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R&D Engineer

JOB TITLE:

R&D Engineer

DEPARTMENT:

R&D

SUMMARY OF JOB FUNCTION:

- Leads VCSEL development projects from project definition to transfer into high volume manufacturing
- Chip and mask design
- Process Engineering support: Work together with process engineering and manufacturing team to continuously improve the VCSEL manufacturing process and provide support for the implementation of modified process steps.
- Electro-optical simulation of VCSEL structures
- VCSEL FMEA: Study laser failure modes
- Implementation of new VCSEL testing equipment
- Interpretation of test data and wafer release

WORK LOCATION:

Zurich, Switzerland

KEY RESPONSIBILITIES:

- Leading of R&D projects

MINIMUM REQUIREMENTS:

QUALIFICATIONS:

- PhD in Physics or EE

KNOWLEDGE/SKILLS:

- Optics, lasers, optoelectronics, semiconductor manufacturing, 6-sigma, RF design, labview

EXPERIENCE:

- Previous experience in semiconductor laser industry advantageous, but not a job requirement.

PERSONAL REQUIREMENTS:

- Must be willing to relocate to Zurich Area
- Fluency in English

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