

Feature	Benefit	Special Edition	Standard Edition	Professional Edition
IDE				
Project Wizard	Gets you up and programming fast.	Yes	Yes	Yes
Program Manager	Eliminates confusing and often complex make-files with visual preference panels.	Unlimited	Unlimited	Unlimited
<ul style="list-style-type: none"> Projects Sub Projects 		Yes	Yes	Yes
Build Tools				
Macro Assembler for HC(S)08, RS08 and ColdFire V1 MCUs	For specific optimizations only you can provide.	Unlimited	Unlimited	Unlimited
Optimizing Compiler for HC(S)08, RS08 and ColdFire V1 MCUs	Reduces code size and maximizes the capabilities of the microcontroller to achieve top performance.	HC(S)08/RS08: C – 32K, ColdFire V1: C – 64K	C – Unlimited	C – Unlimited C++ – Unlimited
Libmaker	Allows reuse and maintenance of code through libraries.	Yes	Yes	Yes
Debug Tools				
Source-level Debugger	Speeds debug cycles by viewing the source code as it executes.	ASM – Unlimited HC(S)08: C – 32K ColdFire V1: C – 64K	ASM – Unlimited C – Unlimited	ASM – Unlimited C – Unlimited C++ – Unlimited
Flash Programming	Fully integrated flash programming improves the build-debug cycle because it automates your downloads.	Yes	Yes	Yes
Simulator	Reduces costs and eliminates possible hardware issues during development.	Yes	Yes	Yes
Decoder	Allows you create listings of ELF files.	Yes	Yes	Yes
Data Visualization and I/O Stimulation	Let's you see how your program effects peripherals and responds to outside input.	1 components/ 3 elements	Unlimited	Unlimited
OSEK Awareness	Ready to work with OSEK, for RTOS-aware debug capabilities.			Yes
Session Record and Play	Automates repetitive debug cycles during program validation.			Yes
Advanced Tools				
Device Initialization for HC(S)08/RS08 and ColdFire V1 MCUs	Allows you to graphically set up the CPU peripheral registers and generate initialization code (ASM or C) tailored to your application.	Yes	Yes	Yes
Processor Expert for HC(S)08 and ColdFire V1 MCUs	Abstracts the hardware layer and generates optimized, microcontroller-specific code (C) tailored to your application, so you can concentrate on design.	Yes	Yes	Yes
<ul style="list-style-type: none"> Basic Beans Software Beans Advanced Beans 			Yes	Yes
Bean Wizard			Allows you to create reusable software components, which can be easily retargeted to any Freescale Hybrid, HC(S)08 or HC(S)12 microcontroller.	
Profile Analysis and Code Coverage	Gives you visibility into your running program to allow fine tuning and better quality metrics.			Yes
PC-Lint Plug-In	nsures compliance with MISRA and other code quality and style guidelines.			Yes