

Power Semiconductor Lab Supervisor / Lead Technologist

GaN Systems Inc.- Ottawa, On, Canada

GaN Systems is a world leader in developing gallium nitride power switching transistors for the consumer, datacenter, industrial and transportation markets. GaN System's power switching transistors enable the introduction into those markets of smaller and more efficient power conversion systems quickly, efficiently and reliably. A fabless power semiconductor company, GaN Systems is headquartered in Ottawa, Canada.

Job Description:

Be a member of a small, innovative, diverse and growing power semiconductor company. With a projected growth of upwards of 30% CAGR, power semiconductor electronics is the right place to be and GaN Systems is the right company to be with.

GaN Systems is looking for a talented, energetic and innovative individual to take on the role of Lead Technologist / Lab Supervisor of a small, but highly capable fabless semiconductor test and reliability lab.

As a key contributor, or team leader you will be a central support for hardware setups, running's, operator training and supervision within the lab. You will actively strive to verify that GaN Systems semiconductor devices meet or exceed our customer performance and reliability expectations and are their go-to solution of choice for power conversion and power control applications.

Responsibilities:

- Provide hands-on leadership in a small, fast-paced, semiconductor test lab
- Direct lab personnel, hardware builds and equipment maintenance
- Organize, configure and maintain Lab setups, work flows and inventory
- Manage multiple priorities in accordance to work lists and production concerns
- Accurately, clearly and concisely measure and communicate test data
- Set up and monitor qualification and life tests
- Set up and manage Keithley and FTI testers
- Assemble, solder, analyze, debug and troubleshoot test boards / test setups as needed
- Modify and/or enhance mechanical lab fixtures as needed
- Recommend measures to improve lab efficiency and effectiveness

Job Skills and Qualifications:

Electronic Technologist, with minimum 10 years' experience, at least 3 years as a lead hand/supervisor.

- Ambition and determination to make a difference within the confines of a small team
- Demonstrated leadership at both the individual and team level.
- Proficiency in data measurement, capture and analysis

- A working knowledge of LabView, MATLAB, or equivalent is desirable.
- Be highly organized and have excellent communication skills.
- Have a solid understanding of basic electrical circuit theory and hardware construction
- Have experience testing power semiconductors, preferably high voltage and high current
- Have a working knowledge of Keithley and FTI testers or equivalent
- Have health and safety training

Job type: full time

Experience level: Intermediate to senior levels, exceptional junior candidates will be considered.

Job Location: GaN Systems Inc., 1145 Innovation Drive, Ottawa, Canada K2K 3G8

Salary: commensurate with experience.

Contact: Send inquiries to: emacrobbie@gansystems.com