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Automotive and Transportation news from ST

[ST's automotive-grade regulator evaluation boards help you keep kids happy in cars](#)

Designed for 3.3 V fixed outputs, the STEVAL-ISA185V1 evaluation board is based on our A6985F3V3 synchronous step-down switching regulator that can deliver up to 0.5 A and, with its 100% duty cycle ability to withstand cold crank events and wide input operating voltage range, represents the ideal choice for battery-powered automotive systems. Moreover, a low-noise mode improves the performance of infotainment applications. For a 5 V fixed output solution, have a look at our STEVAL-ISA189V1. [Read more](#)



[ST's watchdog ICs keep your automotive applications running, even when they hit a bump](#)

ST's standalone STWD100 watchdog timer IC enables a robust and reliable way of monitoring the system for software code execution errors and hardware failures. If the system fails to reset the watchdog timer before the specified timeout period, the STWD100 will immediately reset the faulty system to restore normal operating conditions, or it will trigger an alert so that the sub-system can take action. [Read more](#)



[New version of SPC5Studio IDE for SPC5 Power Architecture 32-bit MCUs now available for download](#)

Major upgrades of the v 5.0 include support for SPC57 MCU lines, a new look & feel with a more intuitive user interface, and GCC 4.9.2 compiler with VLE included in the installation package. Integrated with a USB PLS debugger, a free GNU toolchain or - for professional use - with HighTec or Green Hills toolchains, the SPC5Studio targets low-level automotive application development as well as high-end applications. [Download now](#)



Recent blog post

[Automotive radar – A tale of two frequencies](#)

Ever since Heinrich Hertz demonstrated that radio waves were reflected by metallic objects, engineers have been putting the discovery to use in many range- and direction-finding applications. The technique is relatively straightforward; it requires a radio or microwave transmitter and a receiving antenna that captures signals reflected back from objects in the emissions path. [Read more](#)



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Sep 13 to Nov 8, 2016
USA & Canada

[ST Developers Conference 2016](#)

Oct 4, 2016
Santa Clara, CA (USA)

Webinars & online courses

[STSPIN webinar: Designing for small motors with 1.8V driver ICs](#)

Sep 15, 2016

[NFC online course](#)

