

Welcome to
a new dimension!



Introducing PMD[vision][®]

PMDTechnologies GmbH is a subsidiary of Audi Electronics Venture GmbH and ifm electronic gmbh. PMDTec is the world's leading supplier of integrated circuit technology for time-of-flight (ToF) imagers. We are a true leader – a market leader, solutions leader and technology leader. And we hold more than 25 worldwide patents for 3D ToF technology, with a further 40 pending.

Our business is the development and commercialization of smart optical systems for 3D range measurement. We provide innovative solutions for automotive, consumer, industrial automation, robotics and medical applications. The key task of our technical development is a consistent improvement of our PMD technology (Photonic Mixer Device), a revolutionary new generation of smart optical CMOS sensors.

For the future we have set ourselves ambitious goals. To achieve them, we want to strengthen our measurement and test development team. We offer open position as:

Sensor qualification engineer

Job specification:

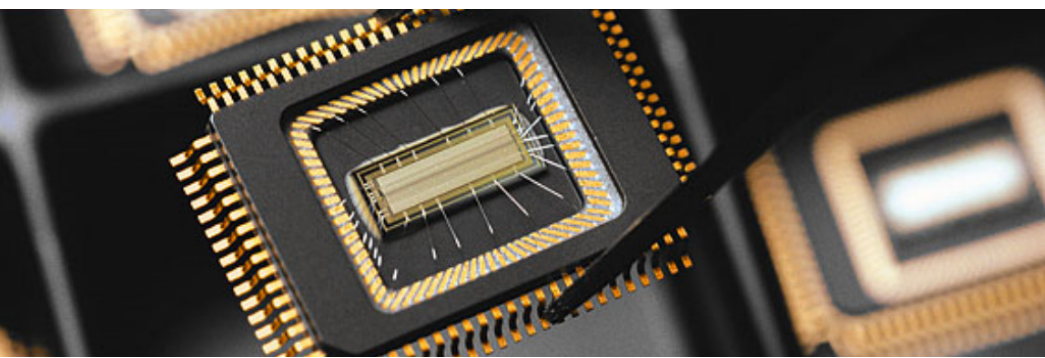
As Sensor qualification engineer, your work will include a wide range of varying responsibilities in sensor characterization and analysis. As a member of our team, you will develop test setups for the characterization and calibration of 3D time-of-flight camera systems. This comprehends the qualification of optics as well as the qualification of camera system accuracy. The evaluation of appropriate algorithms to improve the sensor performance will also be part of your activities. For the analysis of test results from on-wafer-level ASIC characterization, you will furthermore develop and enhance MATLAB tools. Working in close collaboration with test engineers, CMOS ASIC designers and hardware developers using modern test equipment, you will be expected to work productively with a minimum of supervision and to contribute new ideas for future improvements.

Requirement profile:

- M.Sc. electrical engineering / microelectronics / physics or equivalent.
- Minimum of five years of work experience in the automotive industry.
- Profound skills and experience in programming with MATLAB
- Profound knowledge in optics.
- Knowledge in data processing and data analysis.
- Lab skills in optical and electrical measurement technology.
- Independent and accurate working methodology.
- Team player and good communication skills.

If you are ready to join our development team, please send your application containing a possible starting date and your salary requirement to:

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A global player – with a
passion for 3D imaging.