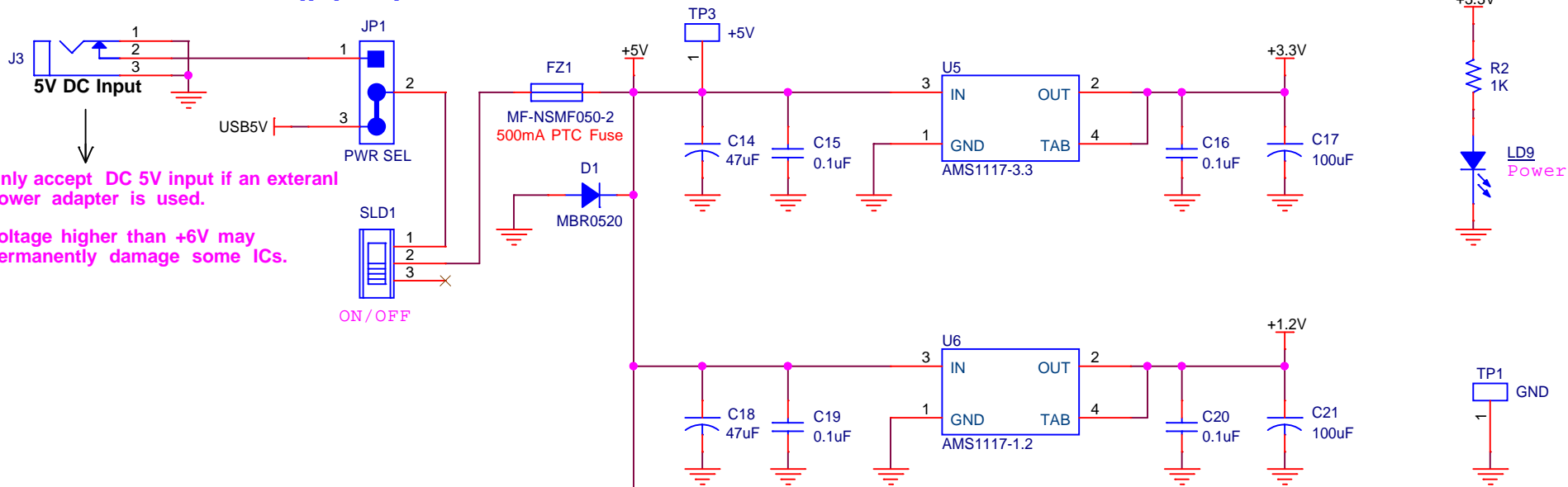


Please read the instruction guide for details about configuring external configuration device(EPCS4) via JTAG interface.

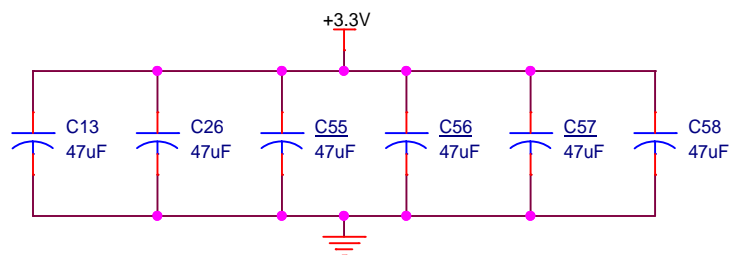
Power could be sourced from USB bus or an external wall adapter.
Use JP1 to select the appropriate power source.



Only accept DC 5V input if an external power adapter is used.

