Driving decarbonization and digitalization. Together.

Senior Test Development Engineer (f/m/div)

Job description

Do you have experience as a Test Engineer and want to take the next step in your career? Do you want to develop and implement test solutions for electronic devices used in industrial and consumer applications? Then, join us as a Test Development Engineer for our Green Industrial Power (GIP) division where we empower a world of unlimited GREEN energy!!

As a Test Development Engineer, you will develop and implement test procedures for gate drivers and integrated power switch modules, ensuring the functionality and safety of our products. Furthermore, you will work closely with the project team spread around the world.

In your new role you will:

- Be responsible for **developing Test packages** (test programs and hardware) **for Productivity and Quality improvement drives**
- Be able to **deep dive technically and debug test program issues** to ensure timely deliveries
- **Develop innovative solutions** for high parallel testing, **new methodologies** to improve coverage and test time, and more **efficient program structures**
- **Document and validate test applications** to ensure compliance with IC specifications and **Test program release requirements**
- Ensure timely **transfer of Engineering and Production test packages for Wafer sort and Final (Packaged) Test to** various **Testing locations**

Profile

You are a creative problem-solver who consistently strives to deliver high-quality results by thinking outside the box and exploring unconventional approaches. By embracing a culture of innovation, you're able to identify opportunities for growth and propose innovative ideas that drive progress. Moreover, as a collaborative team player, you are enthusiastic about sharing your knowledge and expertise with others, fostering a spirit of collective creativity and continuous learning.

You are best equipped for this task if you have:

- A **Bachelor's Degree in Electrical/Electronics Engineering, Microelectronics, Physics** or similar field of studies
- **3-5 years of semiconductor industry experience** with **test engineering**, **test processes**, and **equipment knowledge**
- C++, VBA, and VB.net **programming skills**

At a glance

Location:
Job ID: **HRC0929908**
Start date: **as soon as possible**
Entry level: **3-5 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: **HRC0929908**
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Contact

Ana Rita Costa
Recruiter

(infineon

- Experience with **Eagle ETS88/ETS364 and/or Teradyne A565 and/or LTX ASL1K test program development** and **mixed-signal IC testing** is preferred
- Ability to work effectively in an R&D team environment
- Strong technical documentation skills and ability to communicate technical ideas and issues in a professional manner
- **Fluency in English** (mandatory)

Please send us your CV in English.

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?

– At our R&D center in Pavia we develop next generation Industrial and Automotive applications –

In Pavia we design and test cutting-edge integrated circuits and modules that are at the heart of the worldwide decarbonization initiative. Our devices allow to avoid energy waste in applications such as: solar panels, wind turbines, battery chargers, electrical engine control.

People who join our team enjoy an inclusive and open-to-diversity culture; we are enthusiastic for all aspects of technology and also eager to improve our planet health with the devices we create.

– Green Industrial Power (GIP) empowers a world of unlimited green energy –

The **GIP division** delivers leading semiconductor solutions for the smart, green, and efficient conversion of electrical energy, covering all steps in the energy chain from generation through transmission to storage and consumption. Its broad range of applications spans renewable energies, electric vehicle charging, industrial power supplies, trains, electric commercial vehicles, and home appliances.

The GIP product portfolio encompasses IGBT power transistors and the driver ICs that control them, flanked by an expanding lineup of solutions based on SiC. Its growing analytics, service, and software offering complements this wide spectrum – reaching beyond products to create additional value for customers. Infineon is the global number one in power semiconductors and – with the broadest portfolio of SiC solutions for industrial applications – GIP is leading the transition to wide-bandgap technologies. GIP solutions handle energy more intelligently and efficiently – driving decarbonization for a better tomorrow.

Click here for more information about working at GIP with interesting employee and management insights and an overview with more #GIPDreamJobs.

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.