



Global Communication Semiconductors, LLC

Corporate & Foundry
23155 Kashiwa Court, Torrance, CA. 90505
Telephone: 310-530-7274 Fax: 310-517-8200
Website: www.gcsincorp.com

Process Integration Engineer - Opto

Job Req: #0773
Department: Opto – R&D
Status: Full-Time/Salaried
Shift: Day
Salary Range: \$90,000 - \$135,000 annually DOE

Job Description

- Primary focus will be in integrating process sequences for optoelectronic devices like VCSELs, Photonic integrated circuits, Edge emitting lasers, PIN detectors, etc.
- Prepare process documentation and training materials for technology transfer
- Participate in process development and improvement efforts in different areas of the GCS compound semiconductor FAB
- Responsible for Project Management – interacting with customers, preparing schedules and reports on periodic basis

Job Requirements

- BS/MS Degree in Physics or Engineering field (Electrical, Mechanical, Chemical, and Material Sciences) with 1-3 years of hands-on experience in Optoelectronic Device design and fabrication
- Hands-on experience with III-V semiconductor design and fabrication
- Must be thoroughly familiar with cleanroom processes such as PECVD, wet etching, dry etching, and photo resist patterning
- Hands-on experience with photo mask design and associated CAD tools
- Experience with SPC, DOE and FMEA is a plus
- Experience in optical fiber bandwidth measurement is a plus
- Must have good written and verbal communication skills