

# USING THE 1702 READ ONLY ADAPTER

The 1702 read-only adapter is designed to operate with the AR-32A programming unit and allows you to read the contents of a 1702 early first generation eprom.

To install the adapter lift the handle on the programming unit socket to a 45 degree angle and insert the adapter pins into the open pins of the socket mechanism. The adapter must be inserted fully left justified in the 32 pin socket. Be sure the adapter is flush with the programming unit socket and release the handle to lock the adapter in place.

Connect the orange wire marked -12VDC/12VAC to the 12 volt AC pin on the programming unit accessory connector. This allows the programming unit to source the AC voltage which will be used to create the -9Volts DC required by the 1702 part.

To read the part select the 1702 from the device selection table. Lift the handle on the adapter and install the part with the notch facing the red dot on the adapter socket. Use Command 3 (Read device into buffer) to read the part. The data will be located in the buffer beginning at address 0. Press 5 (buffer editor) to view the data.

## THIRD PARTY PROGRAMMER SUPPORT

If you are using this adapter with a third party programmer we cannot guarantee successful operation. If you wish to attempt the read operation follow these steps:

1. Install the adapter into the socket on the programmer and install the 1702 part.
2. Connect a 12 volt AC or -12 volt DC source between the -12VDC/12VAC pin and GND.
3. Select the smallest parallel eprom the programming software supports (probably a 2716) and instruct the software to read.
4. A 2716 is 8 times larger than a 1702 so if the read is successful you will have eight copies of the 1702 data in the systems buffer.
5. The data ranges from 0 to FF (256 bytes) in the buffer. Data at buffer address 100 and beyond should be ignored.