

- R. 1 470k
- 2 150k
- 3 10k
- 4 100k
- 5 1k
- 6 1k
- 7 4700
- 8 390
- 9 47k
- 10 10k
- 11 11k
- 12 -
- 13 6800
- 14 680
- 15 190k
- 16 221k
- 17 15k
- 18 100k
- 19 15k
- 20 -
- 21 118k
- 22 249k
- 23 470
- C 1 .033
- 2 821k
- 3 10uF
- 4 .25
- 5 .02
- 6 180uF
- 7 .012
- 8 .011
- 9 .015
- 10 100uF
- 11 10uF

NOTES: VERY NOISY - DEFECTIVE C12
 REPLACE C10, C11 ALSO
 DEFECTIVE C12 CAUSED - 16V BE - 25V LEAKY

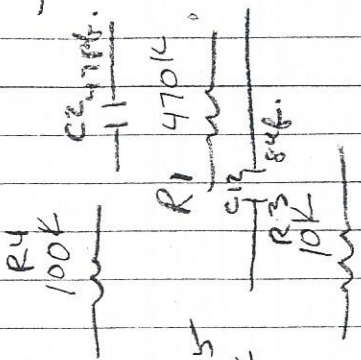
11 CAPS
 RES

with input shorted → 140 mV pp at output

MODEL 22-01
 NEEDS TO BE REPAIR

11/13/94

C1 .033



R10 10K

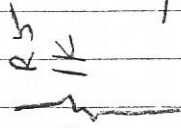


Q1

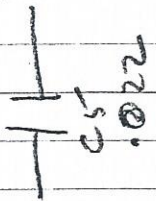
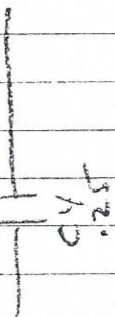
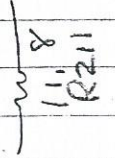


Q2

C9 .015
C7 .012

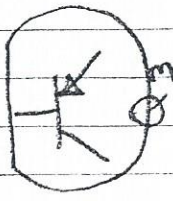
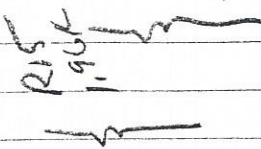


R22 249K

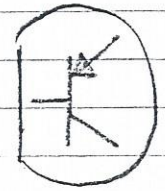
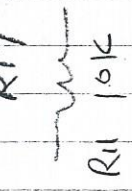


-16V DC

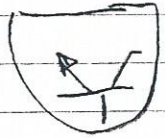
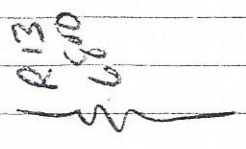
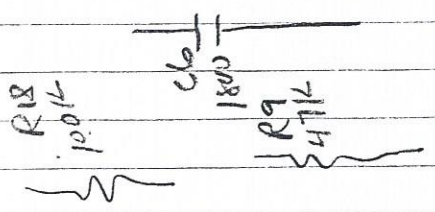
MODEL 2201



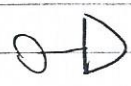
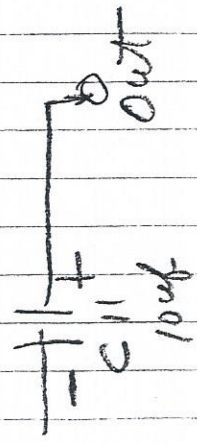
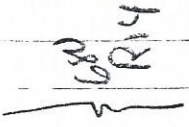
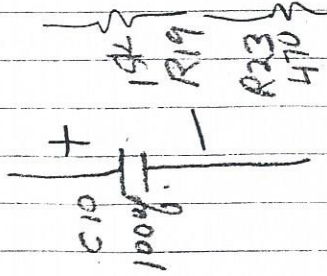
15K

