

Bosch Sensortec: Company Overview, MEMS sensors

And ASIC Design for MEMS sensor

Abstract:

This presentation will first introduce Bosch Sensortec GmbH especially Italian Design Center based in the Robert Bosch S.p.A. building in Milano city. While looking across the major market segments, we will have the opportunity to get an overview of the company performance, products and technology portfolio. Examples will be described Consumer electronic areas, specifically MEMS innovations for magnetometers, pressure, accelerometer, gyroscopes, temperature and optical sensor. The second part will show examples of IC design requirements, topologies and challenges for different MEMS application areas like Smartphones, Wearables, and Automotive. The talk would be interactive and open to eventual questions coming from auditors.

Speakers:

Dr. Ivano Galdi reached his PhD in micro-electronic Engineering at the University of Pavia in 2007. He worked in three different companies like National Semiconductor, ST Microelectronics (as freelancer) and Maxim Integrated. During that time, he gained experiences in high precision amplifiers for consumer applications, power management for server platforms and gyroscope ASICs for automotive applications, before he joined Bosch Sensortec / Robert Bosch S.p.A. At Bosch Sensortec, he works as an Analog IC Design Expert for consumer MEMS sensor in Milano.