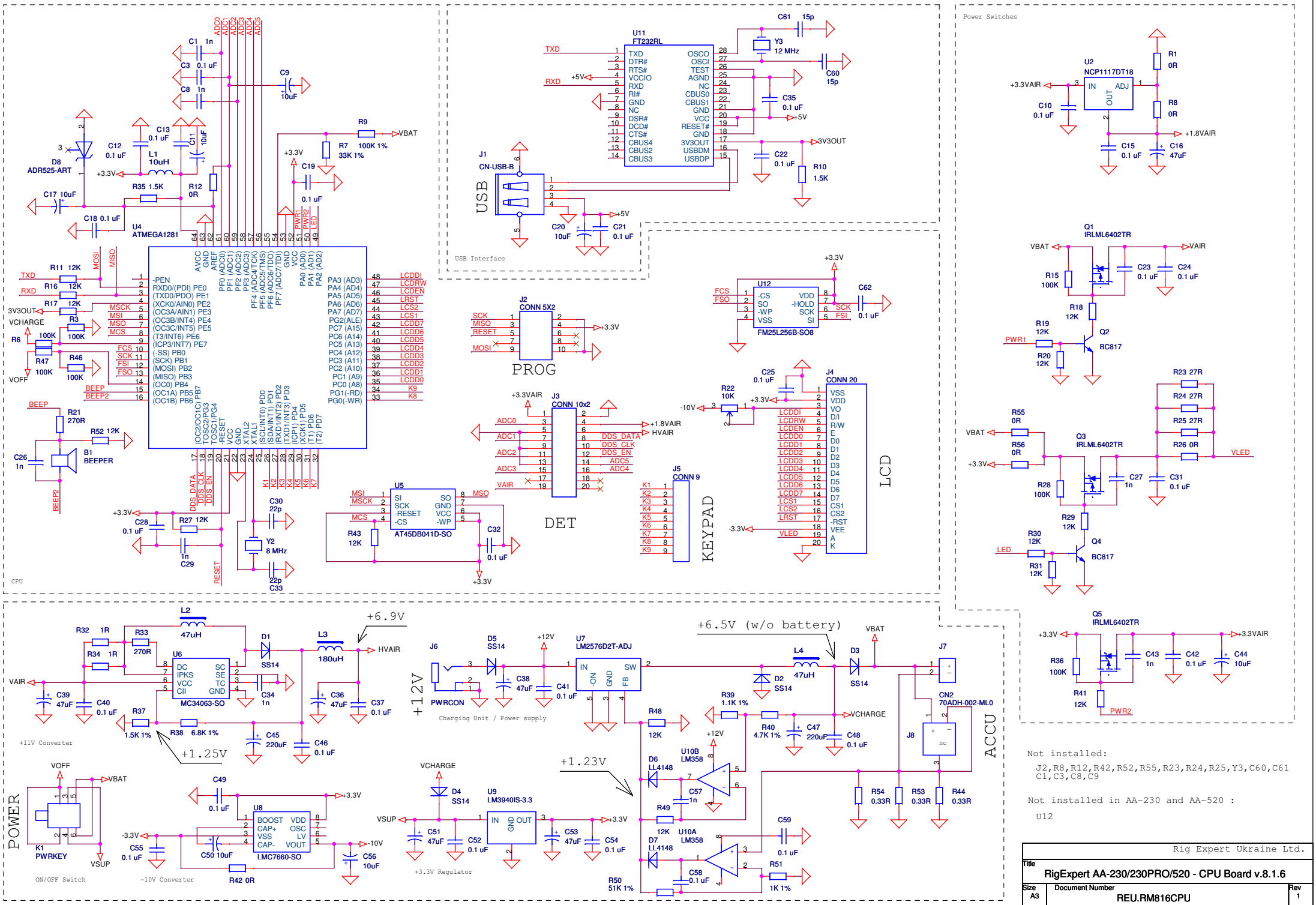
CPU
U4
ATMEGA1281
USB Interface
U11
FT232RL
USB
J1
CN-USB-B
PROG
J2
CONN 5X2
U12
FM25L256B-SO8
DET
J3
CONN 10x2
U5
AT45DB041D-SO
KEYPAD
J5
CONN 9
LCD
J4
CONN 20
Power Switches
U2
NCP1117DT18
Q1
IRLML6402TR
Q2
BC817
Q3
IRLML6402TR
Q4
BC817
Q5
IRLML6402TR
+11V Converter
U6
MC34063-SO
+6.9V
+1.25V
+6.5V (w/o battery)
+1.23V
Charging Unit / Power supply
U7
LM2576D2T-ADJ
ACCU
CN2
70ADH-002-ML0
POWER
K1
PWRKEY
ON/OFF Switch
-10V Converter
U8
LMC7660-SO
+3.3V Regulator
U9
LM3940IS-3.3
U10A
LM358
U10B
LM358
Not installed:
J2,R8,R12,R42,R52,R55,R23,R24,R25,Y3,C60,C61
C1,C3,C8,C9
Not installed in AA-230 and AA-520 :
U12
Rig Expert Ukraine Ltd.
Title
RigExpert AA-230/230PRO/520 - CPU Board v.8.1.6
Size A3
Document Number
REU.RM816CPU
Rev 1
Date: Tuesday, September 08, 2009
Sheet 1 of 1