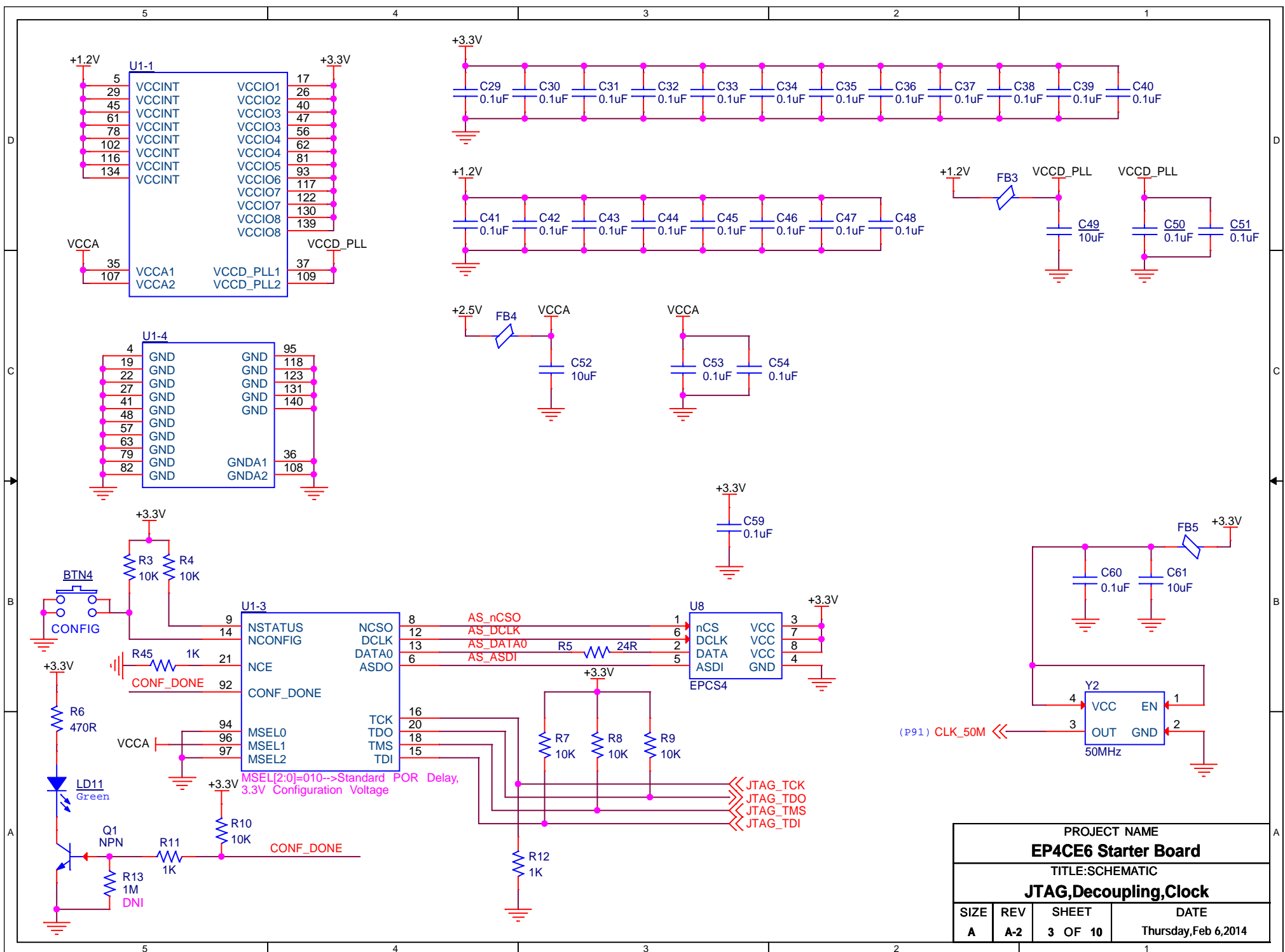
Voltage higher than +6V may permanently damage some ICs.

