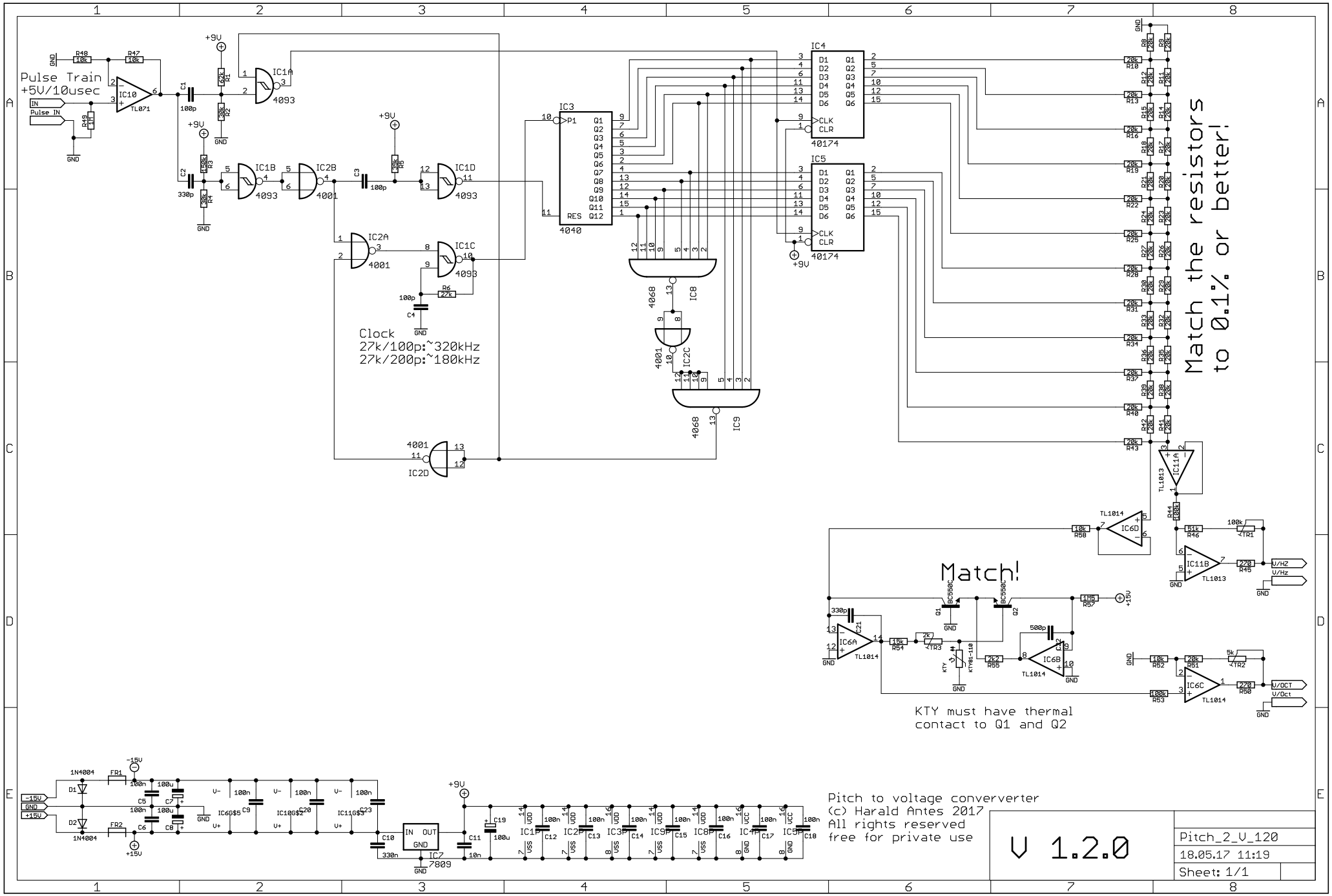
Pulse Train
+5V/10usec
IN
Pulse IN
IC10
TL071
IC1A
IC1B
IC1C
IC1D
IC2A
IC2B
IC2C
IC2D
4093
4001
IC3
4040
IC4
IC5
40174
IC8
IC9
4068
Clock
27k/100p:~320kHz
27k/200p:~180kHz
Match the resistors
to 0.1% or better!
IC11A
IC11B
TL1013
IC6A
IC6B
IC6C
IC6D
TL1014
Match!
Q1
Q2
BC550C
KTY
KTY81-110
TR1
TR2
TR3
V/HZ
V/Hz
V/OCT
V/Oct
KTY must have thermal
contact to Q1 and Q2
1N4004
FR1
FR2
-15V
+15V
IC7
7809
IN
OUT
GND
IC1P
IC2P
IC3P
IC9P
IC8P
IC4P
IC5P
VDD
VSS
VCC
Pitch to voltage conververter
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V 1.2.0
Pitch_2_V_120
18.05.17 11:19
Sheet: 1/1