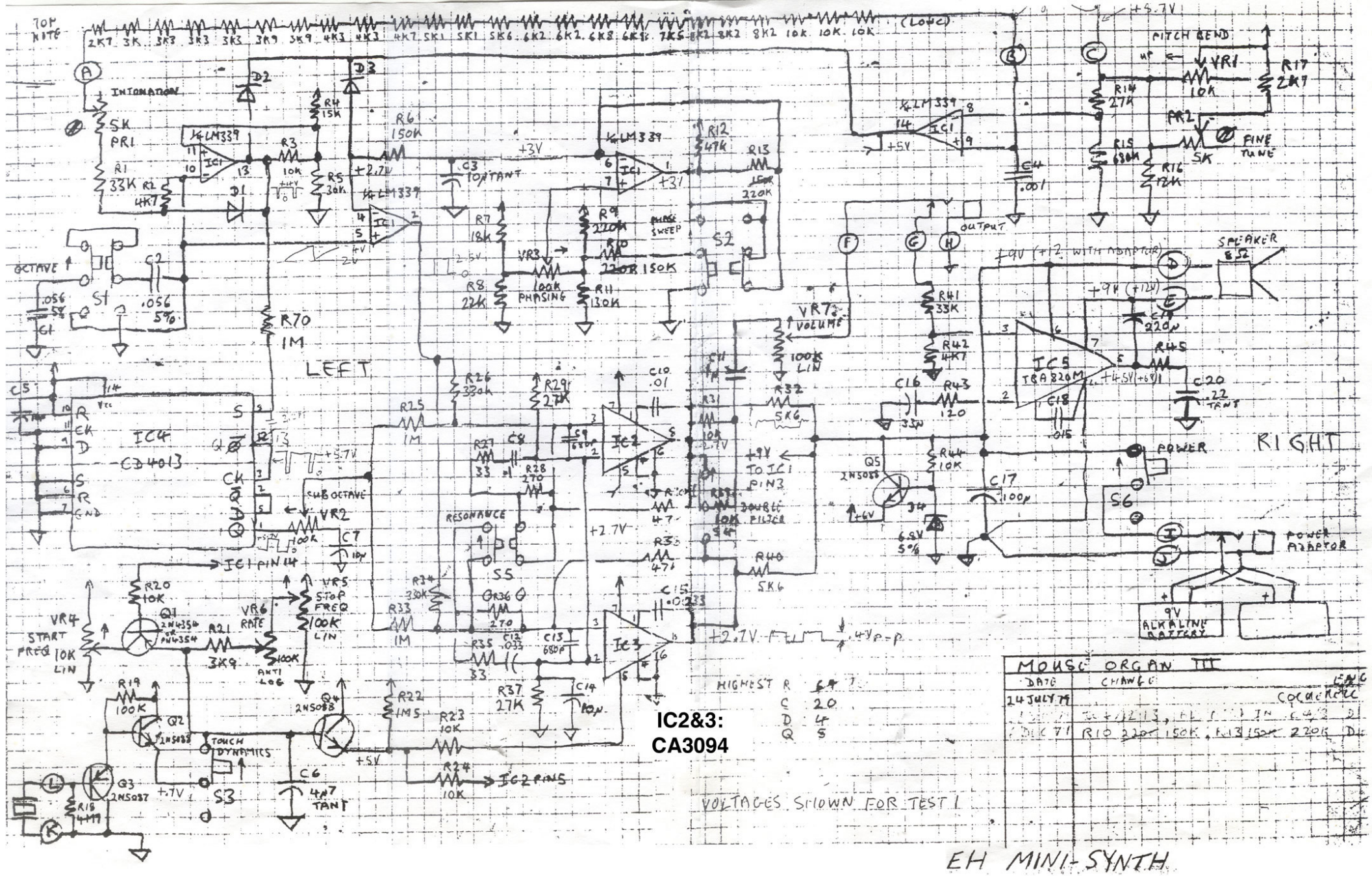
TOP NOTE
2K7 3K3 3K3 3K3 3K3 3K9 3K9 4K3 4K3 4K7 5K1 5K1 5K6 6K2 6K2 6K8 6K8 7K5 8K2 8K2 8K2 10K 10K 10K (LOUC)
INTONATION
5K PR1
R1 33K
R2 4K7
D1
D2
D3
R4 15K
R3 10K
R5 30K
R6 150K
C3 TANTANT
+3V
+2.7V
+2V
+4V
IC1 LM339
R7 18K
R8 22K
VR3 100K PHASING
R9 220K
R10 220K
R11 130K
150K
PHASE SWEEP
S2
R12 47K
R13 220K
OCTAVE
S1
C1 .056 5%
C2 .056 5%
R70 1M
LEFT
VR7 VOLUME
100K LIN
C11 1µ
R26 330K
R25 1M
R29 27K
C10 .01
R31 10K
R32 5K6
IC2
C9 .0068
R27 33
C8 .1
R28 270
RESONANCE
S5
R30 47
R29 10K DOUBLE FILTER
S4
R35 33
C12 .033
C13 680P
R36 270
R34 330K
R33 1M
R37 27K
C14 10N
IC3
C15 .0033
R40 5K6
+2.7V
4Vp-p
IC4 CD4013
C5
C7 10N
SUB OCTAVE
VR2 100K
IC1 PIN 14
R20 10K
VR4 START FREQ 10K LIN
Q1 2N4354 or PN4354
VR6 RATE
R21 3K9
VR5 STOP FREQ 100K LIN
ANTI LOG 100K
R19 100K
Q2 2N5088
Q4 2N5088
TOUCH DYNAMICS
S3
R22 1M5
R23 10K
R24 10K
IC2 PINS
+5V
+7V
C6 4µ7 TANT
Q3 2N5087
R18 4M7
VOLTAGES SHOWN FOR TEST I
HIGHEST R 64
C 20
D 4
Q 5
IC2&3:
CA3094
+5.7V
PITCH BEND
VR1 10K
R14 27K
R17 2K7
R15 680K
R16 12K
PR2
5K
FINE TUNE
IC1 LM339
C4 .001
OUTPUT
+9V (+12 WITH ADAPTOR)
SPEAKER 8Ω
R41 33K
R42 4K7
C19 220µ
IC5 TBA820M
R45
C18 .015
C20 .22 TANT
C16 33µ
R43 120
R44 10K
Q5 2N5088
C17 100µ
6.8V 5%
POWER
S6
POWER ADAPTOR
9V ALKALINE BATTERY
RIGHT
MOUSE ORGAN III
DATE
CHANGE
ENG
14 JULY 79
COCKCROFT
R10 220K 150K, R13 150K 220K
EH MINI-SYNTH