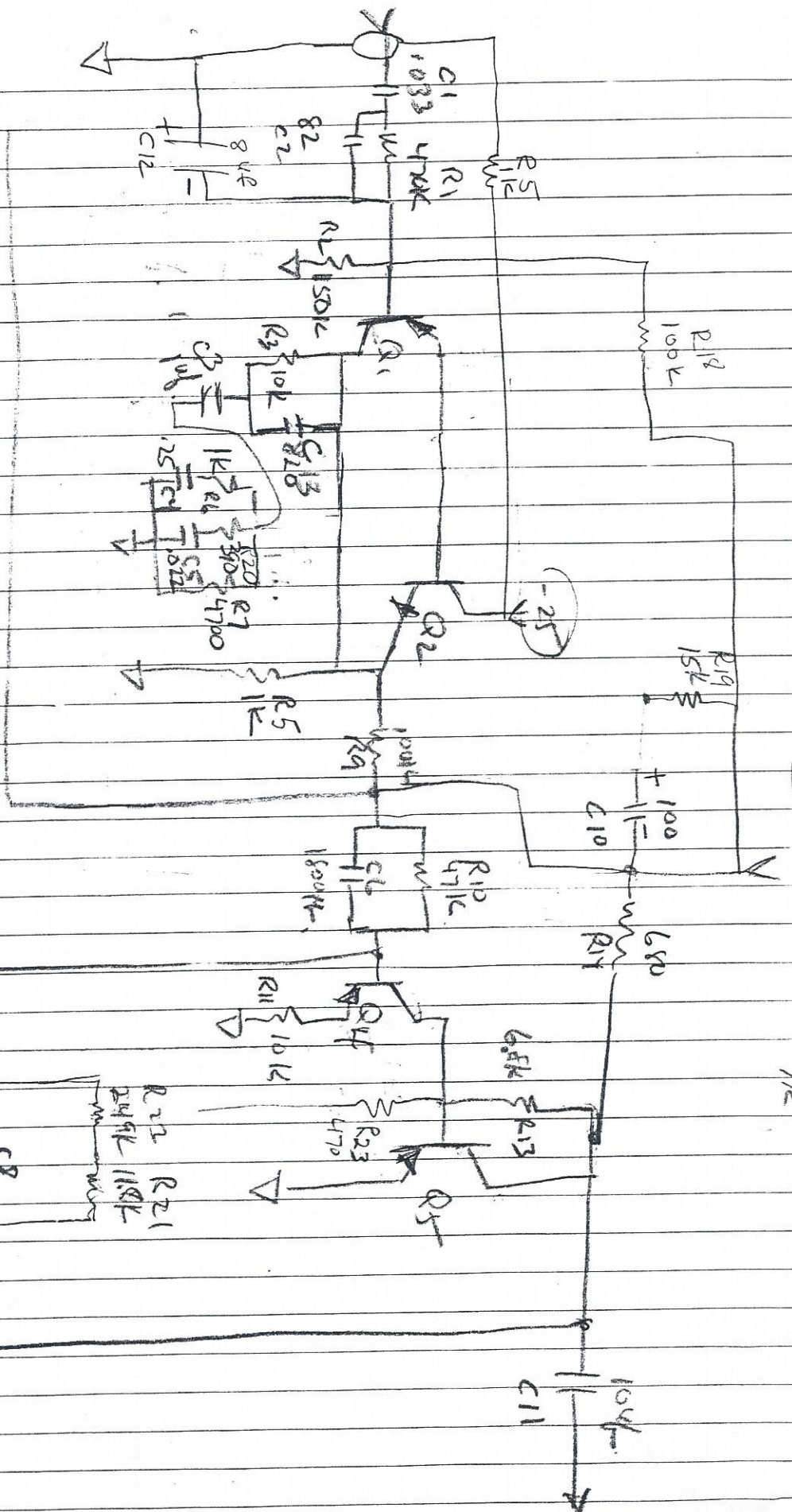


Q5



Q4





$$\frac{32-16}{1/2} = 16 \text{ mA}$$

Down. EQ

R
 C
 13
 C13
 LNT 4247D
 R21