

CEIBO

inDART-HC08/D



In-Circuit, Real-Time Debugger/Programmer for Motorola 68HC08 Family (USB) including:

- Real-Time Code Execution & In-Circuit Debugging
- Built-In FLASH Programmer
- In-System Programming and Debugging through a MON08-Compatible Interface
- Metrowerks CodeWarrior IDE, with Editor, Assembler, C Compiler and Debugger
- USB Connection to the Host PC

Specifications:

inDART-HC08/D is a powerful entry-level tool for Motorola HC08-based systems. inDART-HC08/D takes advantage of the Metrowerks CodeWarrior Integrated Development Environment (which groups an Editor, Assembler, C Compiler and Debugger) and the Motorola's MON08 interface, which allows the download of the user application into the microcontroller FLASH memory. Together with CodeWarrior, inDART-HC08/D 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. inDART-HC08/D is connected to (and powered by) the host PC through a USB connection.

Programming Capabilities

Built-In Programming FLASH Programmer; DataBlaze Programming Utility Included

The ISP feature allows you to update the content of the FLASH program memory when the chip is already plugged on the application board. The ISP feature can be implemented with a minimum number of added components and board area impact. inDART-HC08 uses a standard, 16-pin ISP connector (MON08-compatible) to program the target device.

CodeWarrior IDE

Editor; Assembler; C Compiler (4-KB Limited); Linker; Source Level and Symbolic Debugger; Windows 98/Me/2000/XP Compatible

The CodeWarrior Development Studio for Motorola HC08 Microcontrollers enables you to build and deploy HC08 systems quickly and easily. This tool suite provides the capabilities required by every engineer in the development cycle, from board bring-up to firmware development to final application development. With a common, project-based, development environment reuse becomes a natural by-product as each team builds on the work already completed by the previous team. CodeWarrior Development Studio for HC08 Microcontrollers, Special Edition, includes the CodeWarrior integrated development environment (IDE); 4 KB code-size

limited C compiler and C source-level debugger; macro assembler and Assembly-level debugger and FLASH programming support.

Debugging Capabilities

Reset, Start, Stop, Single Step, Step Over, Step Out; One Hardware Breakpoint

Communication

USB Connection to the Host PC, MON08 Connection to the Target Board

Power Supply

Provided by the USB Bus, No External Power Supply Needed

Supported Devices:

Motorola	MC68HC908GZ48	MC68HC908LK24	MC68HLC908QY1
	MC68HC908GZ8	MC68HC908MR16	MC68HLC908QY2
MC68HC908AB32	MC68HC908JB16	MC68HC908MR32	MC68HLC908QY4
MC68HC908AS32A	MC68HC908JB8	MC68HC908QT1	
MC68HC908AS60A	MC68HC908JK1	MC68HC908QT2	
MC68HC908AZ32A	MC68HC908JK3	MC68HC908QT4	
MC68HC908AZ60A	MC68HC908JK8	MC68HC908QY1	
MC68HC908GP32	MC68HC908JL3	MC68HC908QY2	
MC68HC908GR16	MC68HC908JL8	MC68HC908QY4	
MC68HC908GR4	MC68HC908KX2	MC68HC908RF2	
MC68HC908GR8	MC68HC908KX8	MC68HC908RK2	
MC68HC908GT16	MC68HC908LD60	MC68HC908SR12	
MC68HC908GT8	MC68HC908LD64	MC68HLC908QT1	
MC68HC908GZ16	MC68HC908LJ12	MC68HLC908QT2	
MC68HC908GZ32	MC68HC908LJ24	MC68HLC908QT4	