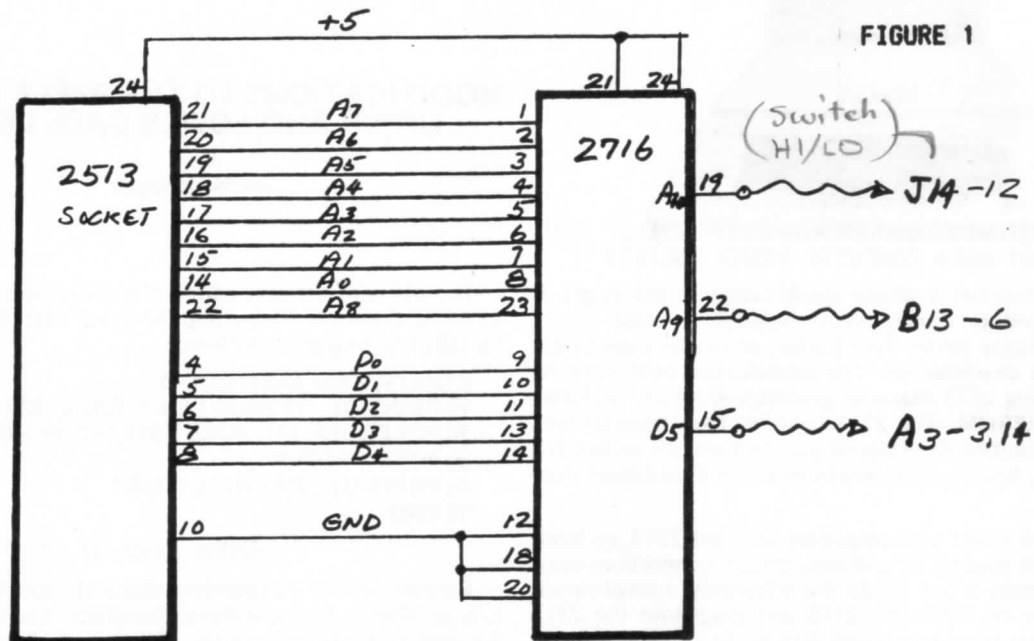


CIRCUIT FOR DISPLAYING UPPER/LOWER CASE  
LETTERS USING THE APPLE TEXT EDITOR.



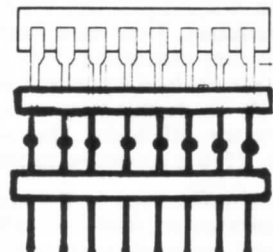
J14: USE A 16 PIN SOCKET, ATTACH PIN 12 TO THE 2716 at PIN 19. PLUG THIS SOCKET INTO GAME PADDLE SOCKET, GAME PADDLES MAY THEN BE PLUGGED INTO TOP OF THIS SOCKET

B13: AT LOCATION B13, REMOVE THE IC (74LS02) THEN TAKE A 14 PIN SOCKET AND ATTACH A WIRE TO PIN 6, CONNECT THE OTHER END OF THIS WIRE TO PIN #22 OF THE 2716. NOW INSERT THIS SOCKET INTO LOCATION B13, THEN REINSTALL IC (74LS02) INTO THIS SOCKET.

A3: AT LOCATION A3 REMOVE IC (74166) THEN TAKE A 16 PIN SOCKET AND CONNECT A WIRE TO BOTH PINS 3 AND 14, CONNECT THE OTHER END OF THIS WIRE TO PIN #15 OF THE 2716. BE SURE TO CUT PINS 3 AND 14 SHORT SO THEY DO NOT GO THRU AND INTO THE BOARD SOCKET, HOWEVER ALL REMAINING PINS MUST CONNECT TO BOARD SOCKET. NOW PLUG SOCKET INTO LOCATION A3 THEN REINSERT IC (74166) INTO THIS SOCKET.

Example of a Piggyback Socket Mounting.

DEVICE----->  
SOCKET----->  
SOLDER----->  
HEADER----->



A listing of the hex code for the character ROM is presented on the following pages.