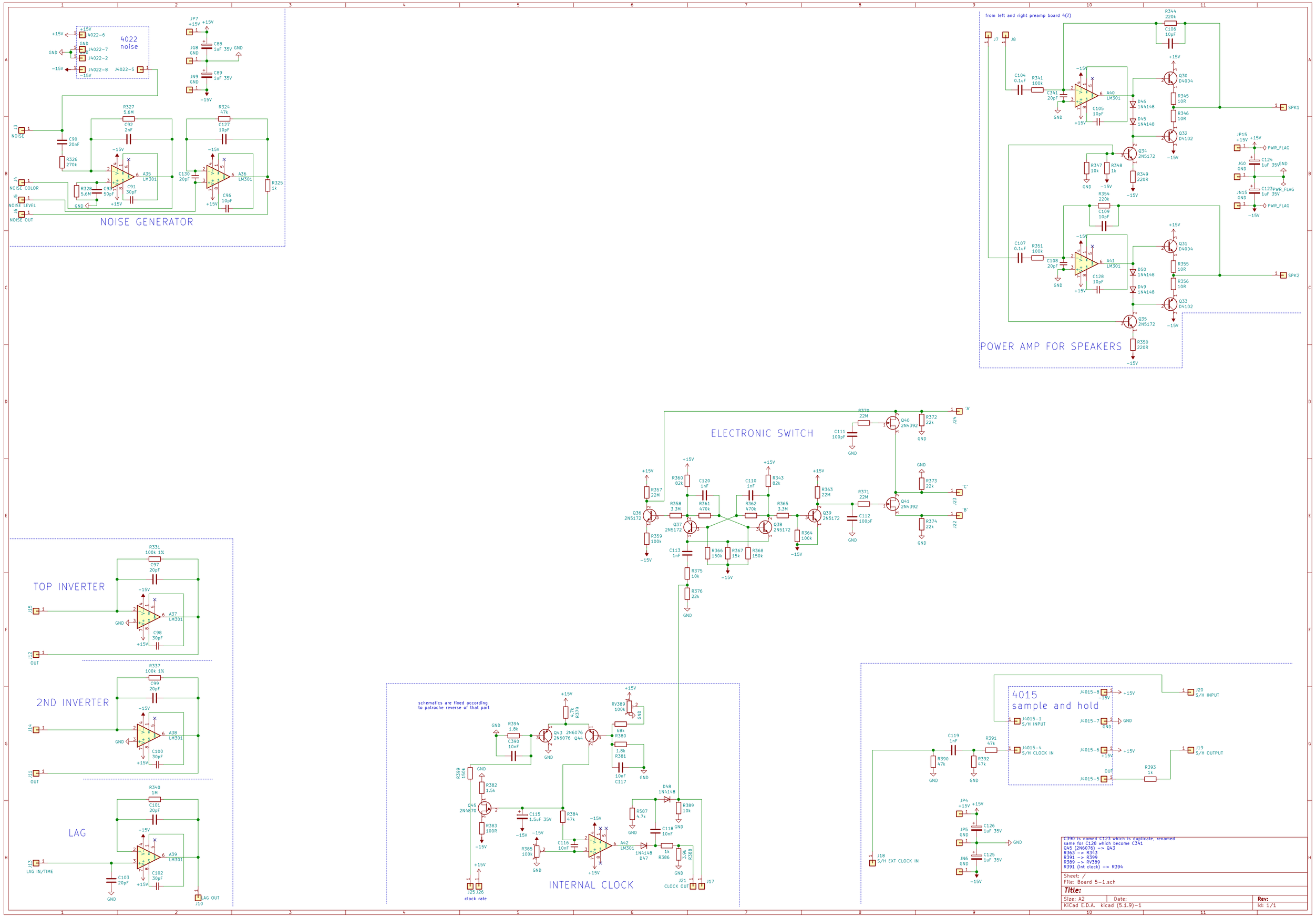
NOISE GENERATOR
4022 noise
J4022-6
J4022-7
J4022-2
J4022-8
J4022-5
JP7
JG8
JN9
C88 1uF 35V
C89 1uF 35V
J3 NOISE
J4 NOISE COLOR
J5 NOISE LEVEL
J6 NOISE OUT
C90 20nF
R326 270k
R327 5.6M
C92 2nF
R328 5.6M
C93 50pF
C91 30pF
A35 LM301
R324 47k
C127 10pF
C130 20pF
C96 10pF
A36 LM301
R325 1k
POWER AMP FOR SPEAKERS
from left and right preamp board 4(?)
J7
J8
R344 220k
C106 10pF
C104 0.1uF
R341 100k
C341 20pF
C105 10pF
A40 LM301
D46 1N4148
D45 1N4148
Q30 D40D4
Q32 D41D2
R345 10R
R346 10R
SPK1
Q34 2N5172
R347 10k
R348 1k
R349 220R
R354 220k
C109 10pF
C107 0.1uF
R351 100k
C108 20pF
C128 10pF
A41 LM301
D50 1N4148
D49 1N4148
Q31 D40D4
Q33 D41D2
R355 10R
R356 10R
SPK2
Q35 2N5172
R350 220R
JP15
JG0
JN15
C124 1uF 35V
C123 1uF 35V
PWR_FLAG
ELECTRONIC SWITCH
R370 22M
C111 100pF
Q40 2N4392
R372 22k
J24 'A'
R373 22k
J23 'C'
Q41 2N4392
R374 22k
J22 'B'
R357 22M
Q36 2N5172
R359 100k
R360 82k
C120 1nF
R358 3.3M
R361 470k
Q37 2N5172
C113 1nF
R375 10k
R376 22k
C110 1nF
R343 82k
R362 470k
R365 3.3M
Q38 2N5172
R366 150k
R367 15k
R368 150k
R363 22M
Q39 2N5172
R364 100k
R371 22M
C112 100pF
TOP INVERTER
R331 100k 1%
C97 20pF
A37 LM301
C98 30pF
J15
J12 OUT
2ND INVERTER
R337 100k 1%
C99 20pF
A38 LM301
C100 30pF
J14
J11 OUT
LAG
R340 1M
C101 20pF
A39 LM301
C102 30pF
C103 20pF
J13 LAG IN/TIME
J10 LAG OUT
schematics are fixed according to patroche reverse of that part
R394 1.8k
C390 10nF
R379 4.7k
Q43 2N6076
Q44 2N6076
RV389 100k
68k R380
1.8k R381
C117 10nF
R399 150k
R382 1.5k
Q45 2N4870
R383 100R
C115 1.5uF 35V
R384 47k
R385 100k
C116 10nF
A42 LM301
D48 1N4148
R389 10k
R587 4.7k
C118 10nF
1N4148 D47
1k R386
5.9k R388
J25 J26 clock rate
INTERNAL CLOCK
J21 CLOCK OUT
J17
4015 sample and hold
J4015-8
J4015-7
J4015-6
J4015-5
J4015-1 S/H INPUT
J4015-4 S/H CLOCK IN
J20 S/H INPUT
J19 S/H OUTPUT
C119 1nF
R390 47k
R391 47k
R392 47k
R393 1k
J18 S/H EXT CLOCK IN
JP4
JP5
JN6
C126 1uF 35V
C125 1uF 35V
C390 is named C123 which is duplicate, renamed
same for C128 which become C341
Q45 (2N6076) -> Q43
R363 -> R343
R391 -> R399
R389 -> RV389
R391 (int clock) -> R394
Sheet: /
File: Board 5-1.sch
Title:
Size: A2
Date:
Rev:
KiCad E.D.A. kicad (5.1.9)-1
Id: 1/1