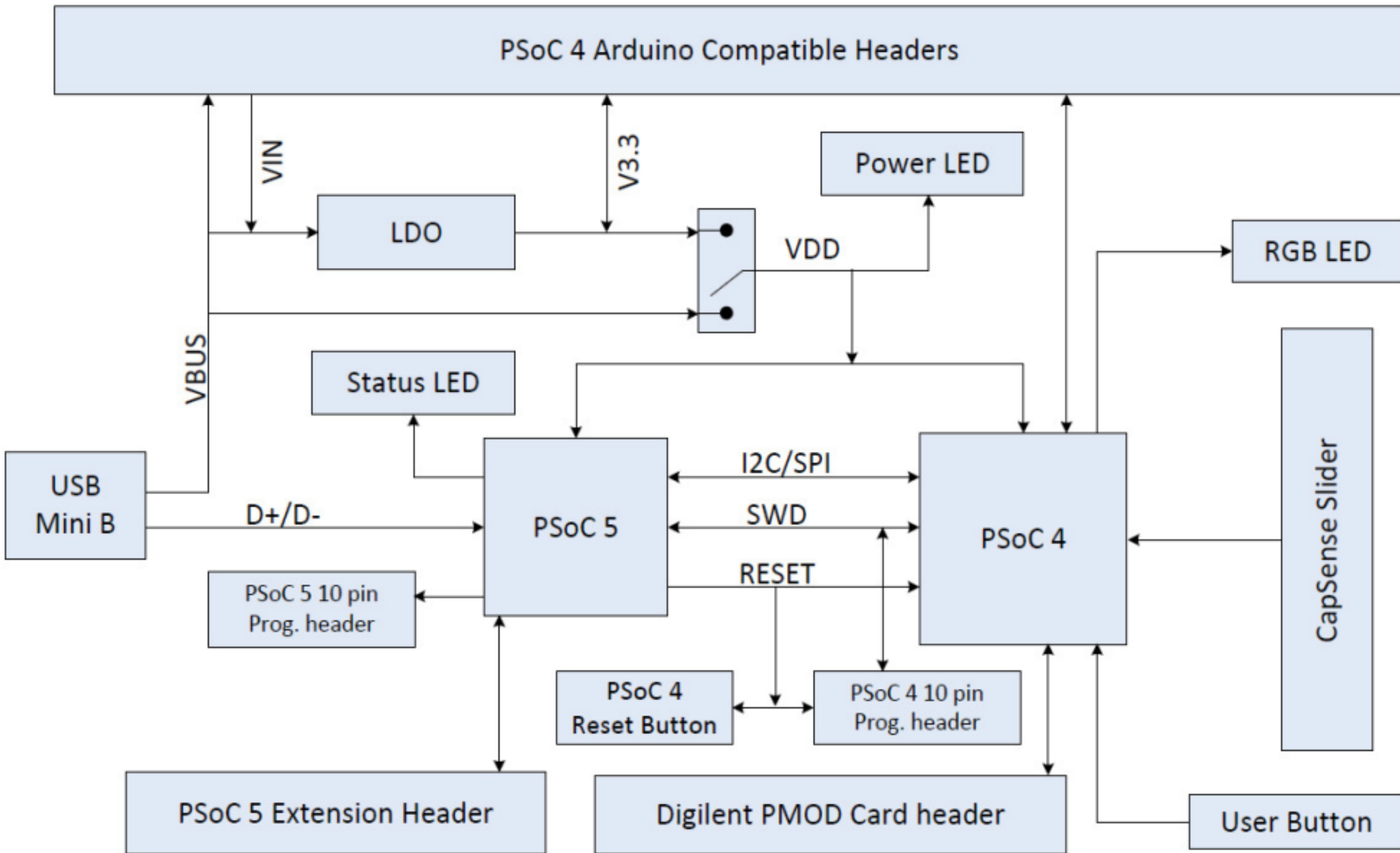


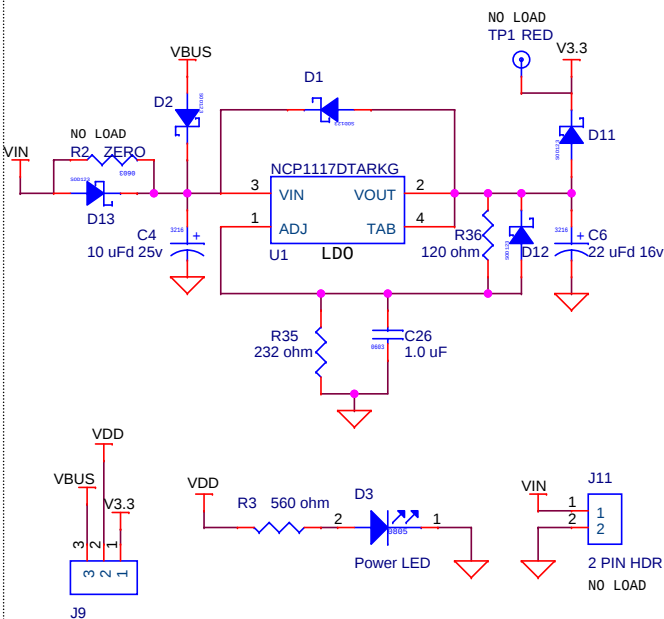


PCA: 121-60040-01
PCB: 600-60050-01
FAB DRW: 610-60048-01
ASSY DRW: 620-60051-01

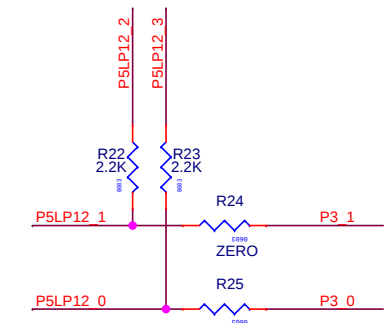
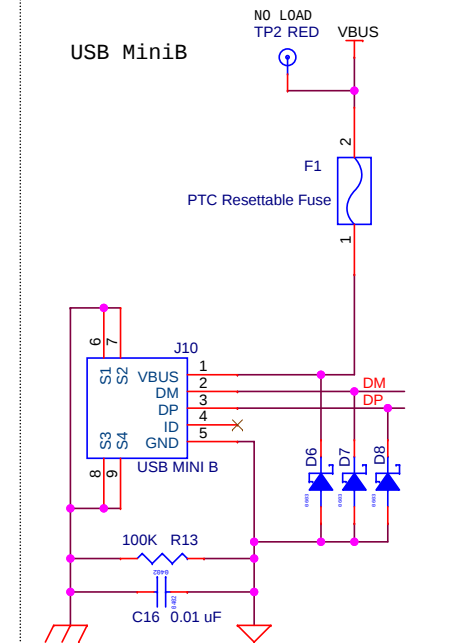
CYPRESS SEMICONDUCTOR © 2013		
Title CY8CKIT-042 PSoC 4 Pioneer Kit		
Size	Document Number 630-60050-01	Rev 03
Date:	Monday, April 01, 2013	Sheet 1 of 2

