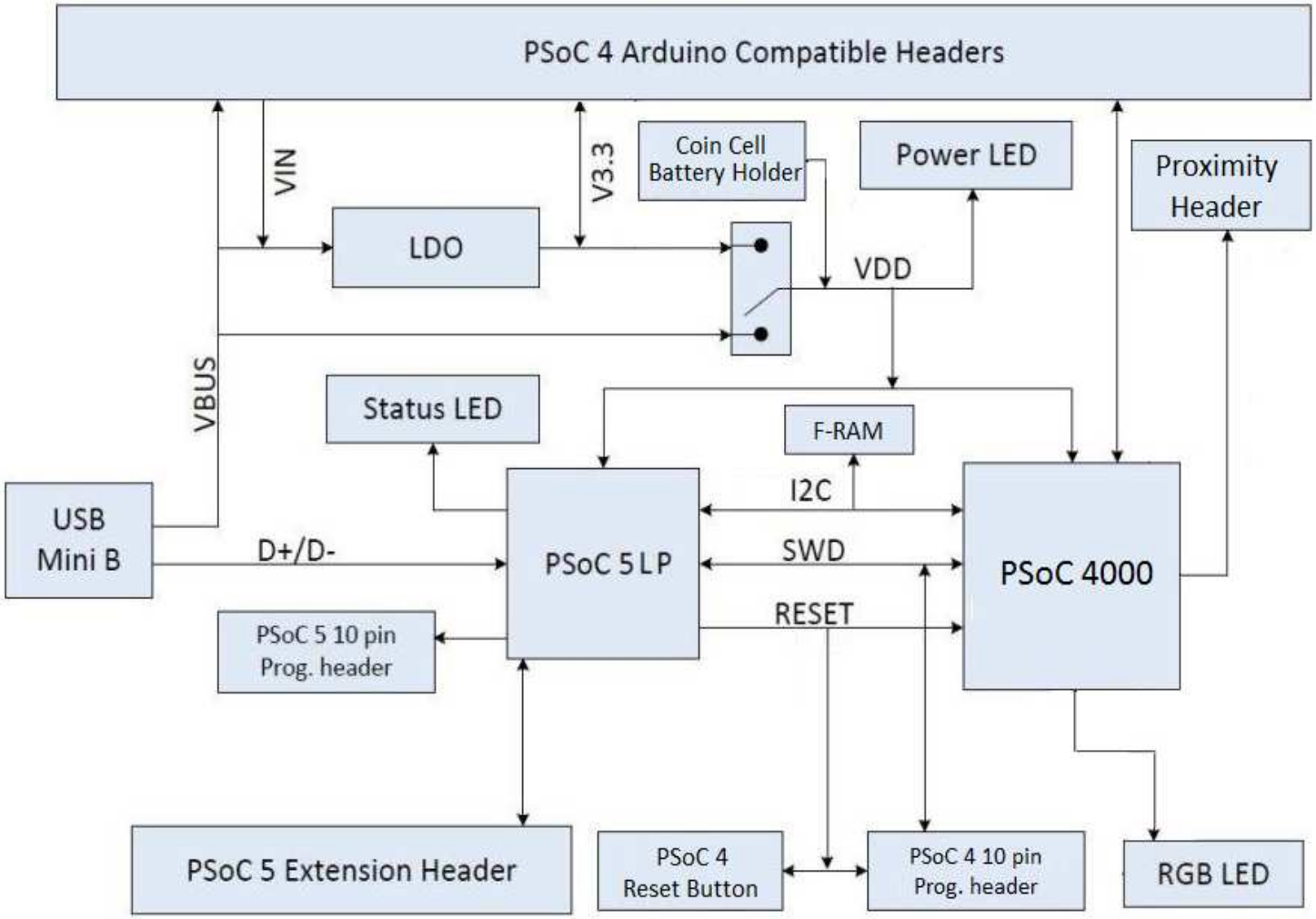


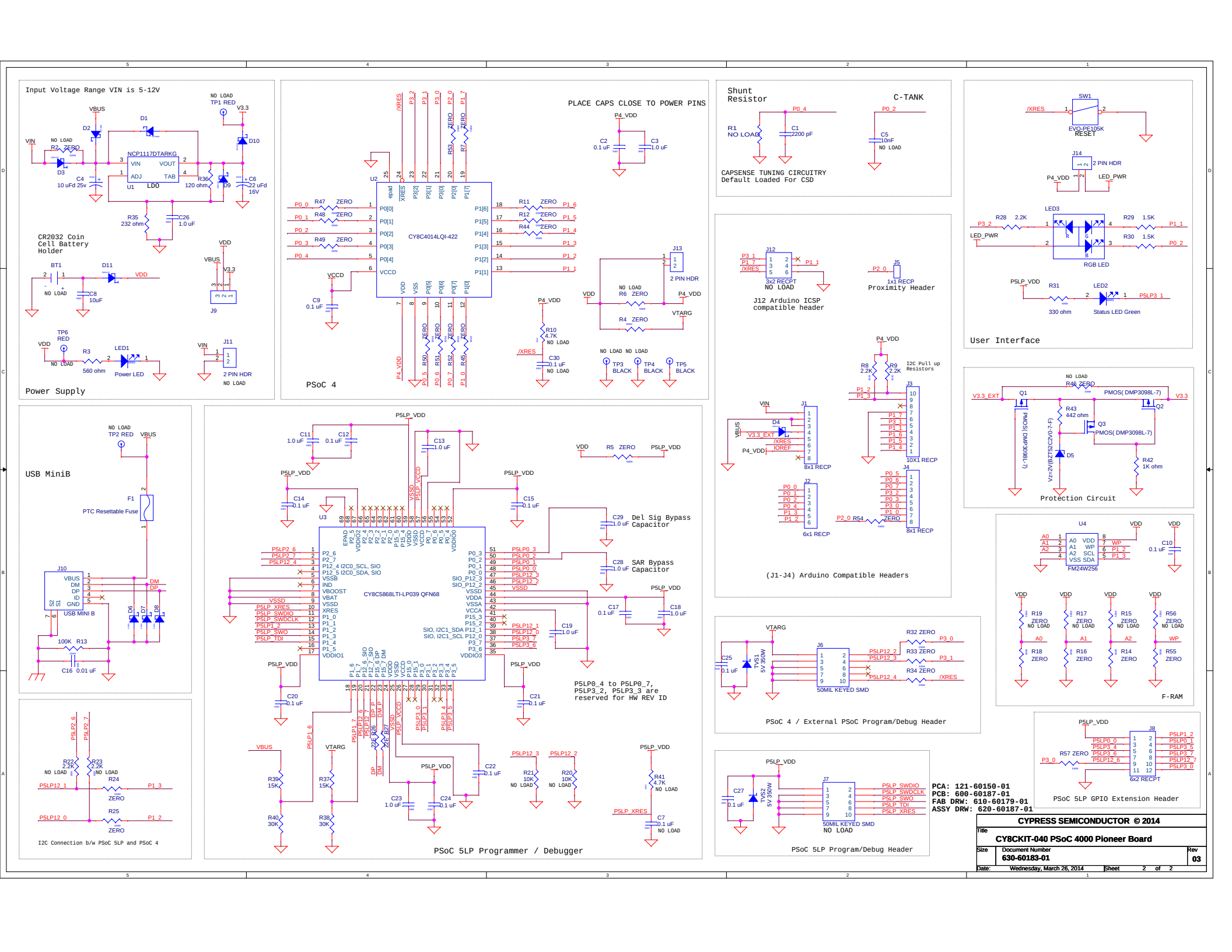
PCA: 121-60150-01
PCB: 600-60187-01
FAB DRW: 610-60179-01
ASSY DRW: 620-60187-01

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Title: **CY8CKIT-040 PSoC 4000 Pioneer Board**

Size	Document Number	Rev
A	**630-60183-01**	**03**

Date: Wednesday, March 26, 2014 Sheet 1 of 2


Input Voltage Range VIN is 5-12V
NCP1117DTARKG
LDO
CR2032 Coin Cell Battery Holder
Power Supply
PLACE CAPS CLOSE TO POWER PINS
CY8C4014LQI-422
PSoC 4
Shunt Resistor
C-TANK
CAPSENSE TUNING CIRCUITRY
Default Loaded For CSD
J12 Arduino ICSP compatible header
Proximity Header
(J1-J4) Arduino Compatible Headers
SW1
EVQ-PE105K
RESET
LED3
RGB LED
Status LED Green
User Interface
PMOS(DMP3098L-7)
Protection Circuit
FM24W256
F-RAM
USB MiniB
USB MINI B
PTC Resettable Fuse
CY8C5868LTI-LP039 QFN68
Del Sig Bypass Capacitor
SAR Bypass Capacitor
P5LP0_4 to P5LP0_7, P5LP3_2, P5LP3_3 are reserved for HW REV ID
PSoC 5LP Programmer / Debugger
PSoC 4 / External PSoC Program/Debug Header
PSoC 5LP Program/Debug Header
PSoC 5LP GPIO Extension Header
I2C Connection b/w PSoC 5LP and PSoC 4
PCA: 121-60150-01
PCB: 600-60187-01
FAB DRW: 610-60179-01
ASSY DRW: 620-60187-01
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CY8CKIT-040 PSoC 4000 Pioneer Board
Document Number 630-60183-01
Rev 03
Wednesday, March 26, 2014
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