

20409 GA

07131598+  
PROGEN AA31598  
PROGENI NZ30594

TO: RAS  
FM: ILR  
REF: 7138  
DATE: 28 MAY 1985  
RE: POLY 1 OVERHEATING DIODES

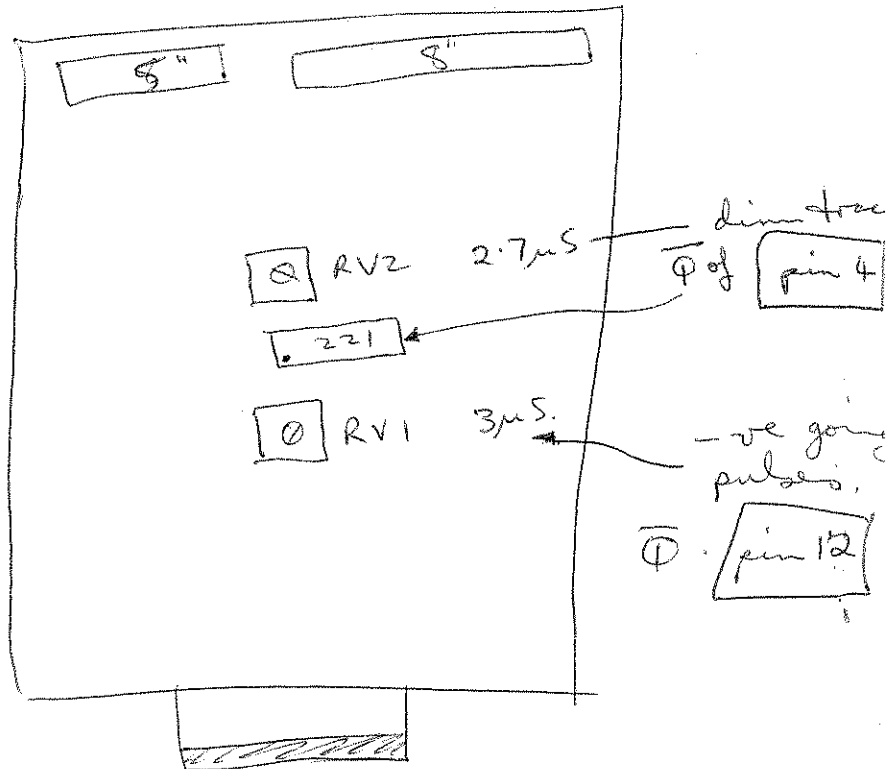
MODIFICATION TO REDUCE HEATING OF D214, D215.

1. REMOVE L7. REMOVE AND DISCARD WINDING PLUS TWO STAND-OFFS. REWIND WITH 35 TURNS OF 0.5MM DIA ENAMELLED COPPER WIRE. GLUE WIRE TO FERRITE ROD WITH AN ELASTIC ADHESIVE EG SILASTIC. STRIP ENAMEL OFF ENDS OF WIRE AND RE-SOLDER IN PCB. GLUE TO PCB WITH SILASTIC. THIS IS NECESSARY BECAUSE THE THINNER WIRE IS NOT STRONG ENOUGH TO SUPPORT L7.
2. CONNECT 2.2 OHM 0.5 WATT RESISTOR IN SERIES WITH D214 AS FOLLOWS CUT TRACK TO CATHODE OF D214 NEAR TO POINT WHERE IT MEETS ANOTHER TRACK IE LEAVE MAXIMUM AMOUNT OF TRACK ATTACHED TO CATHODE OF D214. SOLDER THE RESISTOR ON THE BOTTOM OF THE PCB FROM CATHODE OF D214 TO ONE OF THE OUTER TERMINALS OF R224.

