Mitsubishi Enhances Single-Chip Solutions.

CMOS

Fast design. Short product introduction cycles. Microcontroller performance. Optimum integration that gets your designs to market quicker than you ever thought possible.

Mitsubishi's Series 740 single-chip MCUs for telecommunications, office and factory automation, computer peripherals and consumer applications.

Over two dozen Series 740 devices offer combinations of powerful on-chip features:
- Up to 10K bytes on-chip ROM, 512 bytes RAM
- Up to 56 I/Os
- UART
- A-D/D-A converters
- Pulse width modulation (PWM) functions
- Power-down mode for low-power, battery-back up (3V) operation

The Series 740 is supported with comprehensive development systems, including software that runs on MS/DOS-based computers (IBM-PC/AT/XT™) and CP/M™ systems.

In-circuit emulator (ICE) boards, EPROM development chips (with up to 8K bytes on-board EPROM) and debugging systems provide fast, easy design. Plus, you can shorten your product introduction cycles with one-time-programmable (OTP) versions.

Upward compatible with the 6502 instruction set, the Series 740 offers 13 extra instructions and augmented addressing modes.

For single-chip solutions, backed by extensive MCU experience and leadership, call or write Mitsubishi Electronics America, Inc., Semiconductor Division, 1050 East Arques Avenue, Sunnyvale, CA 94086. (408) 730-5900, Ext. 2314.

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