

## MIGHTY MONKEY on SCRAMBLE

PROMS 1-8= program 9-12 characters 13-14 sound  
all 2732

1. Insert 1-8 and 9 + 10 without pins 18 and 20
2. Piggyback 11 and 12 on 9 and 10 without p18s and p20s
3. Piggyback 74LS00 on any IC but connect only power (p7 + p14)
4. Connect pin 3 of 00 to point near B2 and cut that track.
5. Connect p1 and p2 on 00 and link them to B4 pin 6
6. Cut p6 and p7 on B5
7. Connect pins 18s and 20s of PROM 9 and 10 to 00 p6
8. Connect p4 + p5 of 00 to lifted pins 18 & 20 of PROM 11 + 12 and link them to B5 p6
9. Cut E3 p4 and p5 and connect the p4 and p5 to 00 p8
10. Connect p9, p10, p11 on 00
11. Connect p12 of 00 to B4 p7
12. Connect p13 of 00 to B4 p4
13. Cut E3 p1, p2, p3
  - connect p1 to track of p2
  - connect p2 to track of p3
  - connect p3 to A3 p11
14. On solderside cut tracks to p21 of PROM 9 and 10
  - Connect both pins 21 to B5 p4
15. On solderside cut all tracks to pins 21 of PROM 1-8
  - Connect them all to A2 p5
17. On B5 connect solderpoints 7 & 8

### SOUNDBOARD:

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1. Insert PROM 13 & 14
2. Cut tracks to p21s of PROMs
3. Add resistor 10k0 between H3 p1 and DIL-switch 6 (on) 5V
4. Connect DIL switch 6 (off) to E1-2 p10
5. Cut track to p10 and p12 of E1-2
6. Connect p12 of E1-2 to ground
7. Connect DIL 5&6 (off)
8. Connect H3 p6 to E4 p13
9. Cut track to E4 p13 & p 14 + p4A 15
10. Connect track from p13 to pin 14
11. Connect track from p14 to pin 15
12. Connect pins 21 of PROM to F3 p11