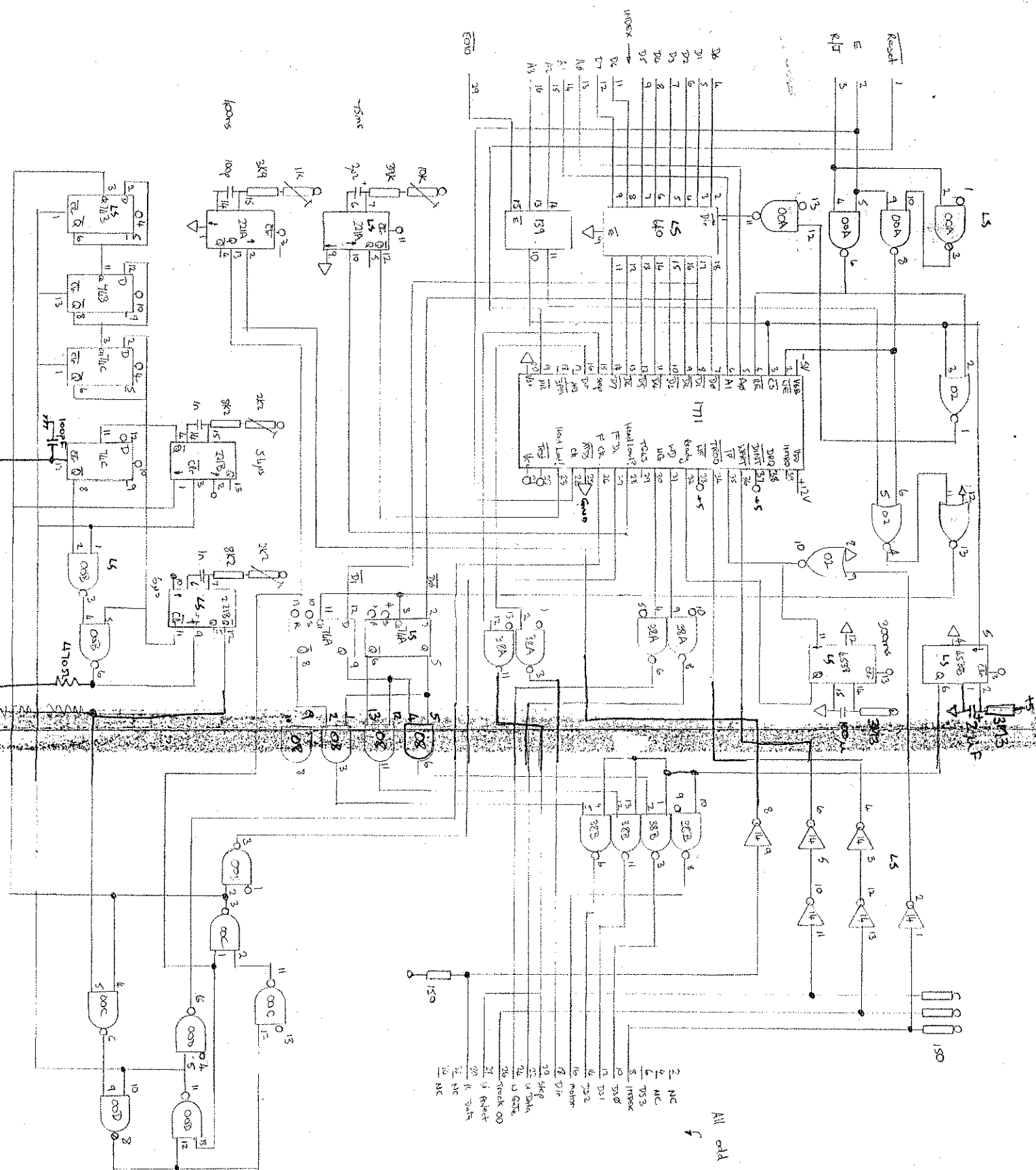
PLEASE ADVISE OF ANY PROBLEMS,  
REGARDS, IAN

PROGEN AA31598  
PROGENI NZ30594VVVV  
002.8 MIN

Read EP18 to select.







○ means +5V  
 ▽ means ground.  
 All ICs 74LS series  
 Except 7438 TTL.

All odd numbered pins in gnd

- 2 NC
- 4 NC
- 6 753
- 8 753
- 10 550B
- 12 550B
- 14 550B
- 16 550B
- 18 550B
- 20 550B
- 22 550B
- 24 550B
- 26 550B
- 28 550B
- 30 550B
- 32 550B
- 34 550B
- 36 550B
- 38 550B
- 40 550B
- 42 550B
- 44 550B
- 46 550B
- 48 550B
- 50 550B
- 52 550B
- 54 550B
- 56 550B
- 58 550B
- 60 550B
- 62 550B
- 64 550B
- 66 550B
- 68 550B
- 70 550B
- 72 550B
- 74 550B
- 76 550B
- 78 550B
- 80 550B
- 82 550B
- 84 550B
- 86 550B
- 88 550B
- 90 550B
- 92 550B
- 94 550B
- 96 550B
- 98 550B
- 100 550B