Power Supply

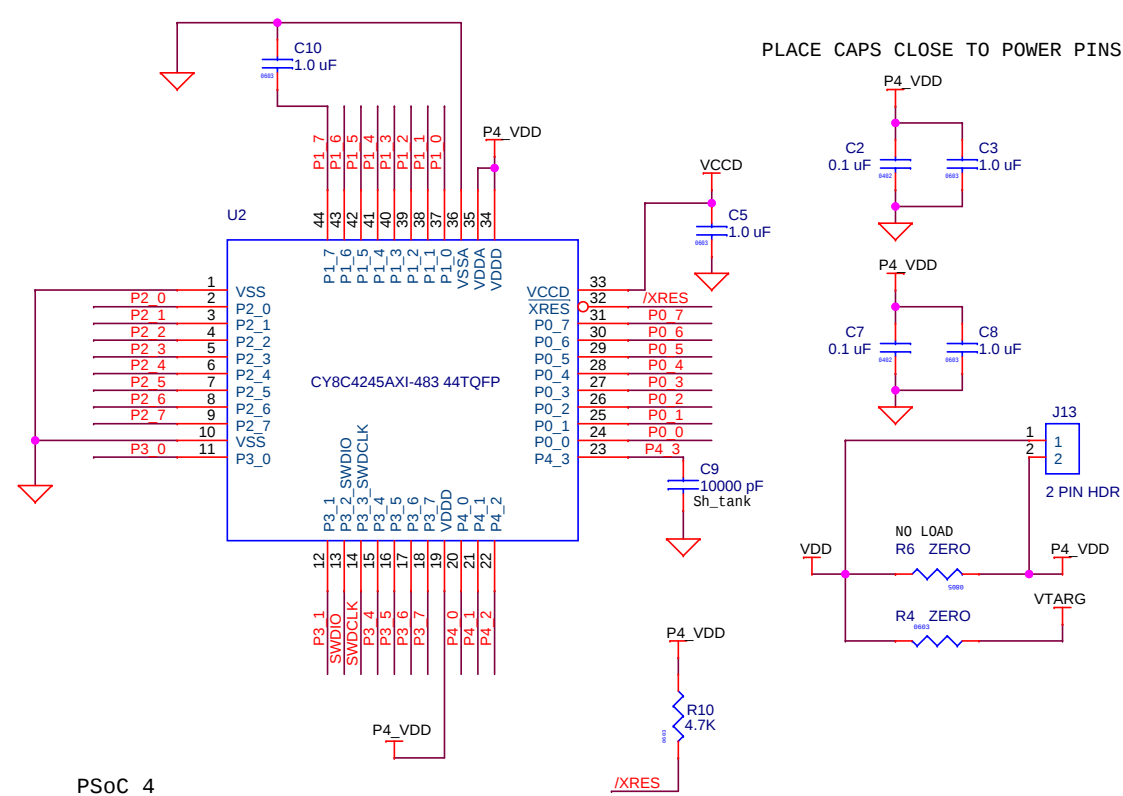
Input Voltage Range VIN is 5-12V



USB MiniB

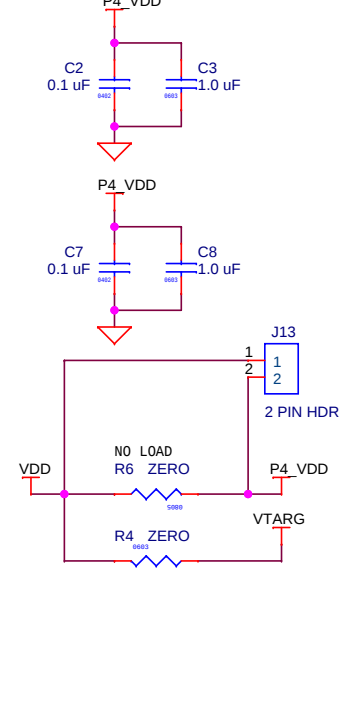


I2C Connection b/w PSoC 5LP and PSoC 4



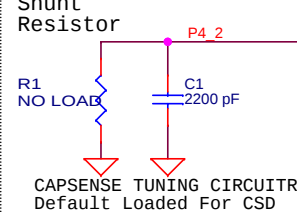
PSoC 4

PLACE CAPS CLOSE TO POWER PINS



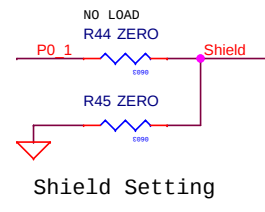
PSoC 4

Shunt Resistor

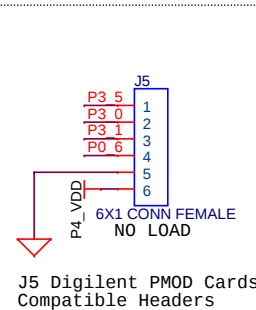


CAPSENSE TUNING CIRCUITRY Default Loaded For CSD

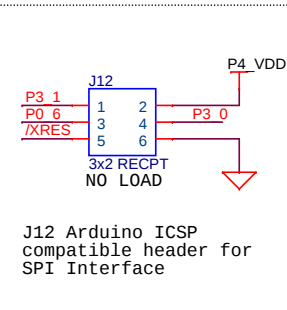
Shield Setting



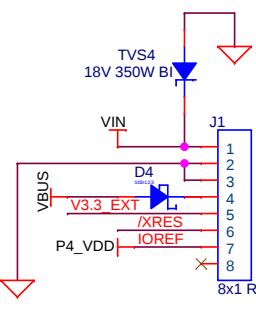
Shield Setting



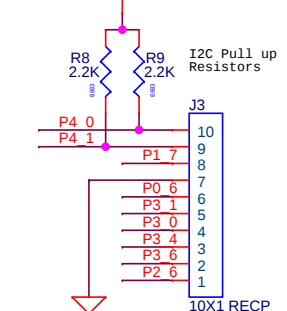
J5 Digilent PMOD Cards Compatible Headers



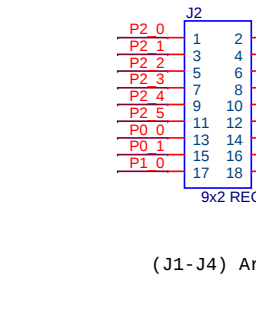
J12 Arduino ICSP compatible header for SPI Interface