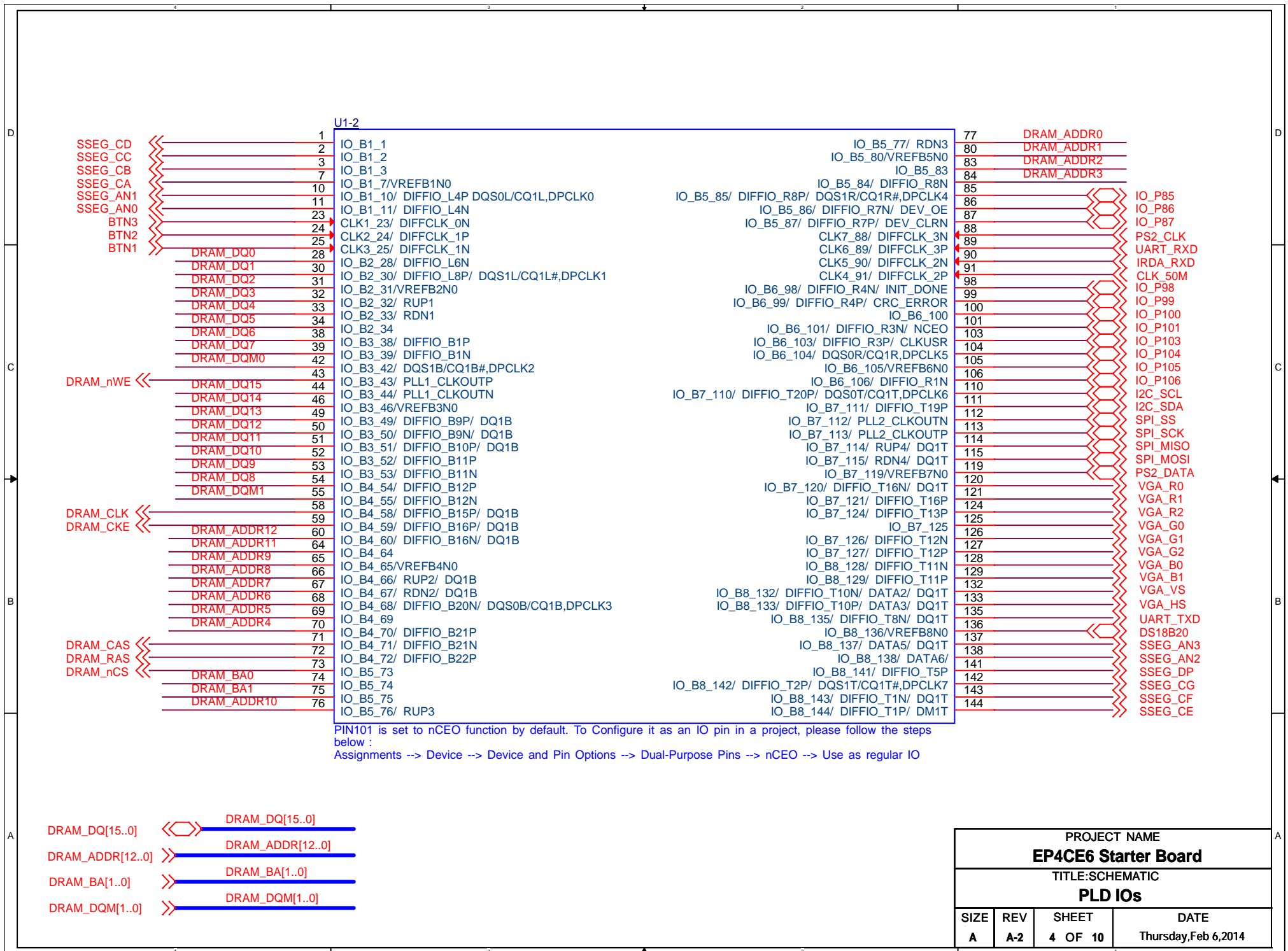
ON/OFF

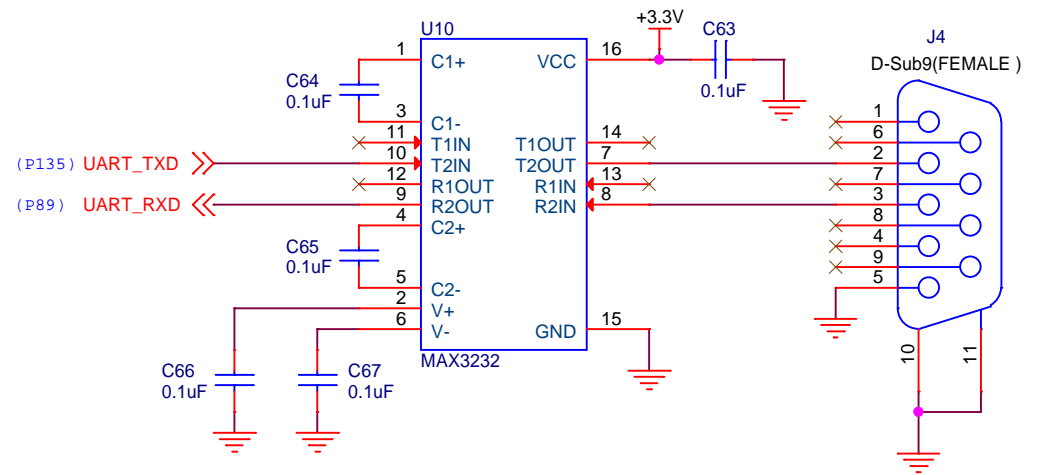
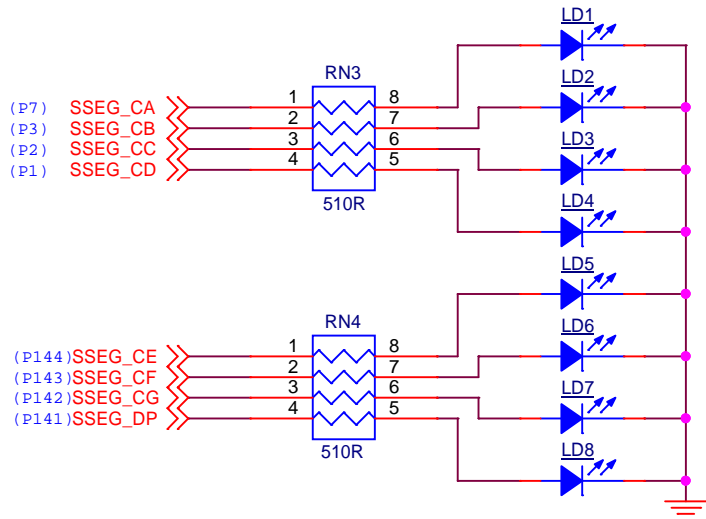
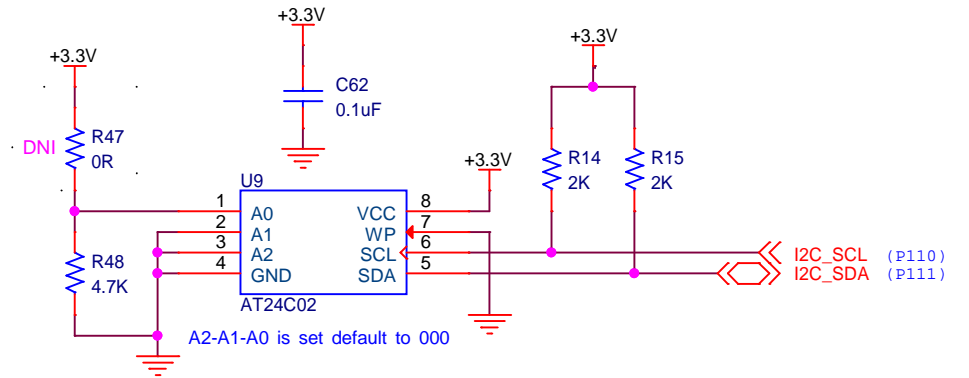
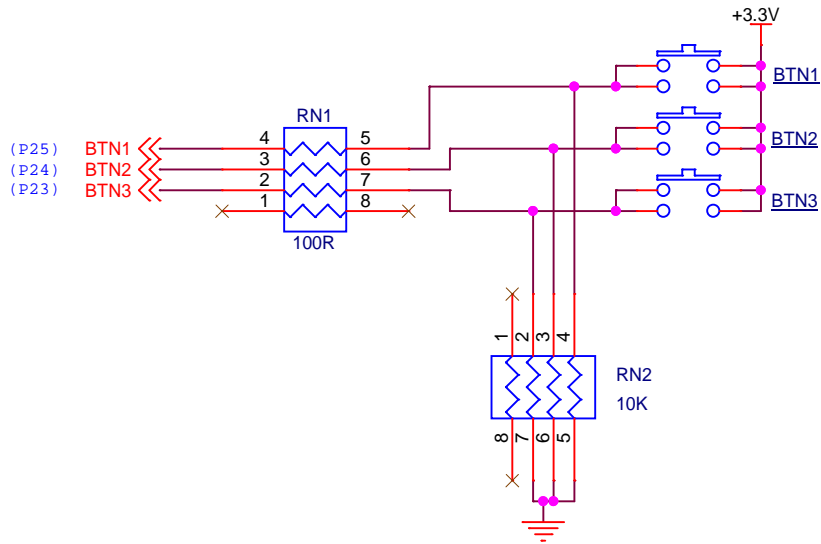


47uF or 100uF capacitors are populated on board for bulk decoupling

PROJECT NAME			
EP4CE6 Starter Board			
TITLE:SCHEMATIC			
Power			
SIZE	REV	SHEET	DATE
A	A-1	2 OF 10	Thursday, Feb 6, 2014

