MEMS SENSORS – THE HIDDEN CHAMPIONS OF YOUR EVERYDAY LIFE

Abstract
Consumer electronics such as smartphones, tablets and wearables are part of our everyday life – visible everywhere and taken for granted. Less visible however are the small MEMS sensors that are an integral part of these devices. More and more devices demand sensors with low power consumption as well as high overall system performance, with new challenges for MEMS. It will be shown how to overcome these challenges from a MEMS sensor supplier perspective based on real-life examples of smart sensor technology. Modules with a multitude of sensors, integrated low power signal processing e.g. for context awareness, will change MEMS from the provision of raw data to meaningful data fusion output for our connected world.