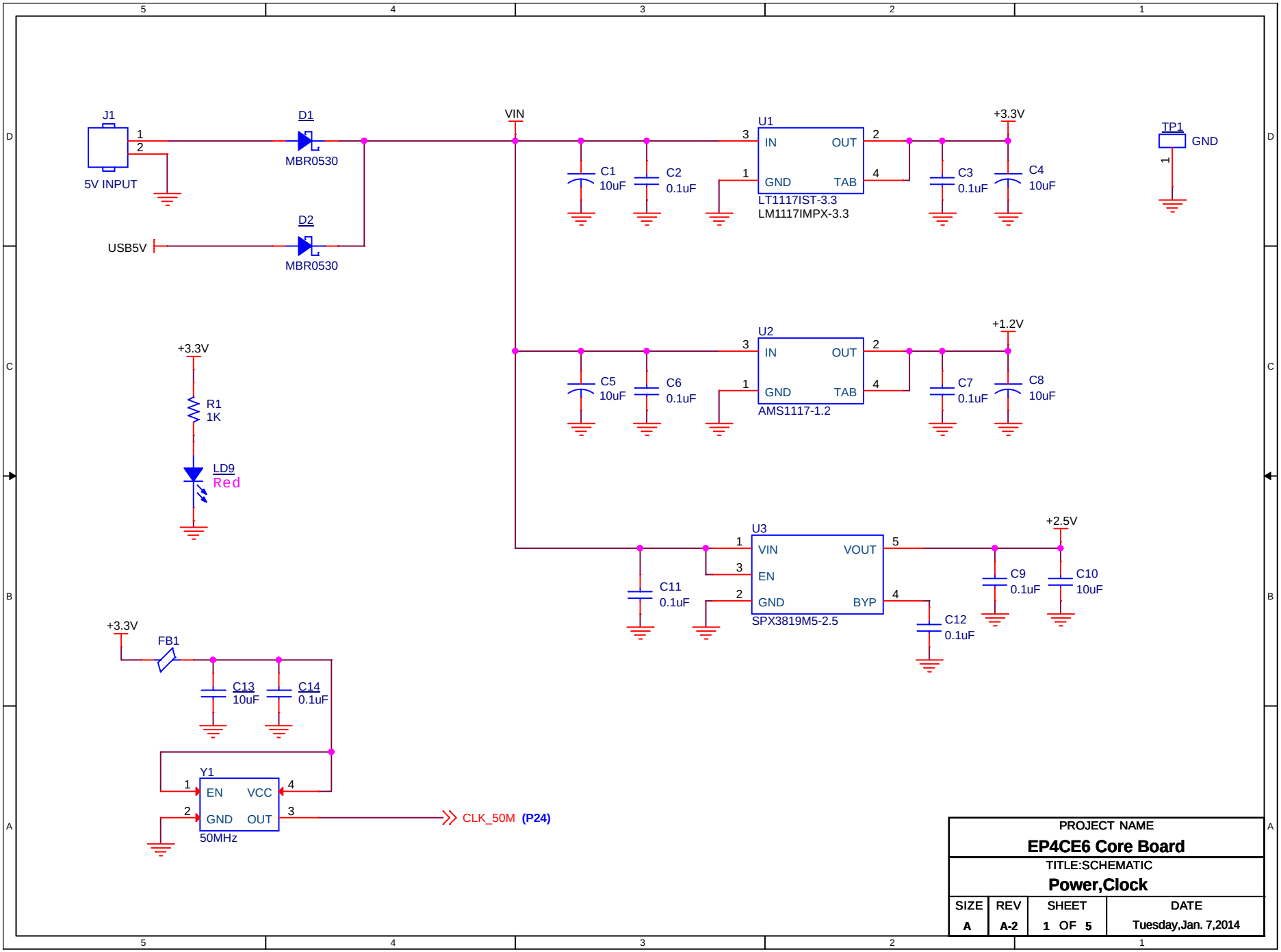
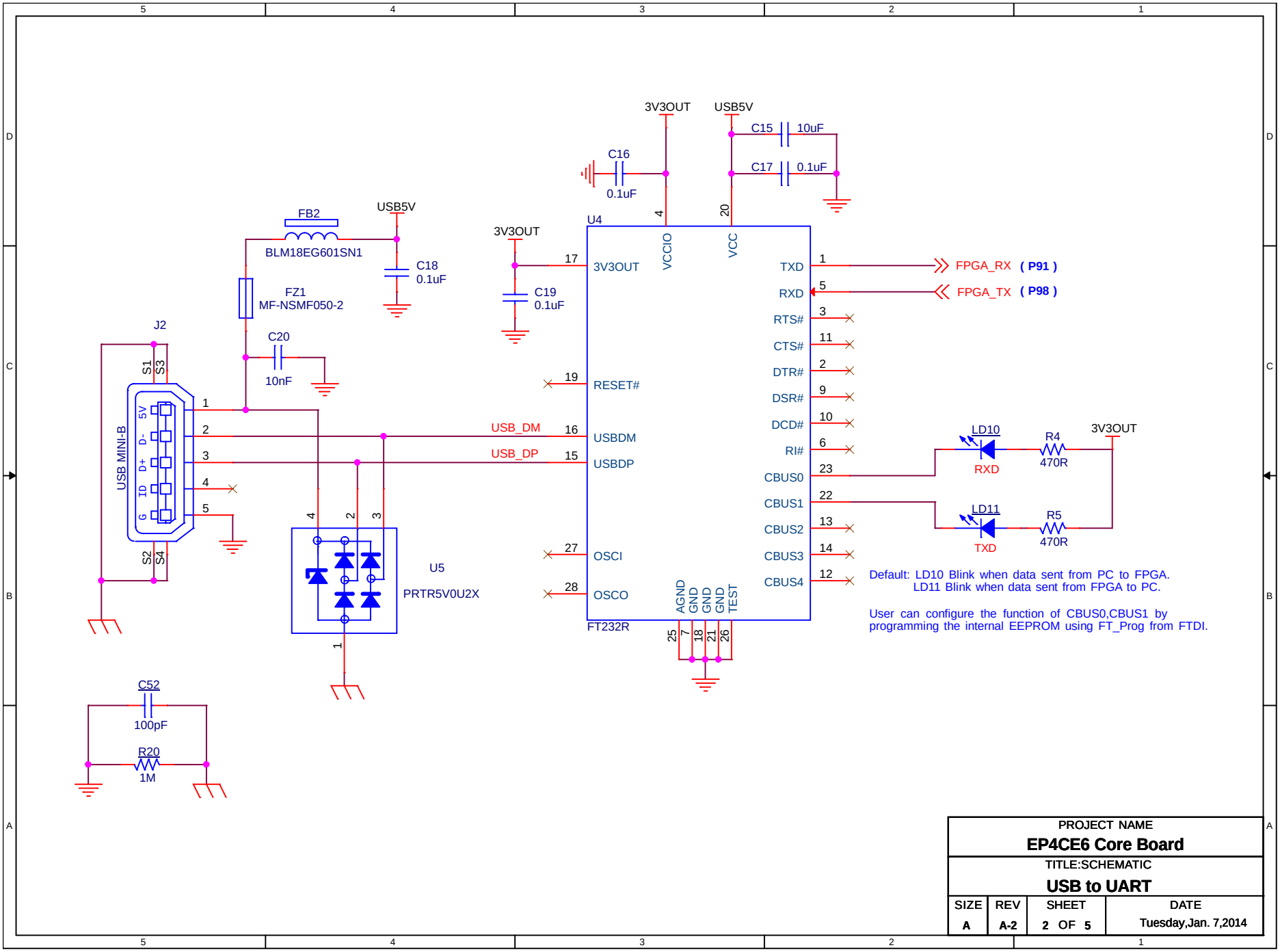
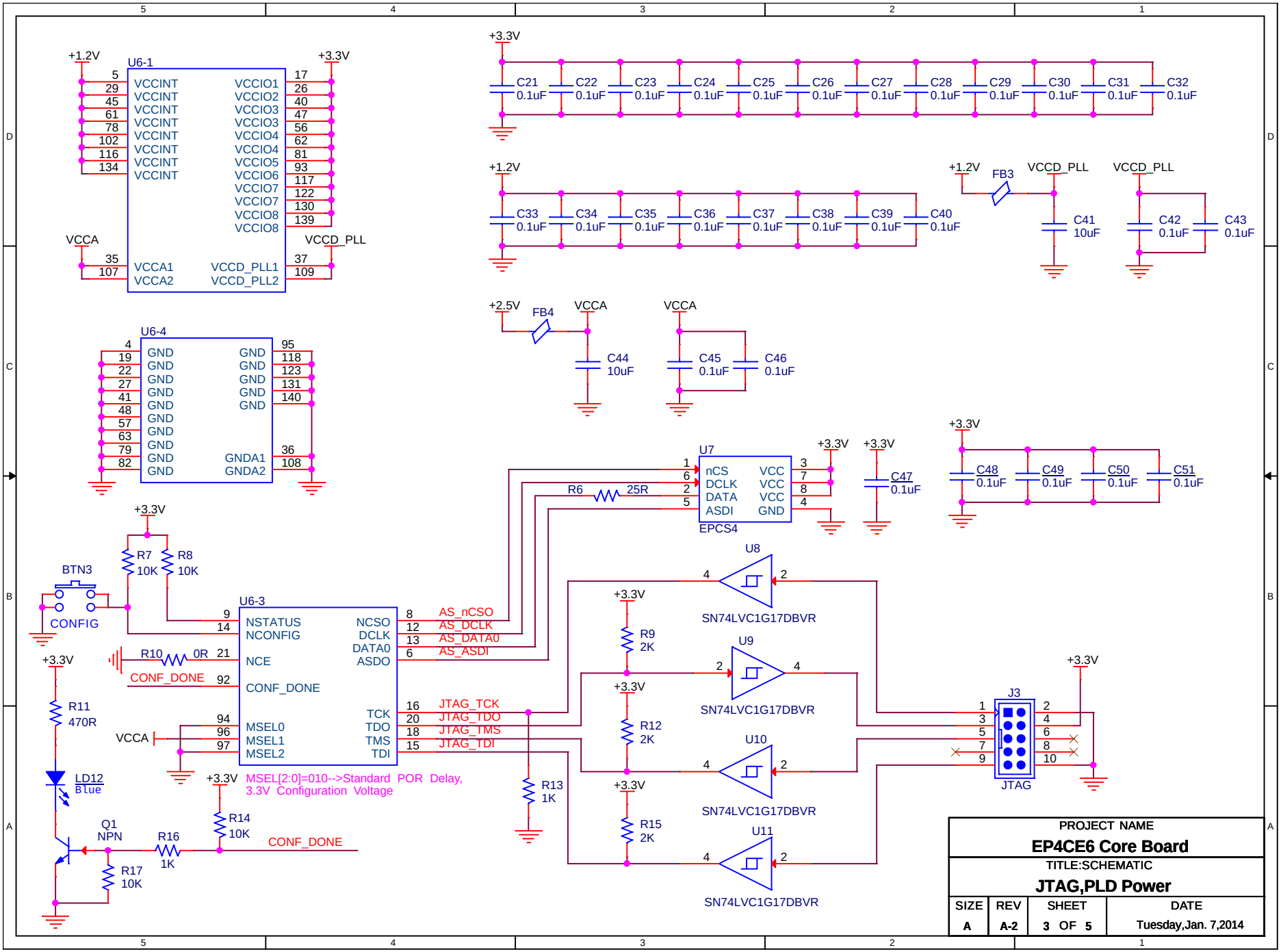
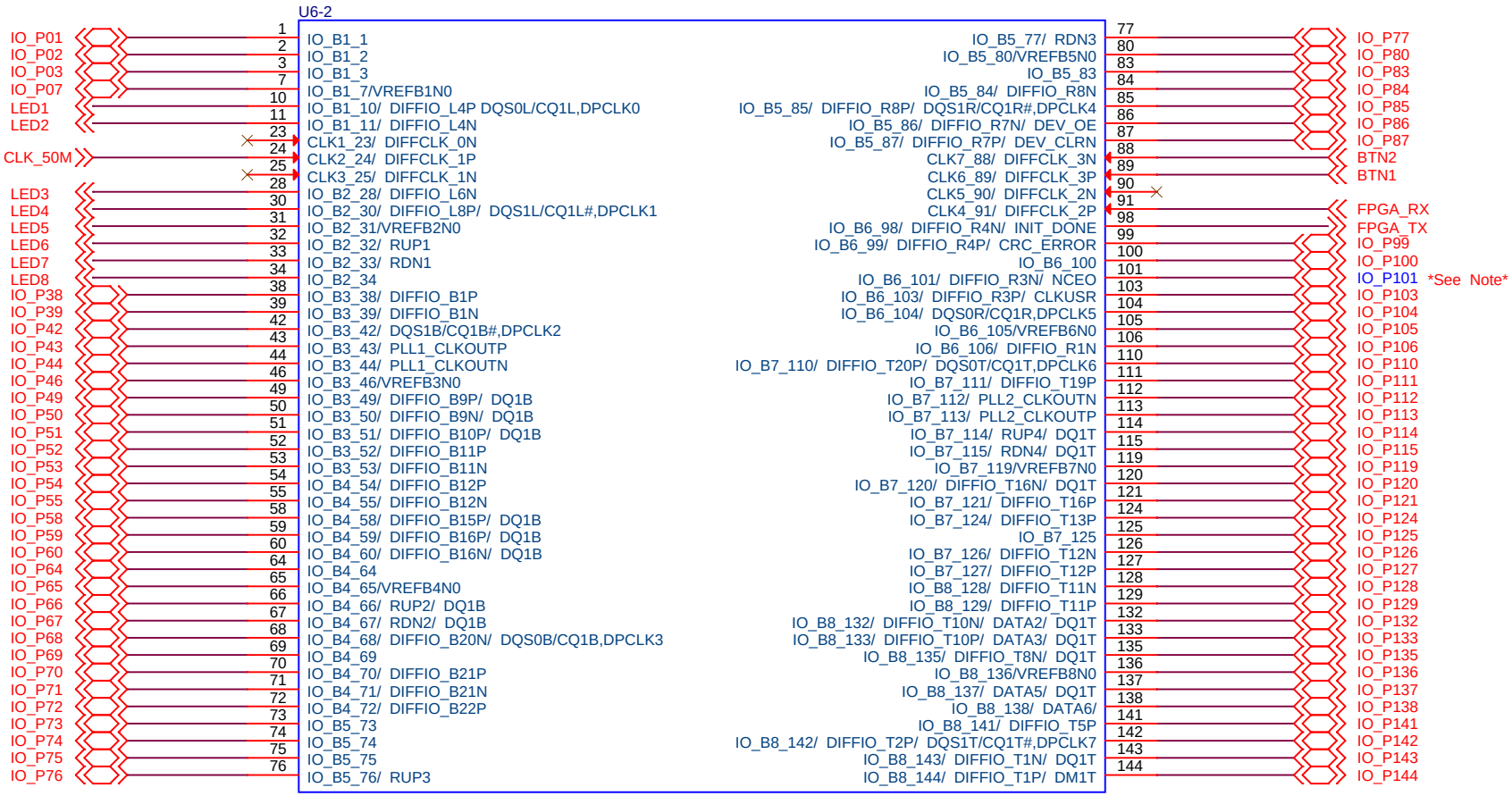


PROJECT NAME			
EP4CE6 Core Board			
TITLE:SCHEMATIC			
Power,Clock			
SIZE	REV	SHEET	DATE
A	A-2	1 OF 5	Tuesday,Jan. 7,2014



PROJECT NAME: **EP4CE6 Core Board**			
TITLE:SCHEMATIC: **USB to UART**			