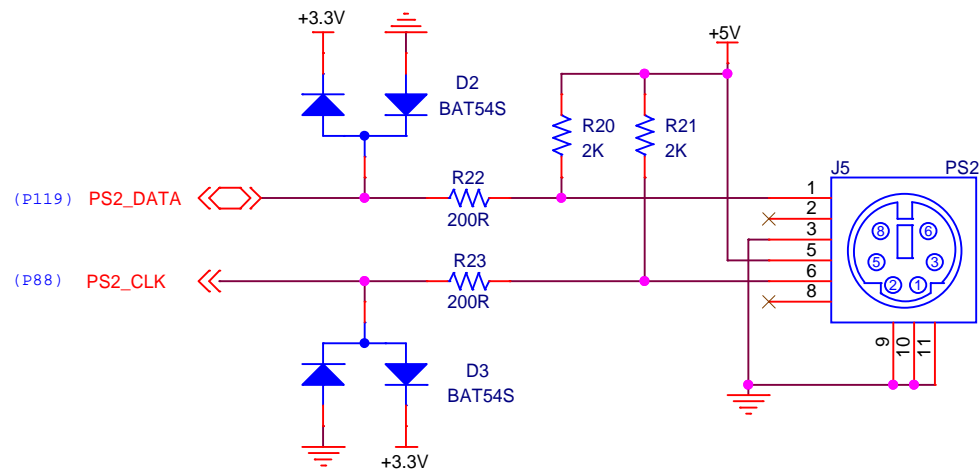
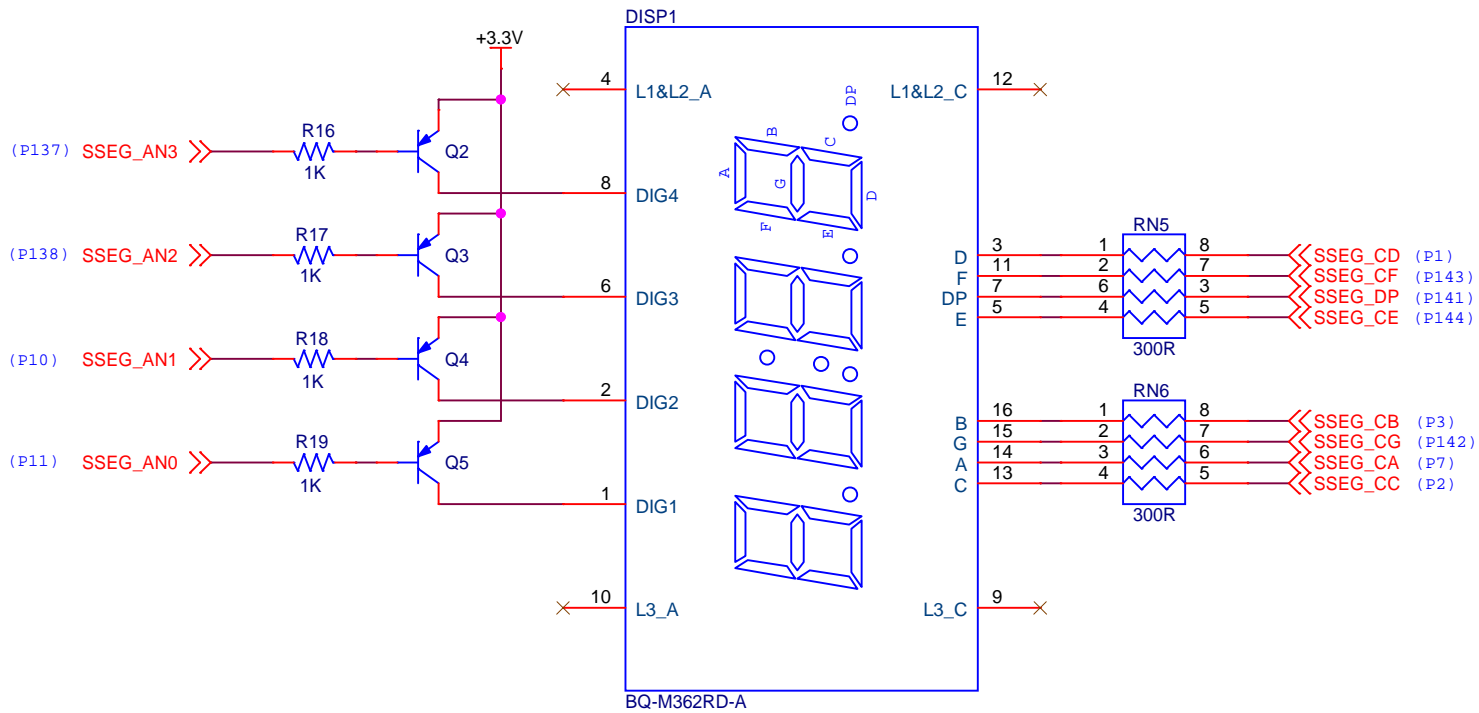




