



Register ▾

Login ▾

Basket ▾

Part Number

Keyword

Advanced | Parametric

Home | Contact Us

Products Applications Technologies Support Where to Buy About Freescale

KITMMEVS08GZ

Freescale > 8-Bit Microcontrollers > HC08 > HC08G Family > KITMMEVS08GZ

Documentation ▸

Design Tools ▸

Orderable Parts

KITMMEVS08GZ : Modular Evaluation System (MMEVS)

SUBSCRIBE ▾

The Freescale Modular Evaluation System (MMEVS) is Freescale'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.

KITMMEVS08GZ 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 automated 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

▲ [Return to Top](#)

KITMMEVS08GZ Kit Contains

- MMEVS platform board (M68MMPFB08GR):
 - IDE (including editor, assembler, debugger)

- o 9-lead RS-232 serial cable
- o 9- to 25-pin serial cable adapter
- o MMEVS user's manual
- o Power supply
- Device-specific emulation module
- Device- and package-specific target cables/adapters
- In-circuit simulation and programming kit (ICS)

[▲ Return to Top](#)

KITMMEVS08GZ Documentation

Documentation

Selector Guides

ID and Description	Vendor ID	Format	Size K	Rev #	Date Last Modified
SG1011 Software and Development Tools Selector Guide	FREESCALE	pdf	1736	0	4/26/2006

[▲ Return to Top](#)

KITMMEVS08GZ Design Tools

Hardware Tools

Evaluation/Development Boards and Systems

ID and Description	Vendor ID	Format	Size K	Rev #	Availability
M68EML08GZ Emulation Module	FREESCALE	-	-	-	Distributor
M68MMPFB0508 Modular Evaluation System Platform Board	FREESCALE	-	-	-	Distributor

[▲ Return to Top](#)

Orderable Parts Information

Order Availability	Part Number	Description	Tool Type	Status	Budgetary Price(\$US)	Compliance		RoHS Replacement Part
						Package Peak Temperature (°C)	RoHS	

-	KITMMEVS08GZ	EVAL SYSTEM	Tested Packaged Module/ Misc Hardware	No Longer Manufactured	-	-	-	-
---	--------------	----------------	---	------------------------	---	---	---	---

NOTE:

- Not all orderable parts are offered through our online sampling program. For further assistance in selecting a similar part from within the program, please submit a [Request for a sample order advice](#).
- Refer to [Samples FAQ](#) for more information.
- Looking for an obsolete part? Check our new [part number search](#)

[▲ Return to Top](#)