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KITMMEVS08EY : Modular Evaluation System (MMEVS)

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The Motorola Modular Evaluation System (MMEVS) is Motorola's economical, two-board emulator for the 68HC08 and 68HC908 Family of microcontrollers. The MMEVS consists of a Platform Board and an Emulator Module (EM) which adapts emulator functionality to any of a variety of 68HC08 or 68HC908 microcontrollers. The MMEVS consists of a platform board and an emulator module (EM). Connected to your target system, the emulator replicates the actual target system MCU. An Integrated Development Environment (IDE) allows for quick edits and changes to assembly code, which makes design, debug and real-time evaluation of the target system as efficient as possible. Use this economical system to perform traditional debugging activities such as executing code in run or step mode, setting break points, monitoring or modifying CPU registers, memory and application variables, and creating log or script files to record test results or create test suites.

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KITMMEVS08EY Features

- Real-time, non-intrusive, in-circuit emulation at the MCU's operating frequency
- 64 hardware breakpoints
- Control of code execution in run or step mode
- 64K bytes of fast emulation memory (SRAM)
- Current limited target input/output connections
- 6 Software-selectable oscillator clock sources
- Command and response logging to save session history and/or to generate script files
- SCRIPT command for automatic execution of a sequence of commands (such as system configuration setup and aut test runs)
- Assembly source-level debugging
- Host/emulator communications speeds as high as 57600 baud
- Extensive on-line MCU information via the CHIPINFO command
- Integrated Development Environment (IDE) including editor, assembler, and assembly source-level debugger

Contents:

- MMEVS platform board (M68MMPFB08GR):
 - IDE (including editor, assembler, debugger)
 - 9-lead RS-232 serial cable
 - 9- to 25-pin serial cable adapter
 - MMEVS user's manual
 - Power supply
- Device-specific emulation module
- Device- and package-specific target cables/adapters
- In-circuit simulation and programming kit (ICS)

KITMMEVS08EY Documentation

Documentation

Selector Guide

ID	Name	Vendor ID	Format	Size	Rev	Date Last
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				K	#	Modified	Av
SG1011	Software and Development Tools Selector Guide - Quarter 3, 2003	MOTOROLA	pdf	268	0	6/11/2003	

KITMMEVS08EY Tools

Hardware Tools

Evaluation/Development Boards and Systems

ID	Name	Vendor ID	Format	Size K	Rev #	Av
M68MMPFB0508	Modular Evaluation System Platform Board	MOTOROLA	-	-	-	

Orderable Parts Information

PartNumber	Package Info	Tape and Reel	Life Cycle Description (code)	Budgetary Price QTY 1000+ (\$US)	Additional Info	Order Av
KITMMEVS08EY		No	PRODUCT NEWLY INTRO'D/RAMP-UP(1)	\$1,451.00	more	
KITMMEVS08EY-E		No	PRODUCT NEWLY INTRO'D/RAMP-UP(1)	\$1,450.00	more	

NOTE: Are you looking for an obsolete orderable part? Click [HERE](#) to check our distributors' inventory.

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