

Driving decarbonization and digitalization. Together.



Senior Technician - Component Verification

Job description

We are seeking a meticulous and detail-oriented Component Verification Technician to join our team. The successful candidate will be responsible for performing high-voltage and high-power electrical experiments, supporting and coordinating the assembly and testing of various boards, and managing laboratory setups and safety requirements. This role involves collaborating closely with engineers and other technicians to ensure our GaN Power components meet the highest quality and performance standards. If interested apply today!

In your new role you will:

- **High-Voltage and High-Power Testing:** Perform high-voltage and high-power electrical experiments according to given procedures or under the supervision of component verification engineers
- **Board Assembly and Testing:** Support and coordinate the assembly and testing of various boards
- **Laboratory Setup and Teardown:** Set up and dismantle test equipment and laboratory setups for experiments
- **Documentation:** Document, review, and report all test results accurately
- **Lab Safety and Maintenance:** Manage lab safety requirements and maintain calibration and maintenance records
- **System Troubleshooting:** Support system troubleshooting, including soldering and desoldering components from PCB boards, such as resistors, transistors, capacitors, integrated circuits, and sockets
- **Equipment Inspection:** Inspect and test electronic equipment and components using multimeters, oscilloscopes, probes, and other electronic test instruments and tools
- **Inventory Oversight:** Oversee lab inventory and contact suppliers to order equipment and components
- **Additional Duties:** Perform other related work as assigned

Profile

You are best equipped for this task if you have:

- Diploma or higher in **Electronics, Electrical Engineering, or a related field**
- Minimum of 2 years of experience in the related field or training
- Must be eligible to meet the requirements of export control regulations and/or (as necessary):

At a glance

Location:

Job ID: **HRC0909043**

Start date: **as soon as possible**

Entry level: **1-3 years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0909043**
www.infineon.com/jobs



- 1. The individual **must not pose a risk for safeguarding of controlled goods**
- 2. Must be **eligible to handle US export-controlled data**

- Proficient in using testing equipment such as **oscilloscopes, multimeters, and other electronic test instruments**
- Skilled in troubleshooting **electronic circuits and executing precise soldering tasks** based on schematic diagrams and **PCB layouts**
- Familiarity with **component datasheets and specification documentation**
- Experience with **high-voltage and high-power testing procedures**
- Strong analytical and problem-solving skills with a keen attention to detail
- Excellent verbal and written communication skills
- Ability to work effectively in a **team-oriented environment**
- Flexibility to adapt to changing priorities and handle multiple tasks simultaneously

– **Power & Sensor Systems (PSS) drives leading-edge power management, sensing, and data transfer capabilities –**

The **PSS division** powers decarbonization and digitalization with a wide range of energy-efficient and digital solutions. PSS semiconductors help avoid carbon emissions, use resources sustainably, manage power effectively and intelligently, give ‘things’ smart senses, and process data quickly and reliably. The portfolio includes power, connectivity, RF, and sensor system technologies to develop smaller, lighter, smarter, and more efficient solutions for consumer devices, smart home/building applications, robotics, computing and data centers, charging devices, power tools, and much more.

The next generation of silicon and wide-bandgap (SiC and GaN) solutions provides unparalleled performance and reliability for 5G, big data, and renewable energy applications. These materials are paving the way for further energy and carbon savings. Highly precise XENSIV sensor solutions are enabling IoT devices to react intuitively to their surroundings for seamless user interactions while audio amplifiers bring exceptional sound experiences to smart speakers and other audio use cases.

[Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs.

Why Us

#WeAreIn for driving decarbonization and digitalization.

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

Are you in?

Must be eligible to meet the requirements of export control regulations, including the Canadian Controlled Goods Program and Canadian government security requirements; and/or (as necessary):

- Candidate must be able to obtain a Secret Clearance
- Individual must not pose a risk for safeguarding of controlled goods
- Must be eligible to handle US export-controlled data”

Infineon welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

We are on a journey to create the best Infineon for everyone.



This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

#LI-PB1

