

Iso 26262 And Automotive Electronics Development

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The lines between infotainment and ADAS are increasingly blurred from a hardware perspective as these emerging functions share resources, making functional safety of these systems paramount. Related: ...

DRAM - More Important Than You Think for Achieving Automotive Functional Safety

The virtual Realizing the Future of Mobility Now Summit, Aug. 11-13, will help automotive manufacturers and suppliers navigate issues related to autonomous, connected, electric and shared vehicles. UL ...

UL and Singapore's Advanced Remanufacturing and Technology Centre Join Forces to Address New Mobility Opportunities and Challenges

The end justifies the means. It seems that today's processors follow this Machiavellian precept to achieve even more impressive performances. However, this has a critical negative impact on ... As ...

Iso 26262 IP Listing

The push toward increasing autonomy in automotive is driving new approaches in electronics development. Instead of designing individual components, the focus now is on modeling in context. The ...

New Design Approaches For Automotive

It's easy to think of electronics applications in which the ... needed to demonstrate that a design meets the desired Automotive Safety Integrity Level (ASIL) as defined in the ISO 26262 standard.

Making Autonomous Driver Chips Safe From The Top Down

In a standard SO-8 package, it operates from -40 to 150 °C. "The diagnostic features ease the design of functional-safety related applications, helping users achieve the required ISO 26262 ASIL value.

Configurable automotive LDOs include functional safety features

While DevOps approach integrates development and operation teams, DevSecOps expands it with shift-left principle in embedded applications.

How 'shift left' helps secure today's connected embedded systems

Establishing functionally safe systems will depend on reliable semiconductors. A fail-operational architecture and redundancies in vehicle design will help users become more comfortable trusting ...

Semiconductors Paving the Way to "Vision Zero" Through Functional Safety

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IAR System's development tools for RISC-V processors now offer support for the ISO 26262 ASIL-D ready certified RISC-V processor core 'EMSA5-FS' developed by the Fraunhofer Institute for Photonic ...

IAR development tools support Fraunhofer IPMS RISC-V processor cores

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Renesas Boosts its Driver-Monitoring Camera Processor

Automotive application developers are already familiar with the demands of functional safety standards, including ISO 26262 ' s defined development, validation, and verification processes ...

LDRA and OpenSynergy Partnership Promotes a Defense-in-Depth Strategy for Embedded Automotive Applications

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Samsung announces the adoption of OpenChain ISO/IEC international standard

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BlackBerry and BiTECH Team Up To Build Safe, Reliable Digital LCD Instrument Cluster for Changan's Newly Launched UNI-K SUV

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Our adoption of OpenChain ISO 5230 reflects our ongoing commitment to excellence in our field. Samsung Electronics is expected to enhance its credibility by receiving recognition for its capacity ...

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