SIZE: **A**	REV: **A-2**	SHEET: **2 OF 5**	DATE: **Tuesday,Jan. 7,2014**

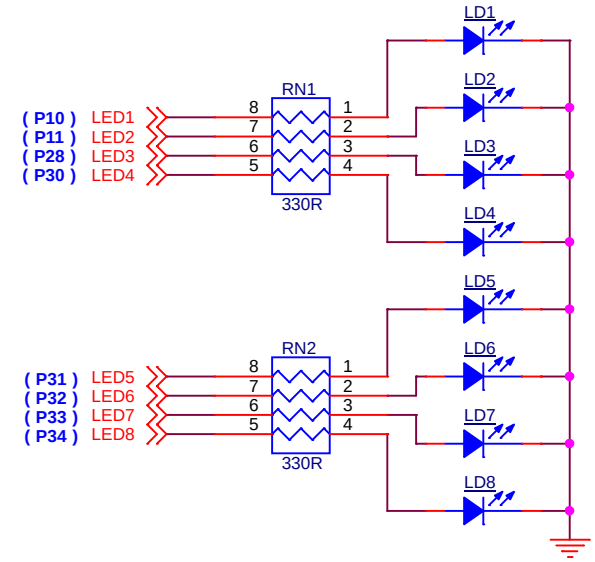

U6-1
+1.2V
+3.3V
VCCINT
VCCIO1
VCCIO2
VCCIO3
VCCIO4
VCCIO5
VCCIO6
VCCIO7
VCCIO8
VCCA1
VCCA2
VCCD_PLL1
VCCD_PLL2
VCCA
VCCD_PLL
C21 0.1uF
C22 0.1uF
C23 0.1uF
C24 0.1uF
C25 0.1uF
C26 0.1uF
C27 0.1uF
C28 0.1uF
C29 0.1uF
C30 0.1uF
