



Global Communication Semiconductors, LLC

Corporate & Foundry

23155 Kashiwa Court, Torrance, CA. 90505

Telephone: 310-530-7274 Fax: 310-517-8200

Website: www.gcsincorp.com

Principal Engineer, Optoelectronics Process Integration

Job Req: #0633
Department: Optoengineering
Status: Full-Time, Exempt
Shift: Day

Job Description

- Manage process integration activities for a variety of opto-foundry projects including – photonic integrated circuits, Fabry Perot / DFB lasers, Vertical Cavity lasers. PIN/APD photo detectors
- Lead a team of process integration engineers and oversee the production/development activities
- Prepare process documentation and training materials for technology transfer
- Lead process development and continuous improvement efforts in different areas in GCS compound semiconductor FAB
- Lead project management activities – including interacting with customers, preparing schedules and reports on a periodic basis

Job Requirements

- BS degree Electrical or Chemical engineering with 10+ 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 required
- Must have good written and verbal communication skills.