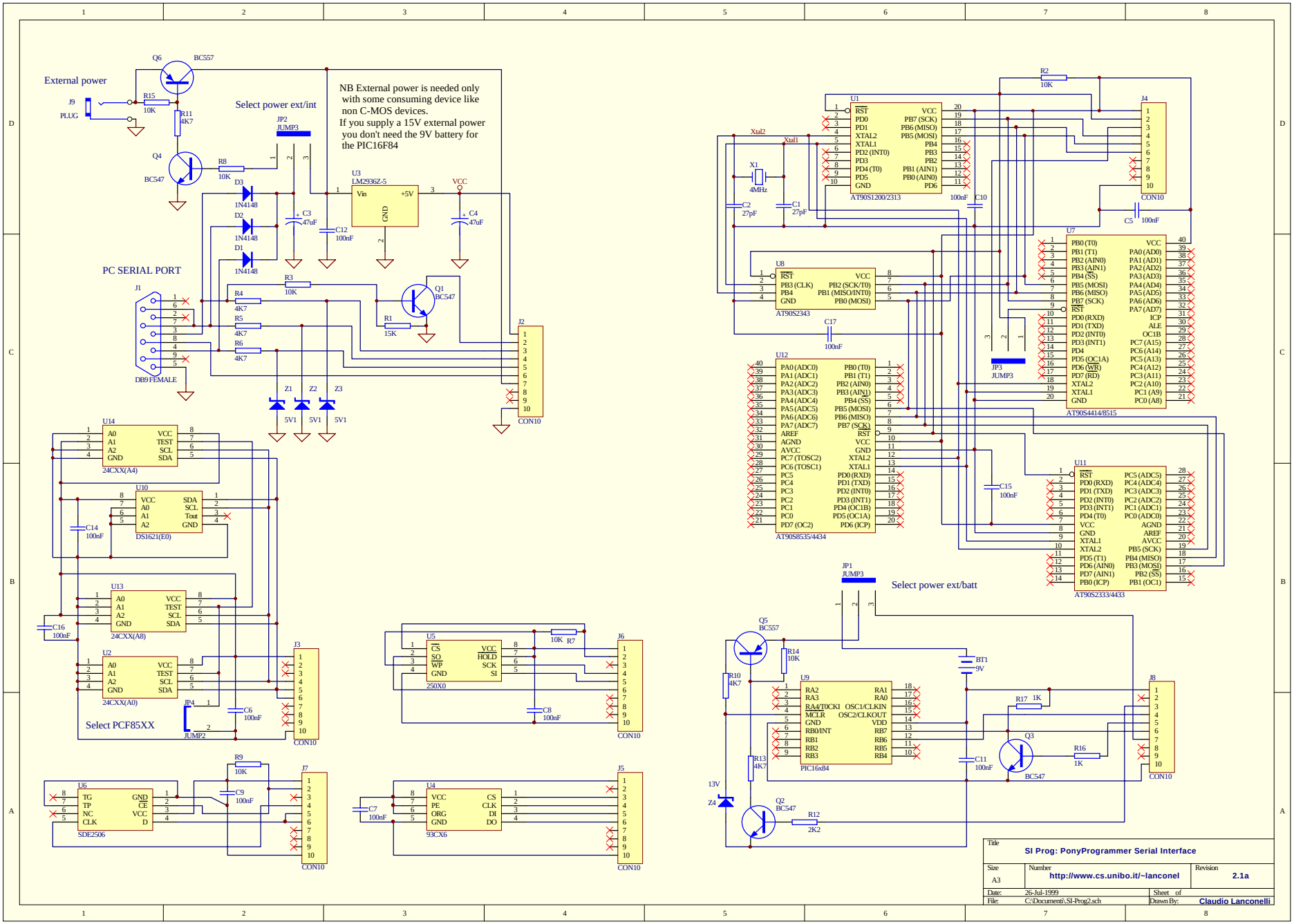
External power
J9
PLUG
Q6
BC557
R15
10K
R11
4K7
Q4
BC547
R8
10K
Select power ext/int
JP2
JUMP3
NB External power is needed only with some consuming device like non C-MOS devices.
If you supply a 15V external power you don't need the 9V battery for the PIC16F84
U3
LM2936Z-5
Vin
+5V
GND
VCC
D3
1N4148
D2
1N4148
D1
1N4148
C3
47uF
C12
100nF
C4
47uF
PC SERIAL PORT
J1
DB9 FEMALE
R3
10K
R4
4K7
R5
4K7
R6
4K7
Q1
BC547
R1
15K
J2
CON10
Z1
Z2
Z3
5V1
5V1
5V1
U14
24CXX(A4)
U10
DS1621(E0)
C14
100nF
U13
24CXX(A8)
C16
100nF
U2
24CXX(A0)
Select PCF85XX
JP4
JUMP2
C6
100nF
J3
CON10
U5
250X0
10K
R7
C8
100nF
J6
CON10
U6
SDE2506
R9
10K
C9
100nF
J7
CON10
U4
93CX6
C7
100nF
J5
CON10
R2
10K
U1
AT90S1200/2313
Xtal2
Xtal1
X1
4MHz
C2
27pF
C1
27pF
100nF
C10
J4
CON10
C5
100nF
U7
AT90S4414/8515
U8
AT90S2343
C17
100nF
U12
AT90S8535/4434
JP3
JUMP3
C15
100nF
U11
AT90S2333/4433
JP1
JUMP3
Select power ext/batt
Q5
BC557
R14
10K
R10
4K7
BT1
9V
U9
PIC16x84
R17
1K
Q3
BC547
R16
1K
J8
CON10
C11
100nF
R13
4K7
13V
Z4
Q2
BC547
R12
2K2
Title
SI Prog: PonyProgrammer Serial Interface
Size
A3
Number
http://www.cs.unibo.it/~lanconel
Revision
2.1a
Date:
26-Jul-1999
Sheet of
File:
C:\Documenti\.SI-Prog2.sch
Drawn By:
Claudio Lanconelli