

formats are possible with minor modifications. Full 16-bit addressing could easily be accomplished for more complex interpreters (see the program description for details).

If you have modified your CHIP-8 interpreter, CHIP-8 Assembler-3 needs no modifications to handle the changes. The system ROM must be intact, however, for the Assembler to operate. Such versatility will be appreciated by those who have developed their own interpreters or have added new CHIP-8 instructions to their old one.

VIPpers suffer from a lack of software, particularly utility programs such as CHIP-8 Assembler-3, Text Editor-21, and Disassembler-7*. The availability of such tools -- and that's exactly what they are: tools -- will precede the eventual acceptance of the 1802 microprocessor into the arena now shared only by the 8080, the Z-80, the 6502, etc. I have a firm belief that this will happen, and am committed to its progress.

You are the owner of a well built, well designed, fairly well (and improving!) documented microprocessor system. I hope the following programs will add to your knowledge and enjoyment of your RCA COSMAC VIP.

* The Disassembler-7 is another part of Tom's PIPS FOR VIPS book.