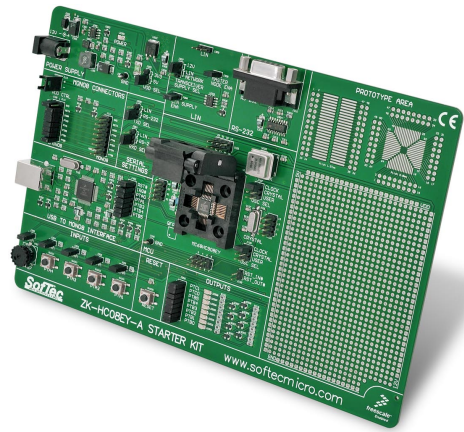


ZK-HC08EY-A

Starter Kit for Freescale MC68HC908EY Family (32-Pin QFP ZIF Socket)



The ZK-HC08EY-A Starter Kit is a full-featured, ready-to-use evaluation board for Freescale MC68HC908EY microcontrollers. The Starter Kit has been designed for the evaluation and the debugging of user applications. A 32-pin QFP ZIF (Zero Insertion Force) socket is provided which allows easy microcontroller insertion/extraction—the Starter Kit can be used as a single socket programmer. The Starter Kit takes advantage of CodeWarrior Development Studio Special Edition (which groups an Editor, Assembler, C Compiler and Debugger) and the MON08 interface, which allows the download and debug of the user application into the microcontroller's FLASH memory.

Together with CodeWarrior, the Starter Kit provides you with everything you need to write, compile, download, in-circuit emulate and debug user code. Full-speed program execution allows you to perform hardware and software testing in real time. The Starter Kit is connected to the host PC through a USB port. The Starter Kit can be used as a standalone application, via its built-in USB-to-MON08 bridge, or together with an external debugger through a MON08-compatible connection.

The ZK-HC08EY-A Starter Kit offers you the following benefits:

- 32-Pin Yamaichi ZIF socket;
- Real-time code execution/analysis;
- Built-in USB to MON08 Interface for in-circuit debugging/programming;
- LIN area with a LIN transceiver;
- Demo area with four push-buttons, a potentiometer, eight LEDs and a RS-232 channel;
- DataBlaze programming utility;
- CodeWarrior Development Studio Special Edition, with editor, assembler, C compiler and debugger.



Starter Kit Features

- QFP Yamaichi ZIF socket;
- Built-in USB to MON08 interface (USB 2.0);
- MON08 connectors for external in-circuit debugging;
- Header connectors with all microcontroller signals;
- Selectable oscillator module (socketed) or crystal;
- LIN section with MC33661 transceiver;
- RS-232 DB9 connector with transceiver;
- Eight user LEDs;
- Four user push-buttons;
- Reset push-button;
- Prototype area (with thru-hole and SMD area).

Supported Devices

- MC68HC908EY family;
- And any future pin-to-pin compatible device.

Starter Kit Package Contents

- A full-featured evaluation board;
- A USB cable;
- A power adapter;
- CodeWarrior Development Studio Special Edition CD-ROM;
- SofTec Microsystems "System Software" CD-ROM;
- "QuickStart Tutorial" color poster;
- Printed user's manual.

Order Code

ZK-HC08EY-A, \$395

**More information and online
ordering at www.softecmicro.com**

