



## **Global Communication Semiconductors, LLC**

Corporate & Foundry

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### **PROCESS INTEGRATION ENGINEER**

1. Integrate and develop new process for GaAs/InP-based optoelectronic devices, such as LED, VCSEL, PIN diode, edge emitting laser and photonic integrated circuit.
2. Collaborate with process module engineers and production team to maintain and optimize manufacturing process on a wide spectrum of optoelectronic products.
3. Troubleshoot and solve device/process related issues by analyzing electrical testing data and through various metrology tools.
4. Design experiments for process control and yield improvement using statistical analysis methods.
5. Conduct technology transfer from development prototypes to high-volume manufacturing.

Require Master's degree in Electrical Engineering or a related field.

Require skills or coursework in semiconductor device and process, cleanroom process, process modules (photolithography, dry/wet etching, thin film deposition) and metrology tools (scanning electron microscopy, ellipsometer, profilometer).

**CONTACT:**

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