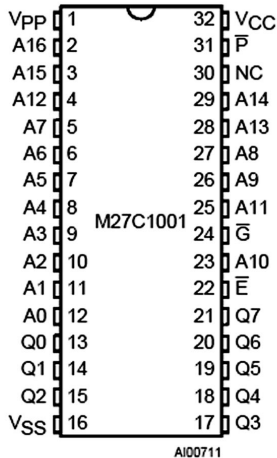# M27C1001

Figure 2A. DIP Connections

Important remark: make sure there is NO contact between pin 24 of the Eprom and pin 22 of the socket !!!

They might be removed from programed Eprom !

Marked Pins without use at Adaptor !

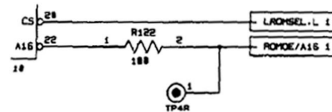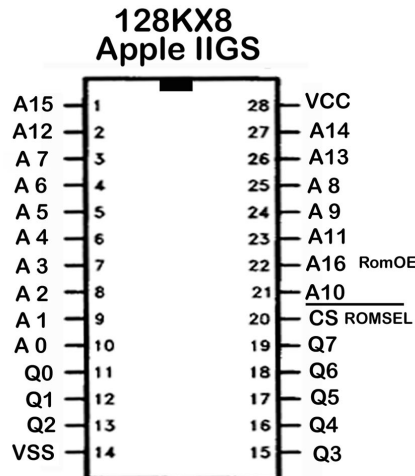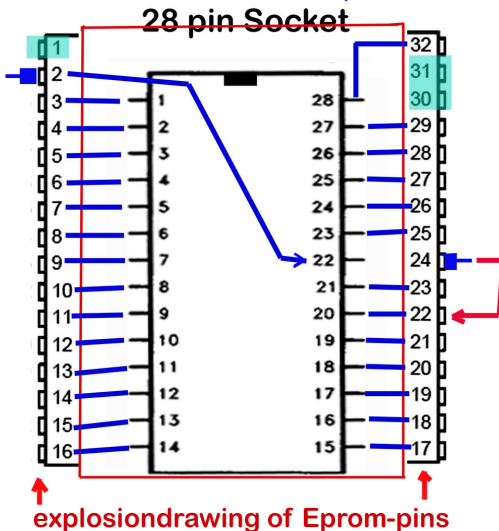Lineconnections between Eprom and socket

28 pin Socket

explosiondrawing of Eprom-pins

128KX8 Apple IIGS

RomOE

CS ROMSEL

TC53100 Apple ROM0/ROM1

PIN CONNECTION

(TOP VIEW)

M27C1001			
VPP	1	32	VCC
A16	2	31	$\overline{P}$
A15	3	30	NC
A12	4	29	A14
A7	5	28	A13
A6	6	27	A8
A5	7	26	A9
A4	8	25	A11
A3	9	24	$\overline{G}$
A2	10	23	A10
A1	11	22	$\overline{E}$
A0	12	21	Q7
Q0	13	20	Q6
Q1	14	19	Q5
Q2	15	18	Q4
VSS	16	17	Q3

AI00711

Table 1. Signal Names

A0-A16	Address Inputs
Q0-Q7	Data Outputs
$\overline{E}$	Chip Enable
$\overline{G}$	Output Enable
$\overline{P}$	Program
VPP	Program Supply
VCC	Supply Voltage
VSS	Ground
NC	Not Connected Internally

Description of mounting Adaptor
between 27C1001 Eprom and
Socket as Replacement for
TC531000 masked ROM in
Apple IIGS ROM 0 or ROM 1 models
All related Parts from Datasheets
and details from circuitplans are
displayed here to for documentation.
Solder short wire from pin 28 of socket to
pin 32 of Eprom.

Place a 28pin Socket firmly at your solderingplace.
solder a thin coated wire to Pin 22 of the socket and
place the rest of the wirepart up to the frontend at Pin1
with enogh left wire to later connect this open end to
Pin 2 of the programmed Eprom. Carefully bend Pin 2, Pin 32 and Pin30 and
Pin 24 to horizontal position away from the programed chip without
breaking the pins (according to upper middle drwaing).
Plugin the programed Eprom with the Pins 3 to 16 and Pins 17 to 30
into the Socket with the remaining 4 Pins (1,2,31 and 32) "hangover"
the top of the socket. Carefully solder short piece of wire from
Pin 22 of the programed Eprom (that is inserted at Pin 20 of the
socket) to Pin 24 of the Eprom too. Connect remaining end of the wire
from Pin 20 of the socket to Pin 2 of the Eprom. Finished !

PIN NAMES

A0 ∿ A16	Address Inputs
D0 ∿ D7	Data Outputs
$\overline{CE}$/CE	Chip Enable Input
VDD	Power Supply
GND	Ground