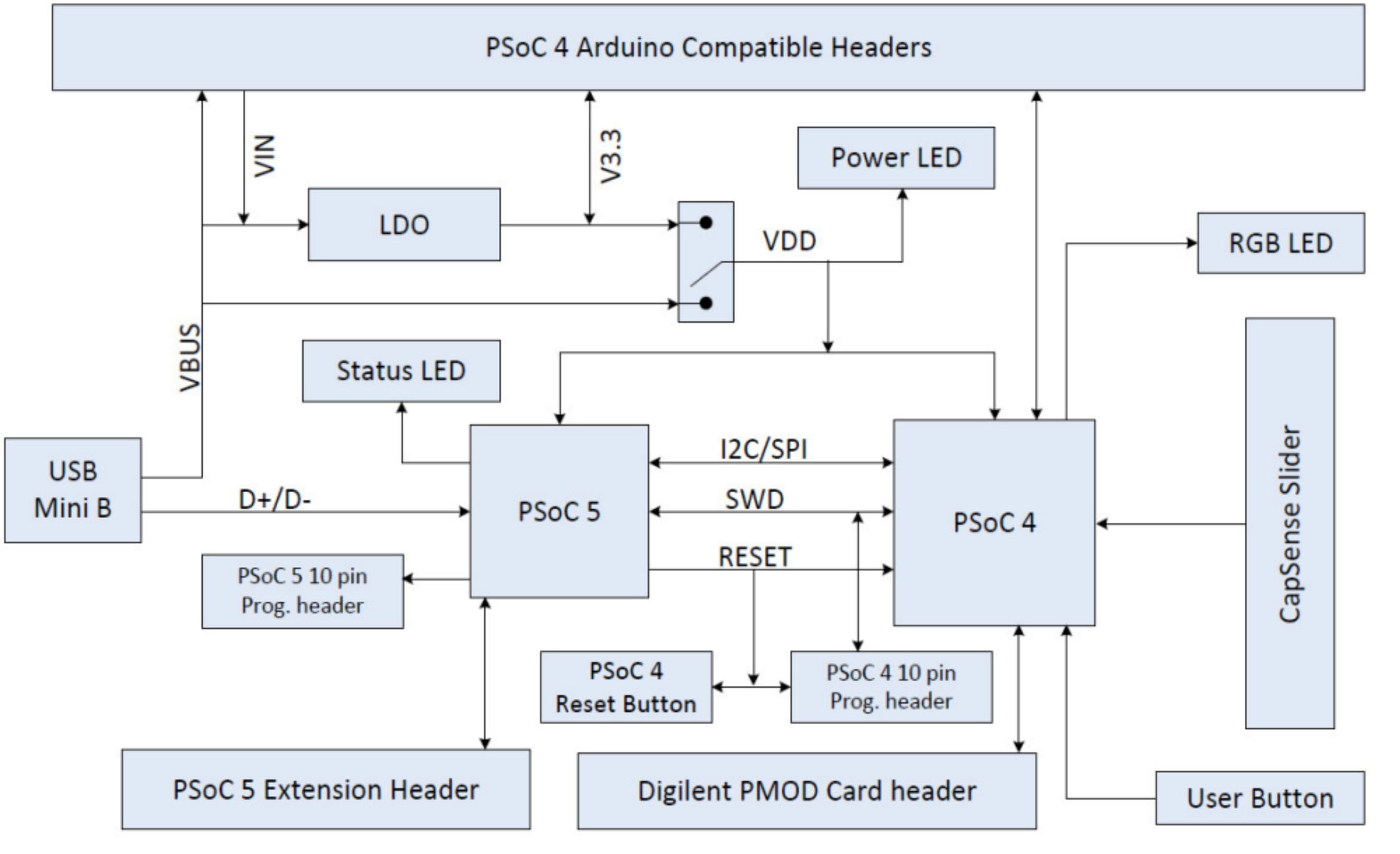


PCA: 121-60040-01
PCB: 600-60050-01
FAB DRW: 610-60048-01
ASSY DRW: 620-60051-01

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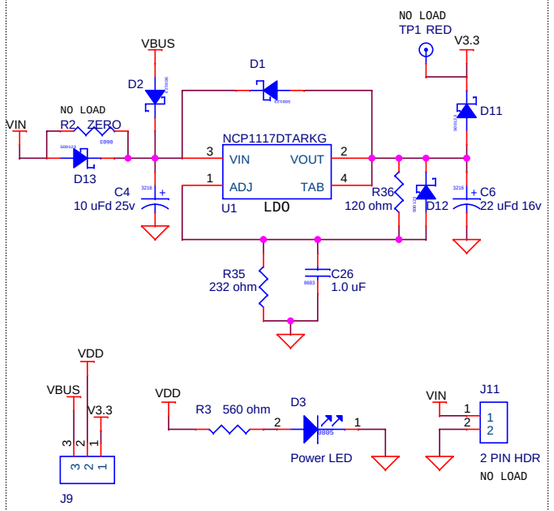