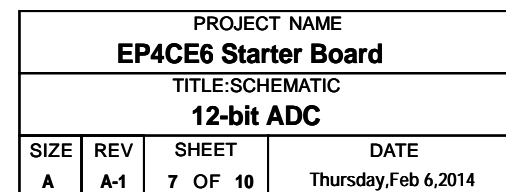
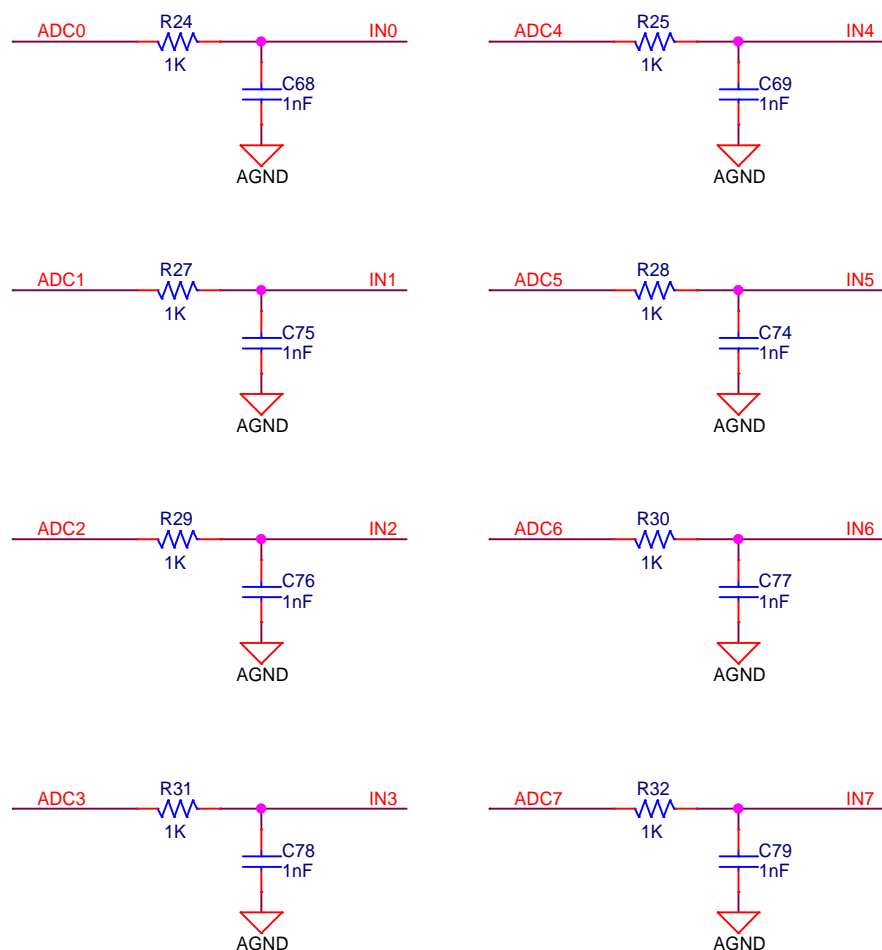


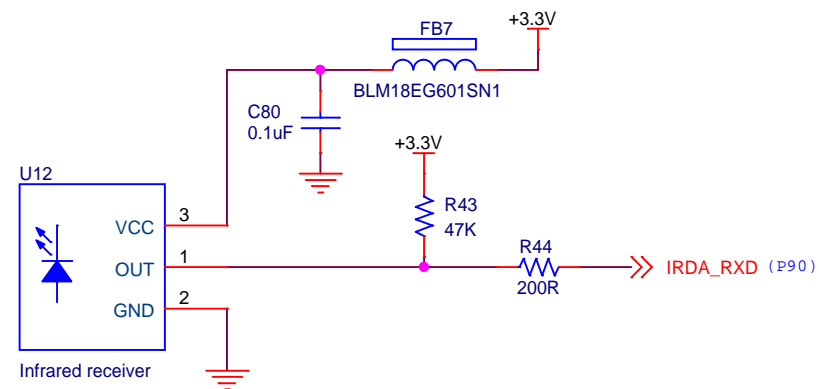
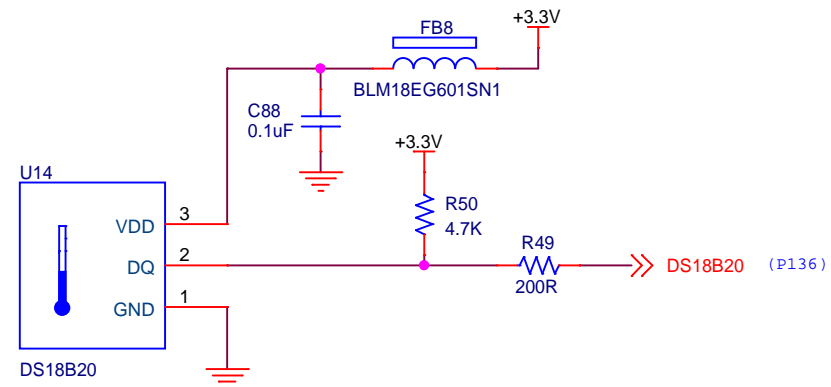
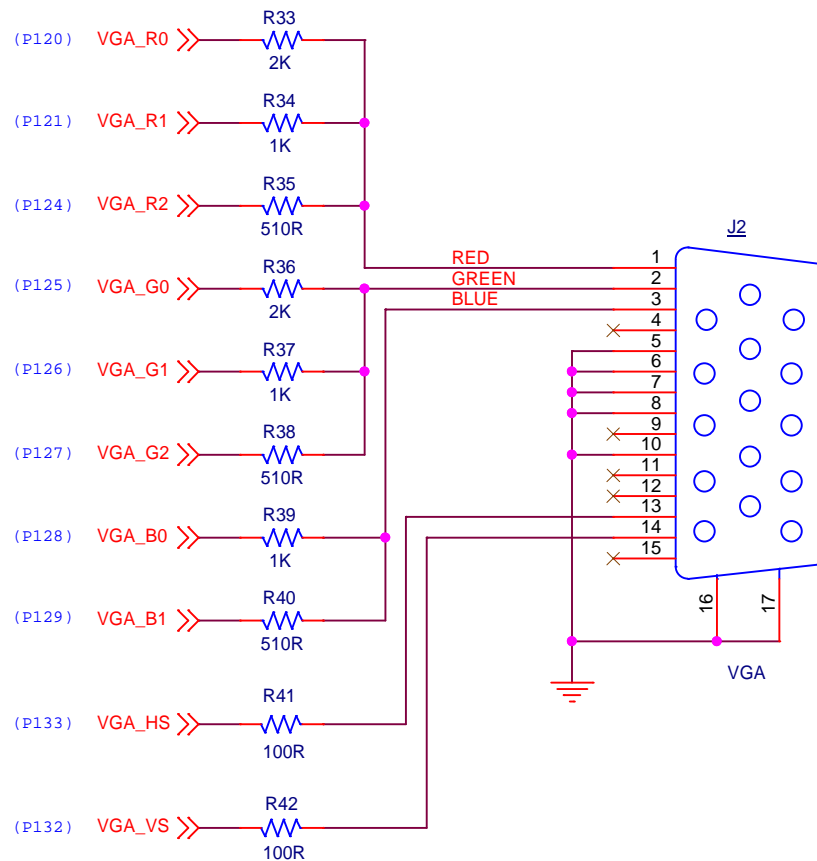
Connect to a USB <-> RS232 converter cable directly.

