

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:

ASIC qualification engineer

Job specification:

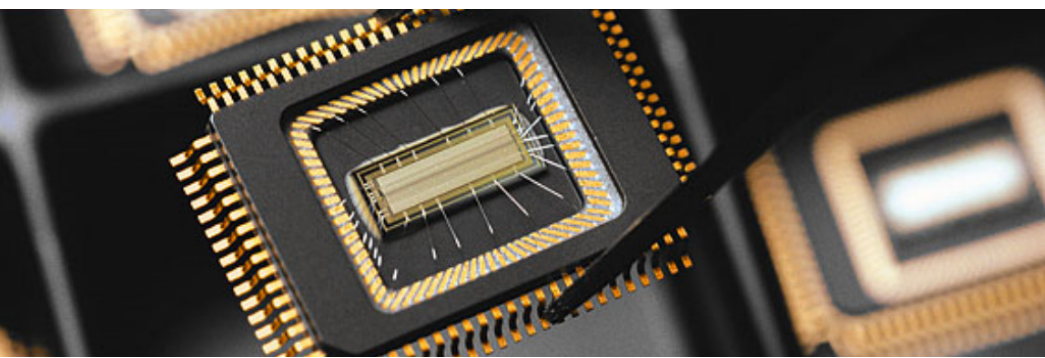
As ASIC qualification engineer, you will be responsible for the characterization and qualification of smart optical CMOS sensors. Working together with CMOS ASIC designers and customers, using modern test equipment, you will be expected to work productively with a minimum of supervision and to contribute new ideas for future improvements. Providing reliable measurement results to push the ASIC development to the next generation of 3D time of flight imagers requires strong analytical skills and technical comprehension. Your work will include a wide range of varying responsibilities, e.g. the test generation, characterization, the management of on-wafer-level measurements under clean room conditions, and data analysis.

Requirement profile:

- M.Sc. electrical engineering / microelectronics / physics or equivalent.
- Experience in test of digital or analog circuits.
- Profound knowledge and experience in image sensor characterization, for example 1288 EMVA standard compliance.
- Profound knowledge and experience in photonics.
- Knowledge in project- and quality-management.
- Minimum of five years of work experience.
- Analytical skills and experience in data statistics and data analysis tools, preferably MATLAB.
- 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.