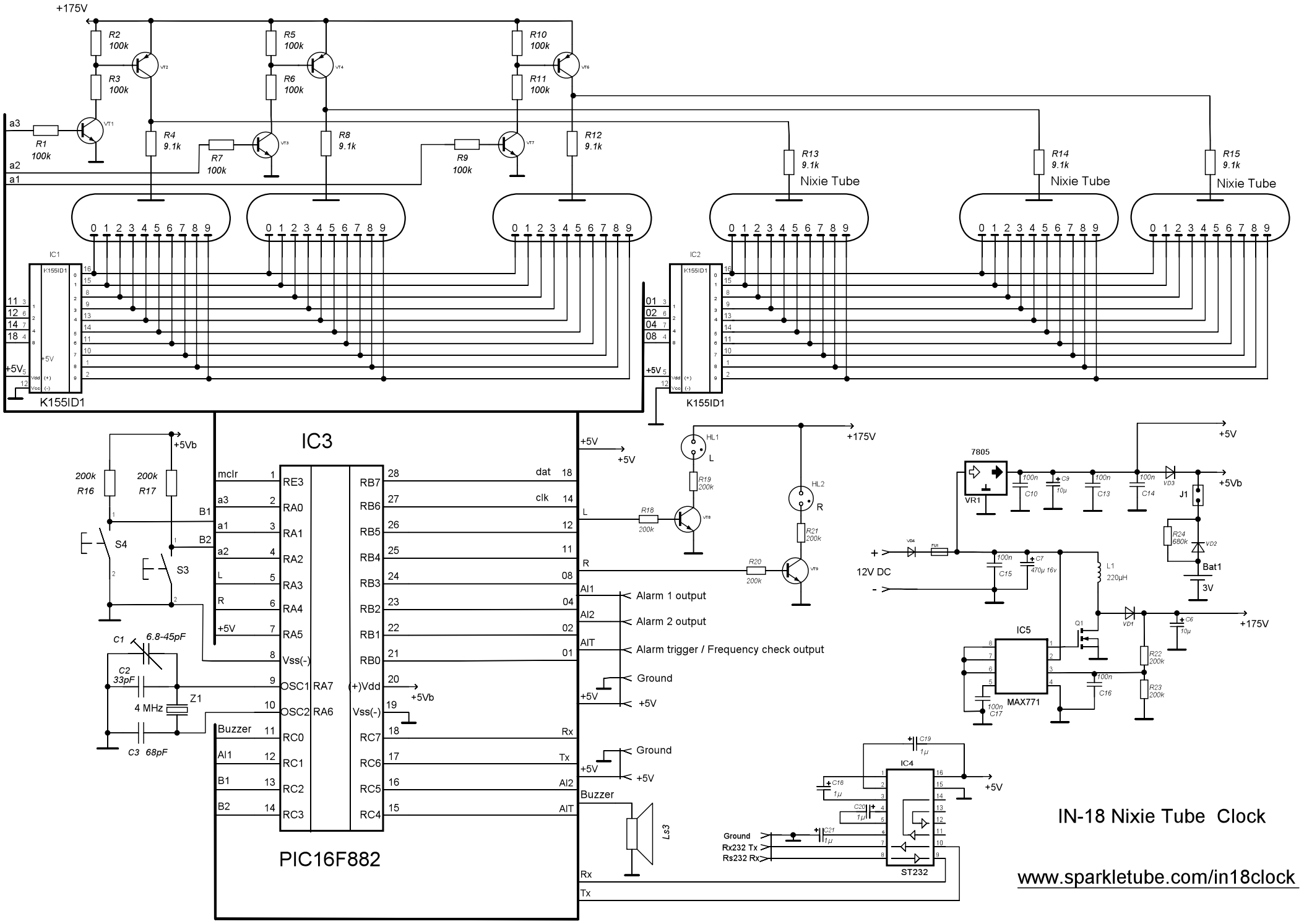
+175V
R2 100k
R3 100k
R5 100k
R6 100k
R10 100k
R11 100k
R1 100k
R4 9.1k
R7 100k
R8 9.1k
R9 100k
R12 9.1k
R13 9.1k
R14 9.1k
R15 9.1k
Nixie Tube
a3
a2
a1
IC1
IC2
K155ID1
+5V
IC3
PIC16F882
mclr
dat
clk
B1
B2
S4
S3
200k R16
200k R17
+5Vb
C1 6.8-45pF
C2 33pF
C3 68pF
4 MHz
Z1
Buzzer
Alarm 1 output
Alarm 2 output
Alarm trigger / Frequency check output
Ground
Rx
Tx
Ls3
HL1
HL2
R18 200k
R19 200k
R20 200k
R21 200k
7805
VR1
12V DC
L1 220µH
Bat1
3V
J1
R24 680k
IC5
MAX771
R22 200k
R23 200k
IC4
ST232
Rx232 Tx
Rs232 Rx
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