PROJECT NAME			
EP4CE6 Starter Board			
TITLE:SCHEMATIC			
LED,Button,RS232,EEPROM			
SIZE	REV	SHEET	DATE
A	A-2	5 OF 10	Thursday, Feb 6, 2014



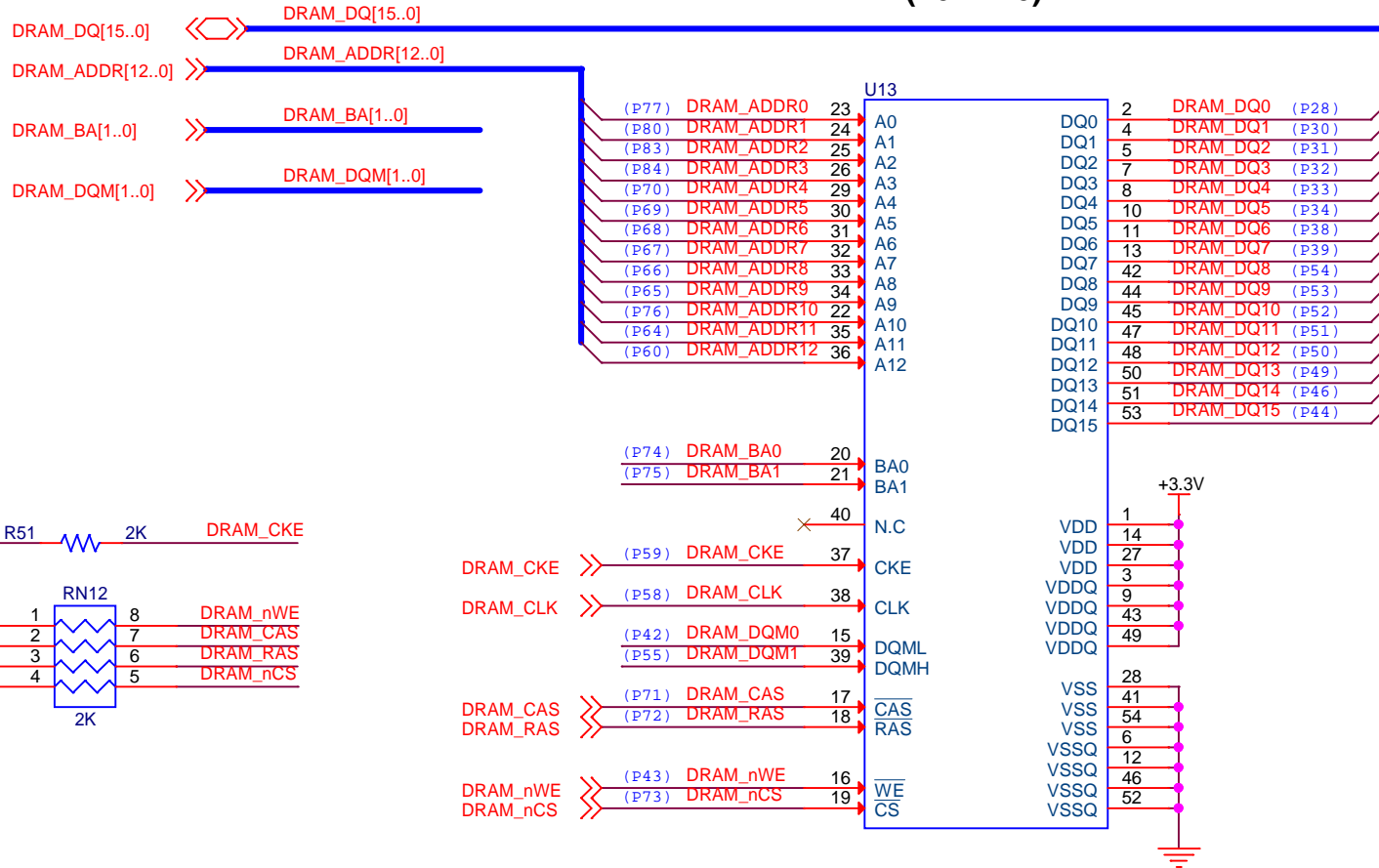
PROJECT NAME			
EP4CE6 Starter Board			
TITLE:SCHEMATIC			
SSEG LED Display,PS2			
SIZE	REV	SHEET	DATE
A	A-1	6 OF 10	Thursday, Feb 6, 2014



