

Intel 8080 8085 Assembly Language Programming

~~Programming the Intel 8080, 8085 and Zilog Z80 in Assembler #15 Intel 8080 and 8085 Stack Primer Assembly Programming Part II of programming the Intel 8080, 8085 and Zilog Z80 in Assembler Part VII of programming the Intel 8080, 8085 and Zilog Z80 in Assembler Interrupts Part 1 with the Intel 8080/8085 and Zilog Z80 Part XIV of programming the Intel 8080, 8085 and Zilog Z80 in Assembler~~

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Intel 8080 - Wikipedia

The Intel 8085 ("eighty-eighty-five") is an 8-bit microprocessor produced by Intel and introduced in March 1976. It is a software-binary compatible with the more-famous Intel 8080 with only two minor instructions added to support its added interrupt and serial input/output features. However, it requires less support circuitry, allowing simpler and less expensive microcomputer systems to be built.

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Intel 8080 Read/Set Interrupt Mask Instructions. According to Intel's 8080-8085 Assembly Language Programming guide, the OP Code 20 corresponds to the Read Interrupt Mask (RIM) instruction, and 30 corresponds to the Set Interrupt Mask (SIM) instruction. But these interrupts were only available on the 8085. What did these instructions do on the earlier 8080 chipset?

assembly - Intel 8080 Read/Set Interrupt Mask Instructions ...

Additional Physical Format: Online version: Leventhal, Lance A., 1945-8080/8085 assembly language subroutines. Berkeley, Calif. : Osborne/McGraw-Hill, ©1983

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