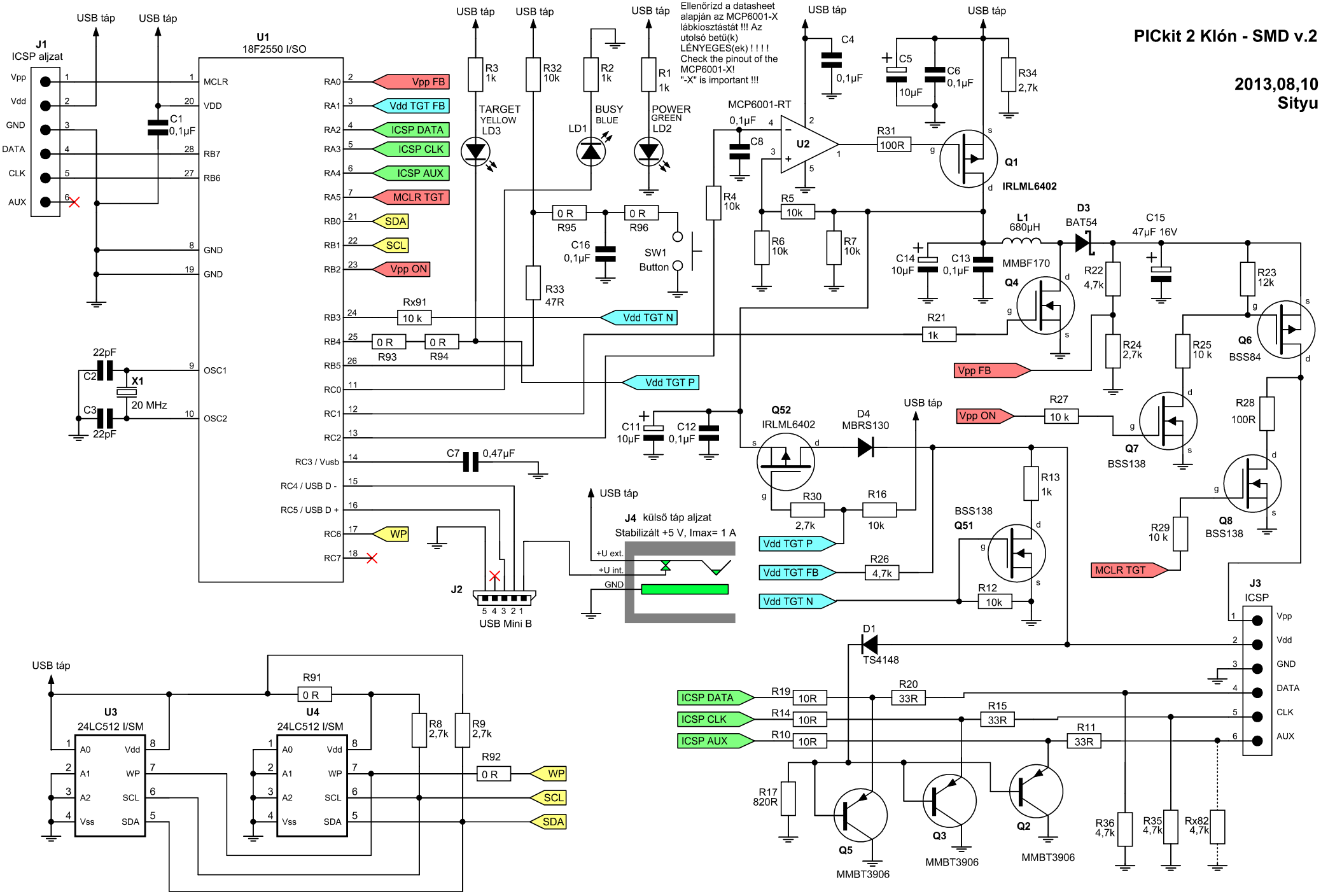
PICkit 2 Klón - SMD v.2
2013,08,10
Sityu
Ellenőrízd a datasheet alapján az MCP6001-X lábkiosztástát !!! Az utolsó betű(k) LÉNYEGES(ek) ! ! ! !
Check the pinout of the MCP6001-X!
"-X" is important !!!
J1
ICSP aljzat
U1
18F2550 I/SO
MCLR
VDD
RB7
RB6
GND
GND
OSC1
OSC2
RA0
RA1
RA2
RA3
RA4
RA5
RB0
RB1
RB2
RB3
RB4
RB5
RC0
RC1
RC2
RC3 / Vusb
RC4 / USB D -
RC5 / USB D +
RC6
RC7
Vpp FB
Vdd TGT FB
ICSP DATA
ICSP CLK
ICSP AUX
MCLR TGT
SDA
SCL
Vpp ON
Vdd TGT N
Vdd TGT P
WP
C1 0,1µF
C2 22pF
C3 22pF
X1 20 MHz
C7 0,47µF
R3 1k
R32 10k
R2 1k
R1 1k
TARGET YELLOW LD3
BUSY BLUE LD1
POWER GREEN LD2
R95 0 R
R96 0 R
C16 0,1µF
SW1 Button
R33 47R
Rx91 10 k
R93 0 R
R94 0 R
J2
5 4 3 2 1
USB Mini B
J4 külső táp aljzat
Stabilizált +5 V, Imax= 1 A
+U ext.
+U int.
GND
C4 0,1µF
C5 10µF
C6 0,1µF
R34 2,7k
MCP6001-RT
U2
C8 0,1µF
R4 10k
R5 10k
R6 10k
R7 10k
R31 100R
Q1 IRLML6402
L1 680µH
D3 BAT54
C15 47µF 16V
C14 10µF
C13 0,1µF
MMBF170
Q4
R22 4,7k
R24 2,7k
R21 1k
R23 12k
R25 10 k
Q6 BSS84
C11 10µF
C12 0,1µF
Q52 IRLML6402
D4 MBRS130
R30 2,7k
R16 10k
R26 4,7k
R27 10 k
Q7 BSS138
R28 100R
Q8 BSS138
R29 10 k
R13 1k
BSS138 Q51
R12 10k
J3 ICSP
Vpp
Vdd
GND
DATA
CLK
AUX
D1 TS4148
R19 10R
R14 10R
R10 10R
R20 33R
R15 33R
R11 33R
R17 820R
Q5 MMBT3906
Q3 MMBT3906
Q2 MMBT3906
R36 4,7k
R35 4,7k
Rx82 4,7k
U3
24LC512 I/SM
U4
24LC512 I/SM
A0
A1
A2
Vss
Vdd
WP
SCL
SDA
R91 0 R
R8 2,7k
R9 2,7k
R92 0 R
USB táp