



# JASON-RANHEIM COMPANY

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## THE CPR3 CARTRIDGE

The CPR3 cartridge is supplied as a kit. It contains:

- 1- CPR3 PC board
- 1- PCCH2 Plastic housing
- 1- 2764 Core EPROM (8k)
- 2- 27256 Data EPROM's (32k each)

The CPR3 is intended for use with the CAPTURE® and PROMENADE C1® systems. It is not intended for general use.

To produce a CPR3 cartridge of a program, pre-configure computer RAM; load and run your program and CAPTURE it at the desired point. Now select option 4 from the CAPTURE main menu. You will be asked for the CW (Control Word) for the "core" EPROM. For the CPR3, this will be either 5 or 6. See the attached sheet for the CW's to use with the EPROM's supplied with your kit. Next you are instructed to install your core EPROM in the C1's programming socket. This is then programmed by the C1.

Next, you are asked to supply the CW for data EPROM #1. This will be either 229 or 230. Now you are instructed to install this EPROM in the C1 for programming. If your program requires, the process will be repeated for data EPROM #2.

Now install the EPROMs in the sockets on the CPR3 PC board. Refer to FIG. 1 for position and orientation.

Next, install the PC board in the PCCH2 housing. The plastic base and cover press together.

Now, with the power off, plug your cartridge into your 64 or 128. Turn on the power and in 2 seconds or less, your program should be running from the exact point where you CAPTURE'd it.

### NOTES:

- 1- It is a good idea to keep your EPROM's together as a set.
- 2- To make plugging EPROMs into the PC board easier, bend the 'legs' so that they extend perpendicular from the EPROM body. This is easily done by laying the EPROM on its side on a flat surface; then with a rotating motion, bend all the legs on one side at once. Turn the EPROM over and do the same thing with the other side.
- 3- To remove EPROM's from the PC board sockets, use a small screwdriver, nail file, etc. to pry the EPROM out a little bit at a time; first from one end, then the other.

- 4- EPROMs can be erased and reused. You must use a UV EPROM eraser especially made for this purpose. Black lights, grow lamps, the sun, etc. do not work.
- 5- CAPTURE uses intelligent programming algorithm #1.
- 6- Smaller programs may not require data EPROM #2. Installing it in the CPR3 PC board isn't necessary in this case.

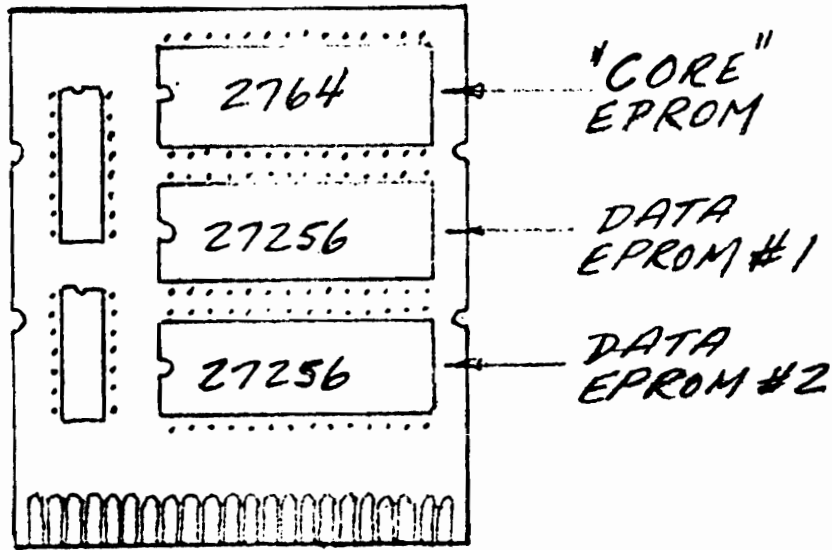


FIG. 1  
CPR3 PC BOARD

=== IMPORTANT ===

Use these control words to program your CPR3 EPROMS:

For the "CORE" EPROM use CW of 5 (2764, Vpp=21.0v)

For the DATA EPROMs use CW of 229 (27256, Vpp=21.0v)