Title
CY8CKIT-042 PSoC 4 Pioneer Kit

Size	Document Number	Rev
	630-60050-01	**03**

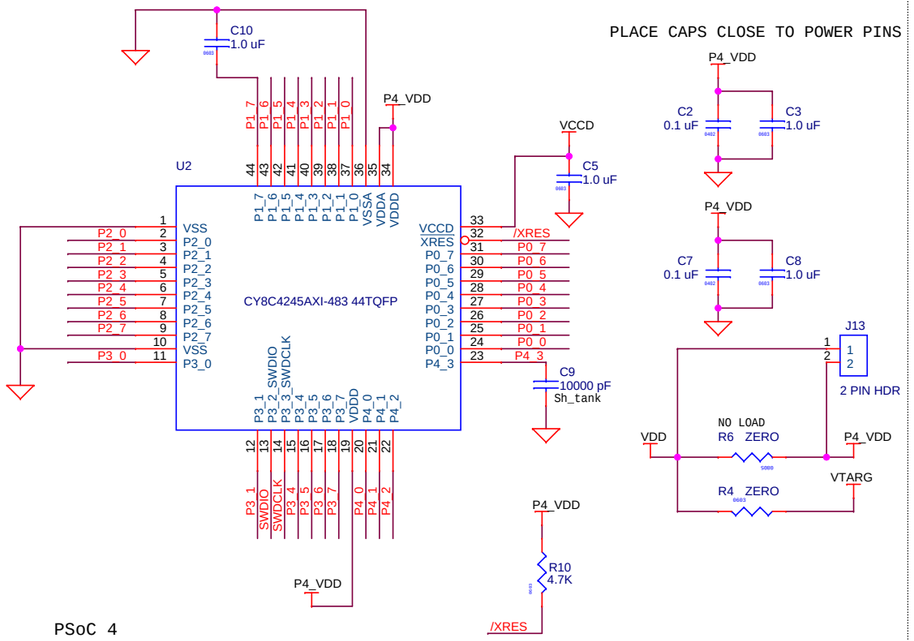
Date: Monday, April 01, 2013 Sheet 1 of 2

