



MEMS DEVICE ENGINEER

Job Description

We are looking for a MEMS Device Engineer with 5-10 years' experience in MEMS device design. This engineer will design, model, layout, fabricate, and test next generation MEMS devices for leading edge optical modulators. The work includes designing, fabricating and troubleshooting novel materials and MEMS devices integrated with CMOS electronics. We are looking for a person with excellent technical and interpersonal skills, a good communicator, and someone who can comfortably work in a multidisciplinary field. Our company has a casual working environment, but high standards of performance.

Primary Areas of Responsibility

This Device Engineer will be responsible for all facets of the device design and test of novel MEMS devices

Minimum Qualifications

- Education: MS or PhD in Material Science / Physics / EE with MEMS focus
- 5-10 years MEMS device design
- Hands-on MEMS fabrication experience
- Ability to troubleshoot MEMS devices
- Experience in optical characterization and test
- In-depth understanding of materials properties: mechanical, electrical, and optical
- Experienced in device simulations: mechanical, electrical, and optical
- Ability to manage projects across multiple disciplines
- Excellent communication skills
- Flexible and a team player

Additional desired qualifications

- Optical design
- Fundamental electronics and IC test and measurement experience
- High speed electronics (PCB design, FPGA)
- Software (C++, LabView, MatLab, other)
- IC design (Analog, Digital, Mixed signal)

Qualified candidates please send resume to: HR@siliconlight.com

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