



Industrial Topics in Microelectronics and Photonics - Seminars

Introduction to the Functional Safety

Abstract: Safety in automotive field has recently become a mandatory requirement involving all the different functions (designers, applications and testing engineers) during the overall product development phase. Besides it involves all the main actors in the supply chain from the OEM (the car makers) down to the system makers and the Integrated Circuit developers. Functional safety standard (ISO-26262) provides the methodology and the guidelines to develop in the right way a new car, a new application and new devices.

Purpose of the presentation is to show how safety affects an Integrated Circuit development, providing a concrete example on EPS (Electronic Power Steering) system.

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