

7. CUT P1, P2, P3 OF E3

8. CONNECT P1 TO TRACK OF P2 (ADDR 12)

9. CONNECT P2 TO TRACK OF P3 (ADDR 13)

10. CONNECT P3 TO P11 OF A3 (ADDR 14)

11. CONNECT P1 TO P2 ON 00 AND LINK THEM TO P6 OF B4 (Y2)

12. CUT TRACK OF ADDR 15 GOING TO SOUND BOARD (TRACK FOUND BETWEEN B2 AND B3)

13. CONNECT P3 OF 00 TO PART OF TRACK GOING TO SOUND BOARD

#### CHARACTERS

14. PIGGYBACK C3 ONTO C1 AND C4 ONTO C2 LEAVING P20 FREE

15. CUT P6, P7 OF B5

16. CONNECT P20 OF C1 AND C2 TO P6 OF 00

17. CONNECT P20 OF C3 AND C4 TO P4 + P5 OF 00 AND LINK THEM TO P6 OF B5

18. CONNECT ALL P21s CHARS TO P4 OF B5

19. CONNECT TRACK OF P7 OF B5 TO P8 (GND)

#### SOUND BOARD

20. 470 DIP 6 THROUGH 1K RESISTOR CONNECT OTHER SIDE TO GND

21. CUT TRACK OF P10, P12 OF E1

22. CONNECT P12 OF E1 TO GND

23. CONNECT P10 OF E1 TO DIP 6

24. 516

24. PIGGYBACK S2B ONTO S2A LEAVING P20 FREE

25. CONNECT P20 OF S2B TO P4 OF E4

26. 732

26. CUT TRACKS OF P13, P14, P15 OF E4

27. CONNECT P13 OF E4 TO P6 OF H3 (ADDR14)

28. CONNECT TRACK FROM P13 TO P14 (ADDR13)

29. CONNECT TRACK FROM P14 TO P15 (ADDR12)

30. CUT TRACK TO P21 OF SOUND CHIPS AND CONNECT TO P11 OF F3 (ADDR11)