

NEC Electronics Europe Announces New Automotive Gateway Controller
V850E/CAG4-M offers FlexRay®, Media LB™ and 6 CAN interfaces

DUESSELDORF (Germany), October 8, 2007 – NEC Electronics Europe today announced a new microcontroller for automotive body applications. The V850E/CAG4-M is a member of NEC Electronics' powerful 32-bit RISC microcontroller family with embedded FlexRay® interface. Offering high performance, large memory and fully-fledged communication interfaces, it is especially suited for high-end gateway and other body applications.

The V850E/CAG4-M extends the popular V850 32-bit microcontroller family into the high-performance range, with the FlexRay and MediaLB™ interfaces supporting emerging standards for communication within automotive applications.

Capable of controlling up to 6 CAN interfaces, the V850E/CAG4-M is optimized for automotive body applications like gateways. The device's embedded MediaLB™ interface provides connectivity to the MOST® world, offering very high data throughput, especially for asynchronous data transfer. Dedicated motor control, real-time clock features and power-saving modes come into their own in body applications, as does the timer structure with various input capture and PWM output channels.

The Multi-LIN master macro can connect all 6 LIN channels very efficiently, with minimum CPU interaction. The FPU and 80 MHz RISC performance also make the V850E/CAG4-M an attractive proposition for new fields such as diagnostics and high-end server concepts.

For more information about NEC Electronics' automotive microcontrollers visit www.eu.necel.com/automotive.

Availability

V850E/CAG4-M samples are scheduled for January 2008, with volume production due to commence early in 2009.

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About NEC Electronics (Europe) GmbH

NEC Electronics (Europe) GmbH, headquartered in Duesseldorf, Germany, is a leading developer and supplier of semiconductor products in Europe. Committed to meeting customers' cost, performance and time-to-market requirements, the company offers solutions ranging from standard products to system-on-a-chip (SoC) solutions, as well as customized products for next-generation designs. Our customers also benefit from state-of-the-art manufacturing from the global production network of our parent company, NEC Electronics Corporation. Additionally, NEC Electronics (Europe) GmbH is the exclusive European sales and marketing channel of LCD modules from NEC LCD Technologies Ltd.. For more information [visit http://www.eu.necel.com](http://www.eu.necel.com).

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Media Contact

Oliver Lüttgen
NEC Electronics (Europe) GmbH
+ 49-211-6503-1469
oliver.luetngen@eu.necel.com