C31 0.1uF
C32 0.1uF
C33 0.1uF
C34 0.1uF
C35 0.1uF
C36 0.1uF
C37 0.1uF
C38 0.1uF
C39 0.1uF
C40 0.1uF
FB3
C41 10uF
C42 0.1uF
C43 0.1uF
U6-4
GND
GNDA1
GNDA2
+2.5V
FB4
C44 10uF
C45 0.1uF
C46 0.1uF
U7
nCS
DCLK
DATA
ASDI
VCC
EPCS4
C47 0.1uF
C48 0.1uF
C49 0.1uF
C50 0.1uF
C51 0.1uF
R6 25R
R7 10K
R8 10K
BTN3
CONFIG
U6-3
NSTATUS
NCONFIG
NCE
CONF_DONE
MSEL0
MSEL1
MSEL2
NCSO
DCLK
DATA0
ASDO
TCK
TDO
TMS
TDI
AS_nCSO
AS_DCLK
AS_DATA0
AS_ASDI
JTAG_TCK
JTAG_TDO
JTAG_TMS
JTAG_TDI
R10 0R
R11 470R
LD12 Blue
Q1 NPN
R14 10K
R16 1K
R17 10K
MSEL[2:0]=010-->Standard POR Delay, 3.3V Configuration Voltage
U8
U9
U10
U11
SN74LVC1G17DBVR
R9 2K
R12 2K
R15 2K
R13 1K
J3
JTAG
PROJECT NAME
EP4CE6 Core Board
TITLE:SCHEMATIC
