

MONIF08-E – an universell Monitor-Mode-Interface for the Motorola HC08-Flash- Family

Features MONIF08-E

- 3 target connectors for optional usage with flat ribbon cable
 - 10- or 6-pin (MONIF08 ISP-10pol, ISP-6pol) compatible to our evaluation boards EB08-xx
 - 16-pin MON08 resp. P&E Cyclone-compatible (MON4 – MON8 High/Low/Tristate software configurable)
 - freely configurable up to 16pin connector by patch field with solderable jumpers
- supports all Debug – Features (Break-Interrupt, Reset on DTR-Edge)
- Oscillator with driver IC (4,9152MHz) for usage with HC08 types with internal RC-oscillators (or to overdrive 32kHz clock quartz). Could be activated by software
- 9-pin DSUB-Plug (female) to connect to PC serial port
- Supply by external mains adaptor (provided). Target could be supplied by MONIF08-E. The target could also supply the MONIF08-E. This could be selected by jumper
- All configuration data saved in EEPROM



Features PC-Software HC08-ISP-E

- 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)
- Supports many HC08-types (AZ60, AB32, JB8, JL3, GP32,.....), also NITRON with pretrimmed internal oscillator

General

You could program the controller flash memory and debug your software by setting the controller to Monitor-Mode. Different companies (e.g. Cosmic Software, Softec, P&E) offer additional software for this purposes. Search the internet for free download versions. This device is compatible to this flash loaders or debuggers. For flash programming we also provide our own speed optimised PC software.

Package content

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