Power Supply

Input Voltage Range VIN is 5-12V

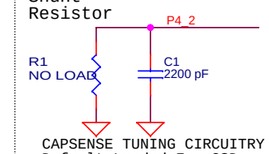


PSoC 4



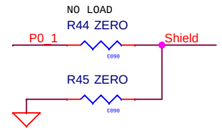
PLACE CAPS CLOSE TO POWER PINS

Shunt Resistor

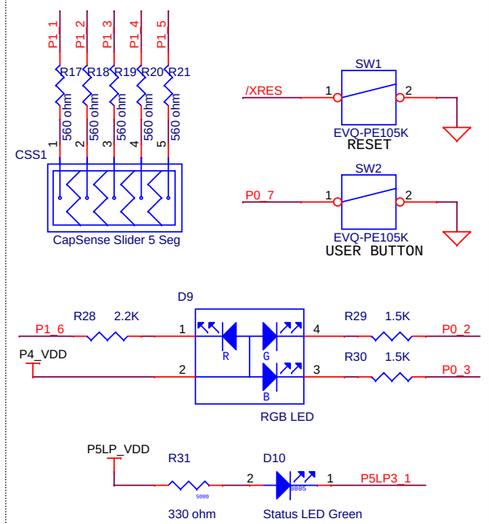


CAPSENSE TUNING CIRCUITRY
Default Loaded For CSD

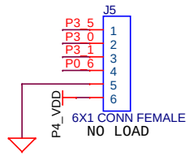
Shield Setting



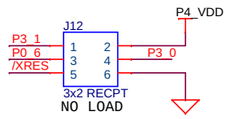
User Interface

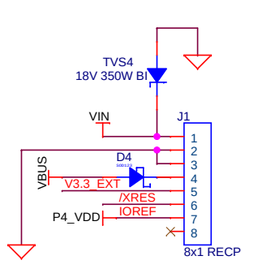


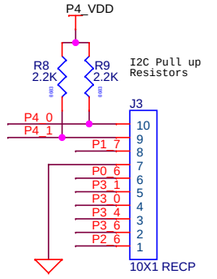
J5 Digilent PMOD Cards Compatible Headers

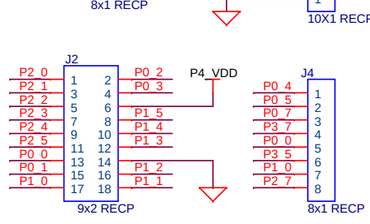


J12 Arduino ICSP compatible header for SPI Interface



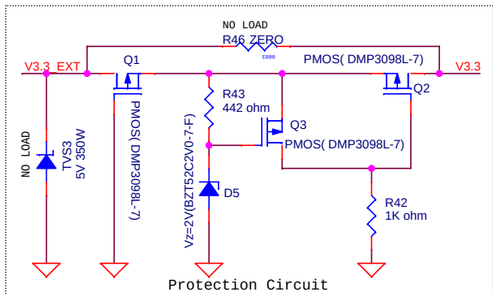




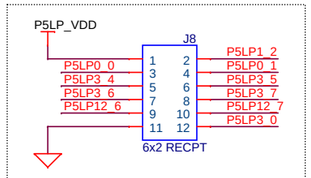


(J1-J4) Arduino Compatible Headers

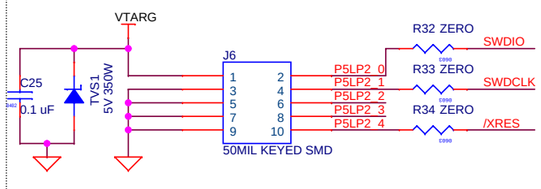
Protection Circuit



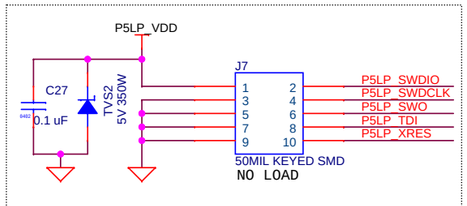
PSoC 5LP GPIO Extension Header



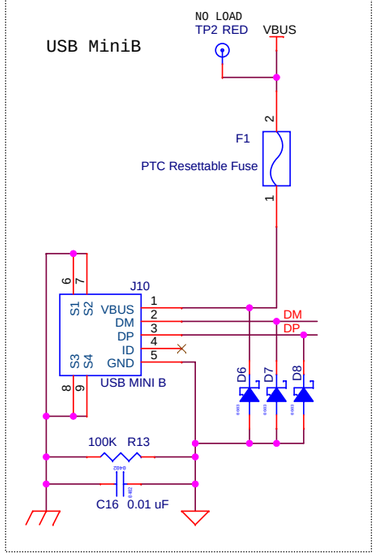
PSoC 4 / External PSoC Program/Debug Header

