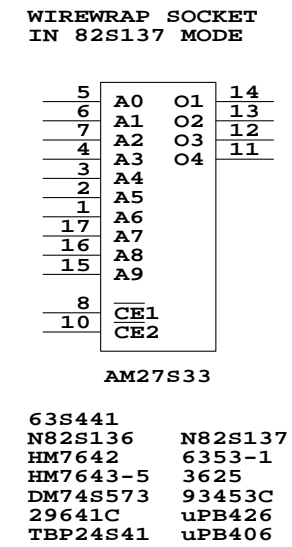
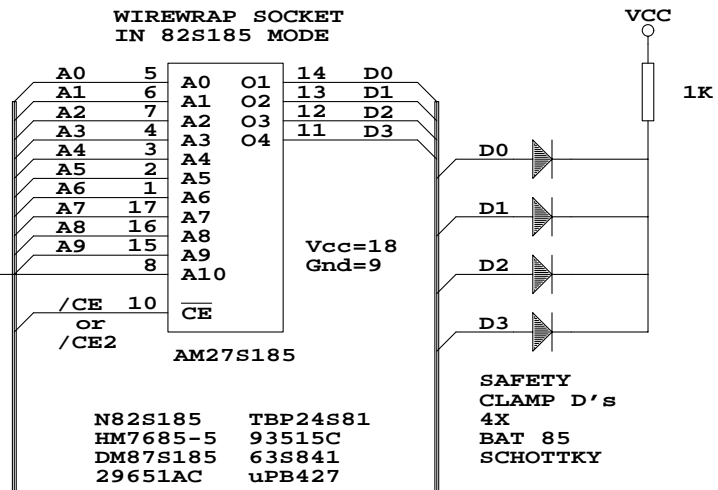
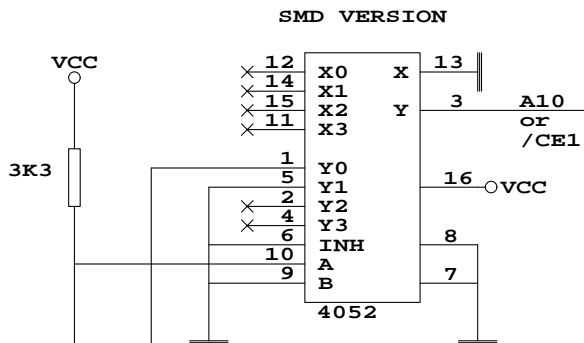


PROMS ARE IN OPEN COLLECTOR AND TRI-STATE VERSIONS BOTH WILL READ OUT CORRECTLY

8192-bit = 2048x4

4096-bit = 1024x4

pull-up R:
1K - 10K = OK



PROM PIN 8 USE:
82S185 or 82S137 MODE
SW1 ON = LOW = A10 MODE
SW1 OFF = HIGH = /CE MODE
/CE1 = ALWAYS LOW

SW1 SETS USE OF PROM PIN 8:
A) FIXED (/CE1) TO GROUND = 82S137 MODE
B) A10 FEEDTHROUGH = 82S185 MODE

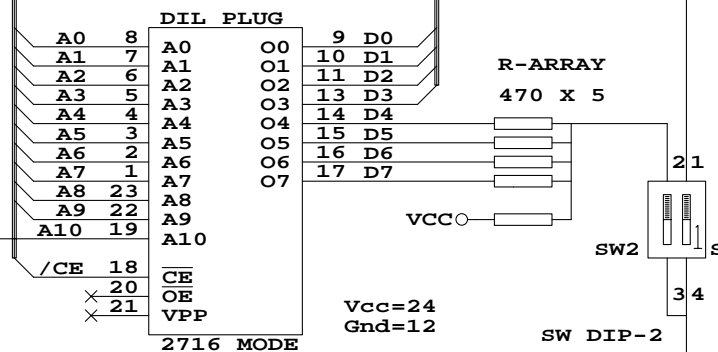
SW2 SETS FIXED PREDEFINED VALUE FOR
DON'T CARE BITS D4 - D7

A SMD CMOS 4066 COULD ALSO BE USED AS SWITCH CIRCUIT
WITH APPROPRIATE WIRING, BUT A SMD 4052 WAS AVAILABLE

RESISTORS ARE MINIATURE TYPES 1/16 WATT
NON CRITICAL VALUES, MAKE YOUR CHOICE

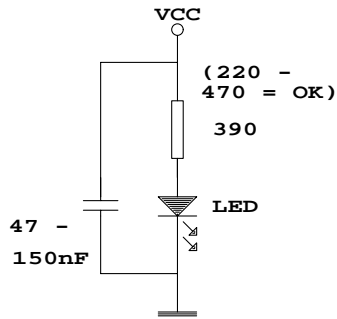
USE AND TEST THE ADAPTER FIRST WITHOUT PROM INSERTED,
IF Vcc STAYS ON (POWER LED) THEN SWITCH TO 2764 MODE TO TURN
Vcc OFF FOR INSERTING AND REMOVING ADAPTER WITH PROM!!

THE SMALLER WIREWRAP SOCKET IS PLACED INSIDE
THE BIGGER 24 (OR 28) PINS DIL FLATCABLE PLUG
SOME HEAT ON THE LONG PINS FIXES IT IN POSITION IN DIL PLUG
CONNECTIONS WIRED WITH THIN WIREWRAP WIRE (AND SOLDER), ALL COMPONENTS
ARE INSIDE THE SOCKET AND STABILISED WITH SOME EPOXY RESIN!



DON'T CARE BITS SETTING
SW2 ON = D4 - D7 = ALWAYS LOW
SW2 OFF = D4 - D7 = ALWAYS HIGH

ADAPTER IS MADE TO UNDERSTAND AND REVERSE
ENGINEER SOME ELECTRONIC CIRCUITS.
(Philips MX294 !)



PROMS2.SCH

PROM REWIRED TO 24 PIN DIL (IN 2716 MODE)		
Title ANOTHER BIPOLAR PROM READOUT ADAPTER		
Size	Document Number	REV
A	Created by W. Geeraert PE1ABR	
Date:	August 8, 2002	Sheet 2 of 2