MOTOROLA
■ ■ **SEMICONDUCTOR** ■
TECHNICAL DATA

MC68HC05P3

Product Preview

MC68HC05P3
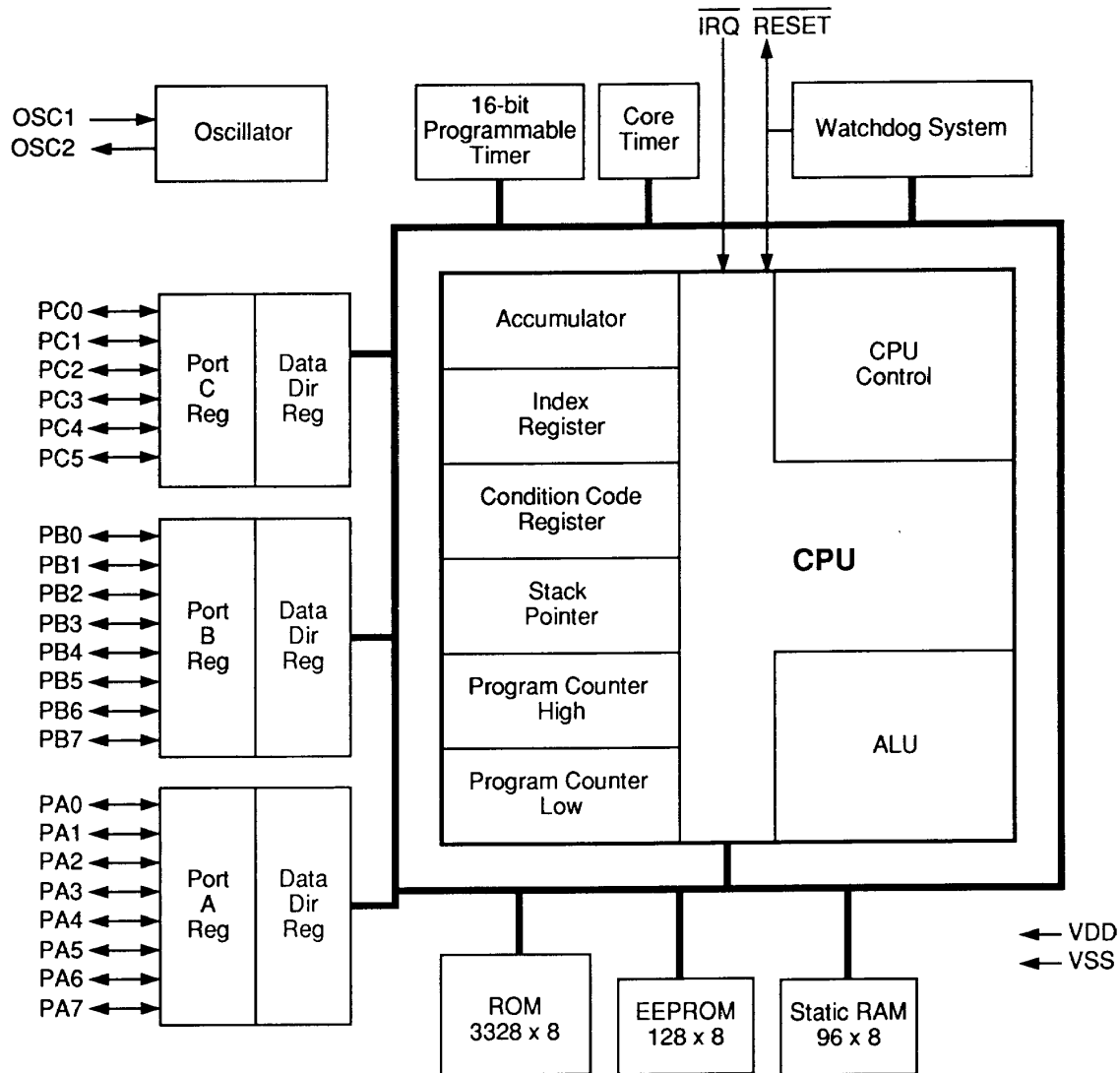# microcomputer unit with 16-bit programmable timer

The MC68HC05P3 (HCMOS) 8-bit microcomputer unit (MCU) is a powerful, low cost addition to the M68HC05 family. Featuring a multi-purpose core timer, a 16-bit programmable timer, 128 bytes of EEPROM and a keyboard interrupt, this general purpose MCU can be used in a wide variety of application areas. The MC68HC05P3 is available in 28-pin SOIC and 28-pin DIL packages.

For more detailed information, contact your local Motorola sales office.

The main hardware and software features of the MC68HC05P3 are as follows.

● HC05 8-bit core

● 3K bytes of ROM

● 96 bytes of RAM

● 128 bytes of EEPROM

● Multi-purpose core timer

● Real Time Interrupt (RTI)

● 16-bit programmable timer

● Computer Operating Properly (COP) watchdog timer

● Two 8-bit ports and one 6-bit port

● 22 I/O pins

● Keyboard interrupt

● Power saving WAIT and low power STOP modes

● Available in 28-pin SOIC and 28-pin DIL packages

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MC68HC05P3 Block Diagram

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