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Intel Advert - November 1977

From 'Byte - The Small Systems Journal'

"Intel delivers SDK-85. It's the quickest way to sink your teeth into 8085 design"

Back in the 1970s, probably almost every time a new CPU came out, it would most likely possess an entirely new instruction set - even within the same range of computers, quite often code would have to be changed between models as memory addresses would be different depending upon how much RAM was available. Anyway, this advert is for an Intel Software Development Kit - the tools needed to write code against and develop hardware to run with Intel's new 8085. It included the actual hardware - 8085 CPU, 256 bytes (yes, just bytes) RAM, I/O and timer and 2K ROM, all for only \$250 (£875 in 2011 money). A curiosity with this advert is the similarity between the bitten apple and Apple's logo.

Intel delivers SDK-85. It's the quickest way to sink your teeth into 8085 design.

Intel wants you to prove to yourself why the 8085 has become the new industry standard microcomputer. To make it easy for you to do that, our System Design Kit for the 8085 is available now for only \$250.

SDK-85 is the best way we know for you to evaluate MCS-85™ and develop prototypes of 8085-based designs, because it gives you a hands-on look at this important new microcomputer's capabilities.

And to simplify your evaluation, we've designed SDK-85 as a stand-alone kit. It comes complete with an integral keyboard for system control and data/program entry, and LED display output. To simplify programming, debugging and operation we've incorporated an on-board, ROM-resident software monitor.

The 8085 family of components provides you with unprecedented design flexibility. The basic three-chip, high level integration MCS-85 system is included in SDK-85. It includes the 8085 CPU, 8155 256-byte RAM with I/O and timer and 8355 2K-byte ROM with I/O. And there's an on-board single-chip keyboard/display interface, the 8279. Sockets are provided for easy RAM and ROM/EPROM expansion. And there's ample free space layed out for easy wire wrap expansion using Intel's

complete family of programmable peripheral controllers and your own prototype logic and special circuitry.

SDK-85 makes an excellent teaching aid for both microprocessor design and programming courses, for microcomputer design seminars and as a project for the progressive hobbyist. Because the 8085 is the most advanced microcomputer, SDK-85 is the key to state-of-the-art knowledge.

SDK-85 can be assembled in just a few hours with a soldering iron and a few basic tools. Hook it up to your 5V power supply and it's operational the same day you receive it. You can get your SDK-85 from any of Intel's distributors for \$250 in single unit quantities.

To order SDK-85 or any of the MCS-85 components, contact: Almac/Stroum, Components Specialties, Cramer, Hamilton/Avenet, Harvey Electronics, Industrial Components, Pioneer, Sheridan, L.A. Varah, Wyle Liberty/Elmar or Zentronics.

Or, for more information, use the reader service card or write: Intel Corporation, 3065 Bowers Avenue, Santa Clara, CA 95051. Telephone: (408) 246-7501.

intel delivers.

Circle 71 on inquiry card. BYTE November 1977 11

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Last modified: Aug. 23, 2011, 4:10 a.m.