



TECHNICAL UPDATE DEVELOPMENT TOOLS

M68HC05BPGMR

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TABLE OF CONTENTS

Programmer	3
EPB16 Delay Usage.....	3

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Programmers

EPB16 Delay Usage

Date	Revision	Description
5/20/94	1	Original release. Includes tracker HC05BPGMR.001.

Tracker Number: HC05BPGMR.001

Revision: 1.00

Reference Document: Not Applicable

The following information clarifies the syntax and delay factor of EPB16. This is the serial programming software for programming MC68HC705B16 on M68HC05BPGMR.

The syntax is:

EPB16 [-d n] [-p m] [file]

where:

-d — Specifies a delay factor; n is a positive integer which acts as a delay multiplier. Defaults to 1: no extra delay.

-p — Specifies the COM port to use; m is 1 or 2 representing COM1 or COM2: the serial port with which the M68HC05BPGMR is connected. Defaults to 1: COM1.

file — The file name of the S19 record which is to be programmed into the MC68HC705B16.

The delay is intended to allow the program to operate on PCs of various clock rates.

Host System	Delay	Source
286 16 MHz	none	Tested on CompuAdd 216
386 33 MHz	n = 2	From EPB16 Documentation
486 33 MHz	n = 3	Tested on Austin 486

NOTES:

1. Delays that are larger than necessary will not affect functionality, but will only slow the process.
2. Documentation suggests that -2 should be used. All delays should be positive.
3. The delay is used only when accessing EEPROM data.