



ROM-H Duplication

PROBLEM: Reprogramming ROM H

Using a PRW05 or PRW-06, P-ROM Writer and a SYSMAC C28K OMRON Programmable Controller

To write a program from the programmable controller to a ROM-H installed in the P-ROM writer

- Turn off the power to the PC. The DIP switch settings (1, 2, 3, and 4) will determine whether the program to be duplicated will be copied from RAM (PC memory) or ROM-H in the 28 pin socket of the P-ROM writer.
- Install the P-ROM WRITER on the PC. Install a blank ROM-H in the 28 pin socket of the P-ROM writer.
- Set the switches on the P-ROM writer:
EPROM TYPE: *2764
WRITE MODE: Normal
OPERATION MODE: READ
CHIP NO.: 0
- Turn on the power to the PC and press start. The 4 LED's on the P-ROM writer will begin to blink indicating the progress of the copy process (10 to 15 min.).
- When the LED's stop blinking turn off the power and remove the ROM-H from the P-ROM writer. Label the new ROM-H with the program number.

To read a program from ROM-H to the programmable controller (RAM)

- Turn off the power to the Programmable Controller (PC).
- Remove the cover from the ROM-H compartment on the PC and set the first four DIP switches to RAM (1 & 2 on and 3 & 4 off).
- Install the P-Rom writer on the PC.
- Set the switches on the P-ROM writer:
EPROM TYPE: *2764
WRITE MODE: Normal
OPERATION MODE: READ
CHIP NO.: 0
- Install a ROM-H EPROM (with program to be loaded) in the 28 pin socket of the P-ROM writer and turn on the power.
- Press Start. The run LED on the P-ROM WRITER will light for about 1 second. The program is now loaded into RAM of the PC.
- Turn of the power and remove the P-ROM writer from the PC.
- Turn on the power and the run LED on the PC should light.