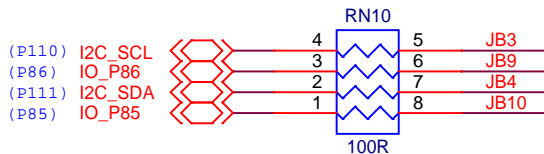
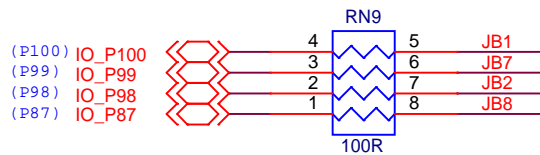
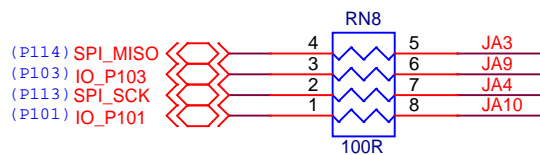
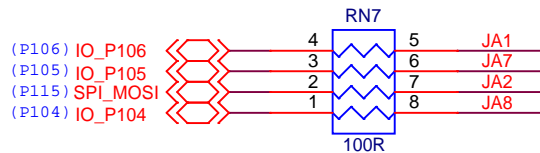


PROJECT NAME			
EP4CE6 Starter Board			
TITLE:SCHEMATIC			
VGA,DS18B20,IrDA			
SIZE	REV	SHEET	DATE
A	A-1	8 OF 10	Thursday, Feb 6, 2014

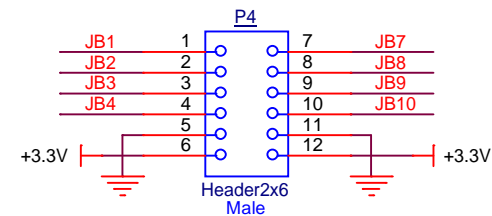
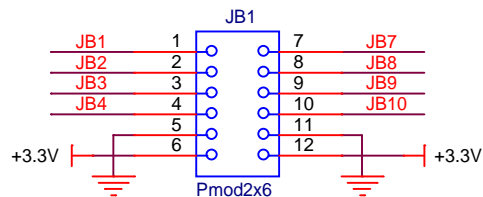
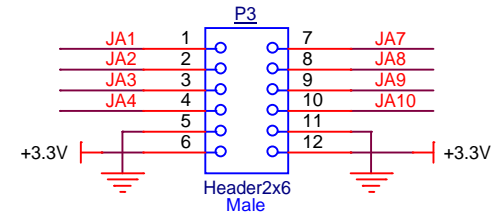
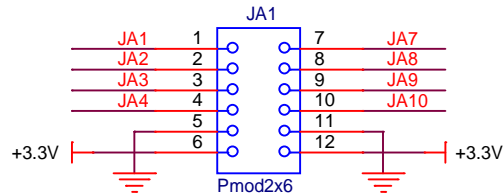
SDRAM (16Mx16)



PROJECT NAME			
EP4CE6 Starter Board			
TITLE:SCHEMATIC			
16Mx16 SDRAM			
SIZE	REV	SHEET	DATE
A	A-1	9 OF 10	Thursday, Feb 6, 2014



Overcurrent Protection for Pmod IOs



PROJECT NAME
EP4CE6 Starter Board
TITLE:SCHEMATIC
Pmod Compatible Headers

SIZE	REV	SHEET	DATE
A	A-1	10 OF 10	Thursday, Feb 6, 2014