



Global Communication Semiconductors, LLC

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

Job Title: **Engineer - RF**
Job Req. #0683
Department: RF Lab
Status: Full-Time, Exempt

Job Description

- Measures accurately and in a timely manner. Learns new techniques and improves existing ones. Most common measurements are DC curves, S-parameters, noise parameters and Load Pull, up to millimeter-wave frequencies.
- Keeps detailed documentation to build measurement know-how, and facilitates problem solving.
- Learns and understands the characteristics of the different foundry processes in order to customize measurement conditions and to evaluate data that is meaningful while data acquisition is taking place.
- Knowledge of RF test equipment: Limitations to assembly to right setup for each measurement in relation to what is measured.
- Presents and organizes data: Efficiently use presentation programs (Excel and Powerpoint) to present data and data analysis programs (Matlab, EEsoft ADS) to extract quantity of interest.
- Helps in developing non-linear device models by formatting data and extracting device parameters, up to mmW frequencies.

Job Requirements

- Strong knowledge of physics, especially in the areas of Microwaves and Solid State Electronics
- MMIC design knowledge a plus
- Hands-on experience required
- Bachelor's or Master's degree in Electrical Engineering with 5+ years of related experience
- Excellent verbal communication skills
- Good critical thinking skills
- Knowledge of ADS, Microwave Office, and familiar with Cadence layout software
- Must be a team player and self-starter
- Able to work independently