

## Product News

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# IAR Systems provides development tools for the new low-power V850E2 microcontrollers from Renesas Electronics

Uppsala, Sweden—March 16, 2012—Today, IAR Systems® announces complete support for the V850E2/Fx4-L microcontroller series from Renesas Electronics.

The V850E2/Fx4-L series features very low power consumption paired with high functionality. It is designed for the automotive comfort and body segment, for applications such as roof or window lifters, HVAC (heating, ventilation, and air conditioning), body control modules, and door, seat and light modules. These new microcontrollers provide power-saving features such as the sequencer (SEQ). The SEQ supports hardware monitoring of digital inputs in deep stop mode without any usage of the CPU or memory. When the SEQ detects activities at the digital inputs, the device switches from deep stop mode to run mode. Another feature is the LIN-master controller (LMA) which supports the automatic LIN-frame detection without CPU interactivity.

The highly-optimizing C/C++ compiler and debugger tool suite IAR Embedded Workbench® for V850 supplies extensive support for all devices in the V850, V850E, V850ES, and V850E2 families. The V850E2/Fx4-L microcontrollers are supported by IAR Embedded Workbench for V850 version 3.81, available today. This new release also adds support for Renesas E20 emulator, integration with the version control system Subversion, and new license features, such as commuter licenses, automatic license activation and support for virtual servers.

IAR Embedded Workbench is available for a variety of Renesas targets, in total more than 4,000 devices. IAR Systems is the largest independent vendor of development tools for Renesas microcontrollers, and is committed to continue to deliver high-performing, user-friendly tools for all Renesas microcontrollers.

To read more about IAR Embedded Workbench for V850, and to download evaluation versions, go to [www.iar.com/ewv850](http://www.iar.com/ewv850).

### Ends

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#### About IAR Systems

IAR Systems is the world's leading supplier of software tools for developing embedded systems applications. The software enables over 14 000 large and small companies to develop premium products based on 8-, 16-, and 32-bit microcontrollers, mainly in the areas of industrial automation, medical devices, consumer electronics, telecommunication, and automotive products. IAR Systems has an extensive network of partners and cooperates with the world's leading semiconductor vendors. IAR Systems Group AB is listed on NASDAQ OMX Stockholm. For more information, please visit [www.iar.com](http://www.iar.com)