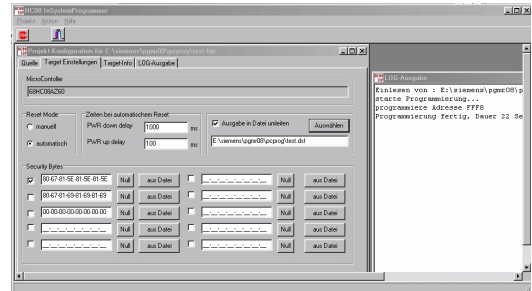
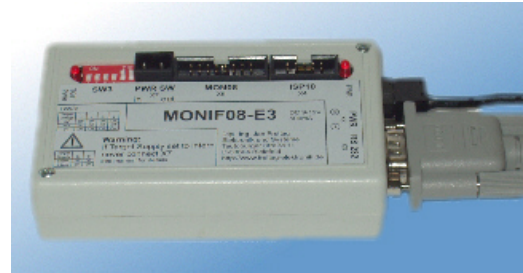


Features MONIF08-E3

- Target connection via 10 pin ribbon cable (EB08-xx compatible) or 16 pin ribbon cable (MON08 /P&E-compatible)
- MON4 – MON8 High/Low software configurable for flexible setup of monitor mode entry conditions
- supports all Debug – Features (Break-Interrupt, Reset on DTR-Edge)
- Oscillator with driver IC (user selectable frequency) for HC08 types with internal oscillator (or to overdrive 32kHz clock quartz), activated by software for automatic trimming of controllers with ICG (e.g. Nitron)
- 9-pin DSUB-Plug (female) to connect to PC serial port
- Supply by external mains adaptor (provided). Target could optionally be supplied by MONIF08-E3.
- Supports low voltage derivatives (2.5 to 5V) with flexible configuration of target supply voltages by DIP switch, Vhi auto adaption to fit Motorola specs
- All configuration data saved in EEPROM
- automatic power on reset for target circuit via relay contact in plus rail (supports up to 1A, 30V)



Features PC-Software HC08-ISP

- Speed optimized In-Circuit-Programming of flash-memory and EEPROM
- Flexible adaption to different target configuration
- User friendly GUI on WIN32 (95/98/NT/2000/XP)
- Supports many HC08-types (AZ60, AB32, AS60, JB8, JL3, GP32, GT ,GZ, QT/QY, SR12, LJ), also NITRON with or without pre trimmed internal oscillator
- supports automatic trimming for controllers with internal oscillator (Nitron QT / QY series)
- Optional insertion of date and serial number into flash data
- Setting of Flash block protect register
- Also available as Command Line Programmer for production purposes, integrates into all common Windows programming systems (e.g. Visual Basic, Labview, C / C++)

General

The monitor mode interface MONIF08-E3 connects between the PC serial interface and the monitor mode connections of a HC08 micro controller.

The monitor mode supports in-circuit debugging and in-circuit flash programming.

This interface supports the common debug –features (Break-Interrupt, Reset on DTR-edge).

It is compatible with common monitor mode debugger software (e.g. the P&E or MON08 debugger integrated into the CodeWarrior IDE or COSMIC ZAP) and our high speed flash programming software HC08-ISP.

Package content

- Basic device MONIF08-E3
- PC-Software HC08-ISP (WIN95/98, NT, 2000, XP)
- 9-pin D-Sub cable (1,8m, f-m) for PC serial connection
- Mains adaptor (European type only)
- 10pin flat ribbon cable for target connection