indart® | one

In-Circuit Programmer / Debugger
for Freescale HC08 / S08 / RS08 / S12 / S12X

Fast programming. Gangable.

The Ultimate Tool.

SofTec
MICROSYSTEMS
Development Tools
for the Embedded World

POWER
BUSY
OK
ERROR
indart® | one
TGT POWER ON
TGT POWER OFF
START

freescale™
Enabled

indart® | one

The Ultimate Tool.

MON08

TARGET POWER

OUT   IN

Universal

Supports Freescale HC08/S08/RS08/S12/S12X through MON08 and BDM interfaces—future ready for new devices and families.

MON08

BDM

Gang Programming

Up to 32 instruments controllable from the same PC.

x 32

Fast Programming

Fast HC08 programming algorithms drastically reduce production times.

32K Flash ~ 1s

Flexible

Seamlessly integrates with CodeWarrior™ development tools. Dedicated programming interfaces. User-driven through DLL Programming Library.

MultiBlaze

DLL Programming Library

CodeWarrior

Product Highlights

Supported Devices
- All HC08, S08, RS08, S12 and S12X family devices, current and future.

Main Features
- In-circuit debugging;
- Real-time code execution;
- Built-in FLASH programmer;
- In-circuit programming and debugging through standard BDM- and MON08- compatible interfaces;
- VDD In and VDD Out connectors for target power supply handling (automatic or manual).

Operating Features
- Working frequency up to the target microcontroller's maximum;
- All target microcontroller voltages supported;
- Jumperless hardware mode setting;
- Powered by the USB connector.

CodeWarrior™ Development Tools
- Editor;
- Assembler;
- C Compiler (code size limited);
- Linker;
- Source level and symbolic debugger.

Debugging Capabilities
- Reset, Start, Stop, Single Step, Step Over, Step Out;
- Hardware breakpoints (number varies depending on device);
- Trace (on some devices);
- Full handling of target's on-chip debug peripheral;
- Real-time refresh of RAM, variables, registers and peripherals.

Programming Capabilities
- Blank check/erase/program/read/verify/oscillator trimming;
- Single programmer (through the DataBlaze interface);
- Gang programmer (through the MultiBlaze interface);
- Optional ultra-fast programming algorithms.

Order code: **inDART-ONE**

freescale™ **Enabled**

Designed by

TARGET POWER   MON08   BDM
OUT   IN

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Development Tools for the Embedded **World**

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Our local partner