

Heptagon Advanced Micro Optics (now AMS Optical Sensor Solutions Division) provides industry leadership in sensing technology (proximity, time of flight, illumination, flash, structured light and imaging) that results from a unique combination of wafer-level integration, pragmatic innovation, total supply chain control, a culture of integrity, and a 20+ year track record of delivering breakthrough technologies to leading OEMs.

Heptagon's research and development teams are located in Zurich, Switzerland; development and manufacturing are in Singapore and Shenzhen, China; and business development and sales offices are located in Santa Clara, CA.

We are in the process of expanding our development team located in Zurich, and looking for qualified candidates for a

Senior Product Designer (M/F)

Reporting to:

Product Design Team Manager

Responsibilities:

Working a multidisciplinary team being responsible of the design:

- Packaging design of optoelectronic devices
- Integrating the electronic, optics and mechanics
- Contribute in refining Heptagon proprietary opto-electronic packaging technologies
- Drive the other junior members in the design team with mechanical design, analysis and simulations.
- Be responsible of the product technical documentation
- Act as technical project manager on the assigned development projects

Required Skills & Knowledge:

Candidates must have a minimum of 2 years of experiences working in a similar position.

Should be familiar in handle multidisciplinary technical teams engaged in the product design

Have a completed education, preferably a master degree or higher in:
mechanical engineering, electro-mechanical or mechatronic engineering.

- Must be familiar with 3D CAD tools, (Solid Works, Creo and AutoCAD preferred)
- Have skills in Computational fluid dynamics (CFD) numerical techniques for thermal modeling and mechanical finite element analysis (FEA) of IC packaging, using FLOSIMULATION or COMSOL or similar tools.
- Good experience designing very small electro-optics components
- Good knowledge of mechanical and thermal behavior of plastic materials
- Good knowledge of various molding techniques
- Have a very good level in English communication (spoken and written) German is a plus.

As a member of the Heptagon team, the candidate will have a wide and varying set of responsibilities as our organization grows and evolves. These may include:

- Sharing the responsibility in Product Design team with the members.
- Ongoing support to other members of the Heptagon design team locally and abroad
- Contributing to the ongoing creation of a positive, productive work environment
- Must be willing to travel, 20% of the work time

If you are interested in an international, easy-going and flexibly environment, please send your CV to hptg_careers@ams.com