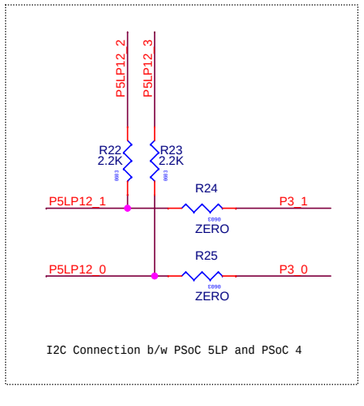


PSoC 5LP Program/Debug Header



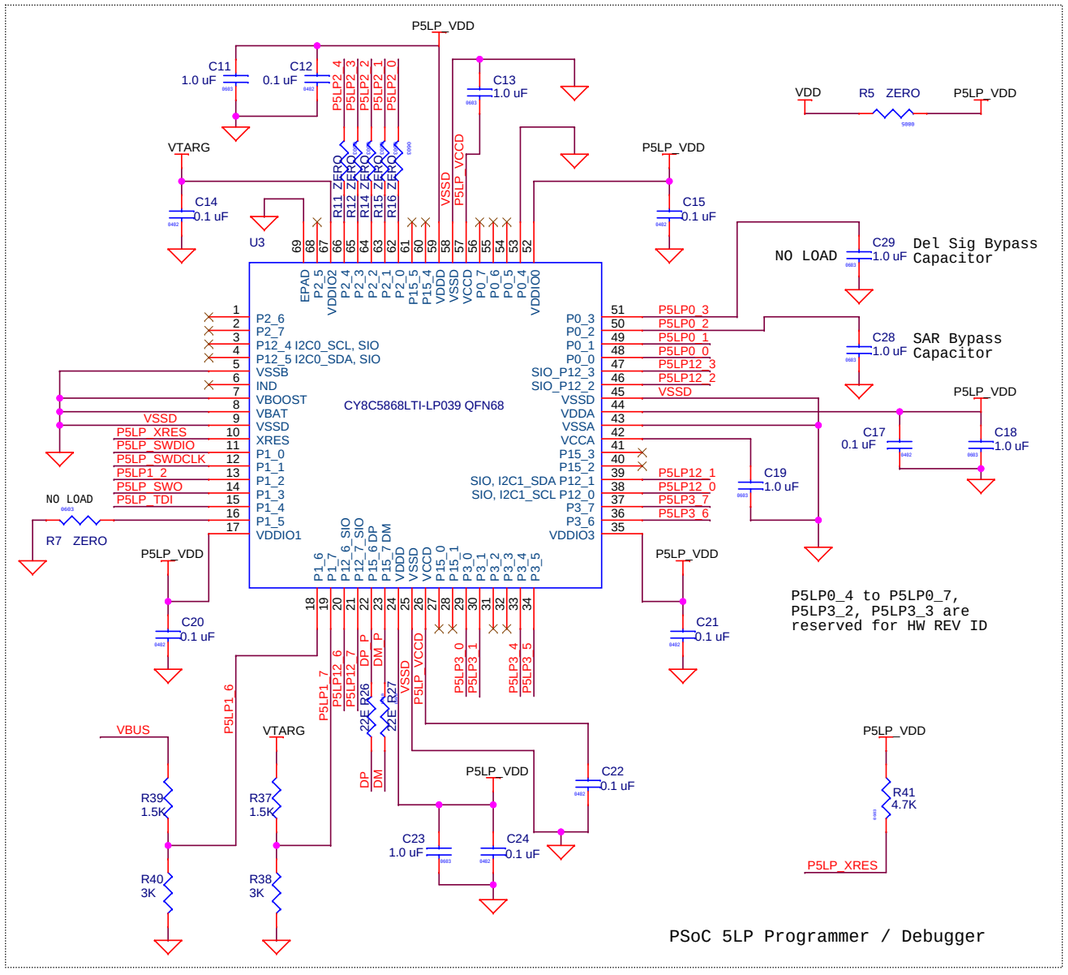
USB MiniB





I2C Connection b/w PSoC 5LP and PSoC 4

PSoC 5LP Programmer / Debugger



VDD R5 ZERO P5LP_VDD

NO LOAD TP3 BLACK NO LOAD TP4 BLACK NO LOAD TP5 BLACK NO LOAD TP6 BLACK

PCA: 121-60040-01
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Title: **CY8CKIT-042 PSoC 4 Pioneer Kit**		
Size	Document Number: **630-60050-01**	Rev: **03**
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