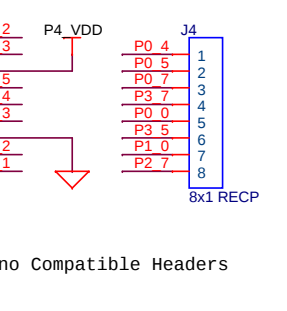
J1 8X1 RECP



J3 10X1 RECP

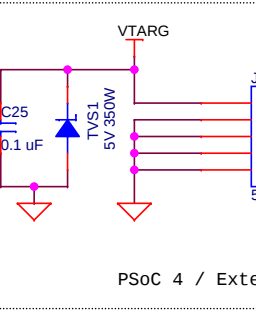


J2 9X2 RECP

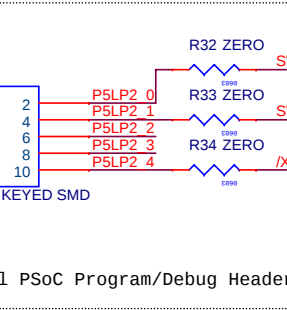


J4 8X1 RECP

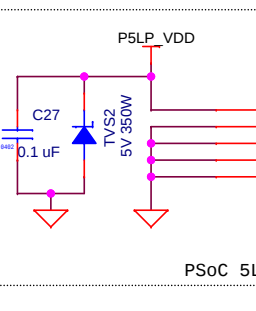
(J1-J4) Arduino Compatible Headers



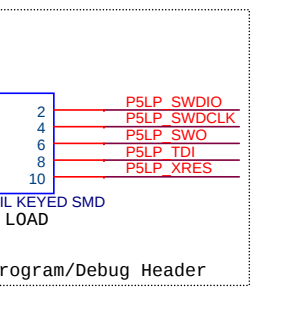
PSoC 4 / External PSoC Program/Debug Header



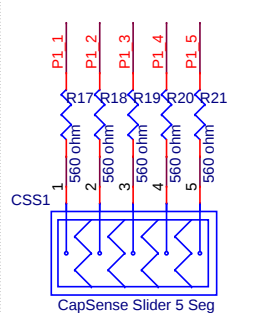
PSoC 4 / External PSoC Program/Debug Header



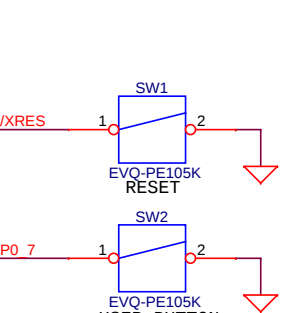
PSoC 5LP Program/Debug Header



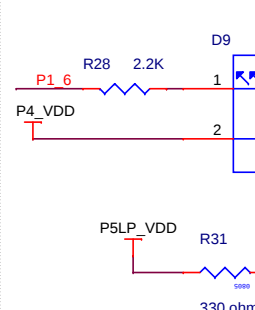
PSoC 5LP Program/Debug Header



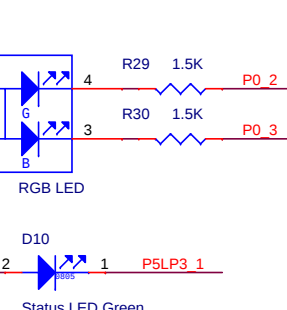
CapSense Slider 5 Seg



EVQ-PE105K RESET

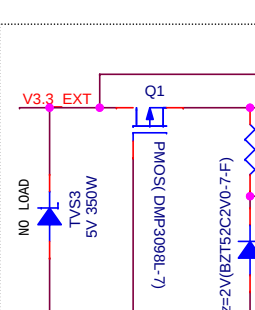


RGB LED

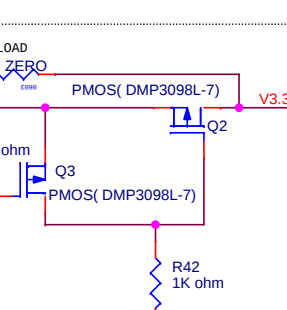


Status LED Green

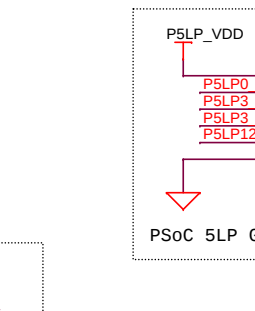
User Interface



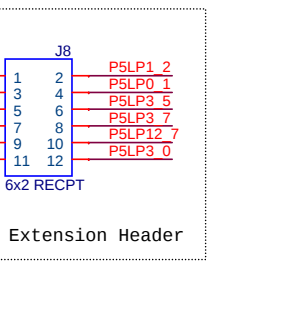
Protection Circuit



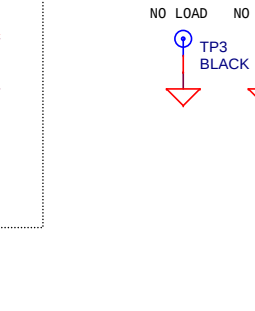
Protection Circuit



PSoC 5LP GPIO Extension Header



PSoC 5LP GPIO Extension Header



TP3 BLACK, TP4 BLACK, TP5 BLACK, TP6 BLACK

PCA: 121-60040-01

PCB: 600-60050-01

FAB DRW: 610-60048-01

ASSY DRW: 620-60051-01

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CY8CKIT-042 PSoC 4 Pioneer Kit		
Title	Document Number	Rev
Size	630-60050-01	03
Date:	Monday, April 01, 2013	Sheet 2 of 2