JTAG,PLD Power
SIZE
A
REV
A-2
SHEET
3 OF 5
DATE
Tuesday,Jan. 7,2014

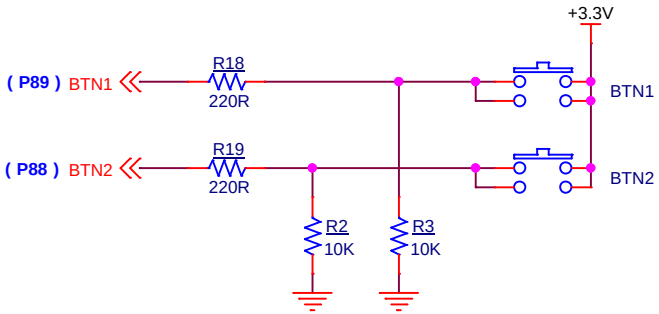


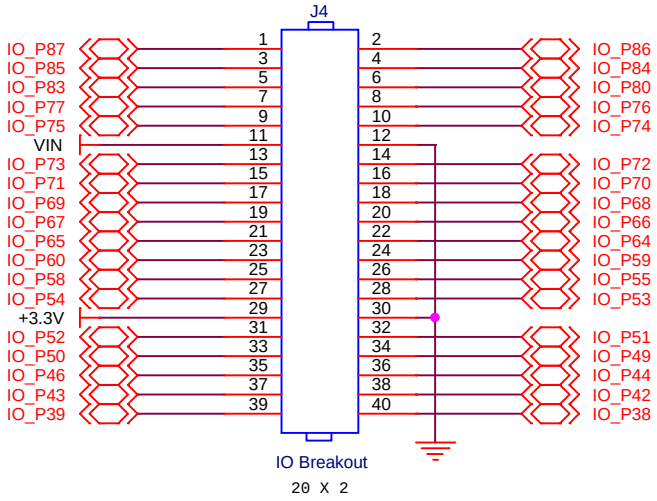
Note

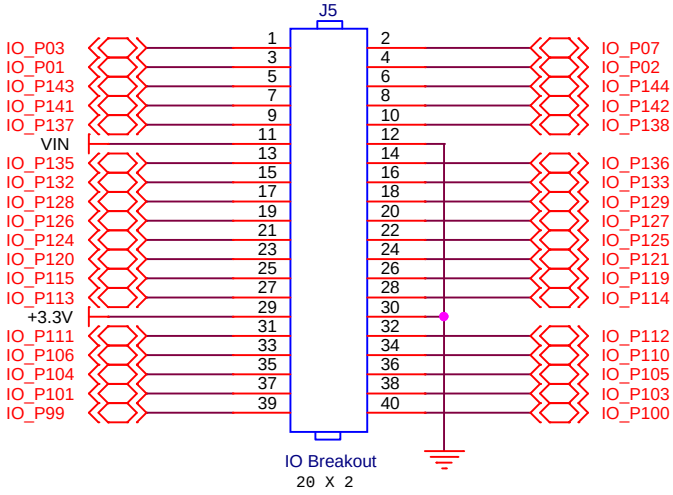
PIN101 is set to nCEO function by default. To Configure it as an IO pin in a project, please follow the steps below :
Assignments --> Device --> Device and Pin Options --> Dual-Purpose Pins --> nCEO --> Use as regular IO

PROJECT NAME			
EP4CE6 Core Board			
TITLE:SCHEMATIC			
PLD IOs			
SIZE	REV	SHEET	DATE
A	A-2	4 OF 5	Tuesday,Jan. 7,2014









PROJECT NAME: **EP4CE6 Core Board**			
TITLE:SCHEMATIC: **LEDs,Buttons,IO Headers**			
SIZE: **A**	REV: **A-2**	SHEET: **5 OF 5**	DATE: **Tuesday,Jan. 7,2014**