

# Driving decarbonization and digitalization. Together.



## Hardware design engineer - test

### Job description

In your new role you will:

- Assist the system design of power conversion systems. (Include calculation, simulation etc.)
- Assist system design team to do the system testing relevant works (Focus on power conversion application).
- Help to analysis test issues and try to find out possible solutions.
- Research the MCU application in power conversion.
- Internship position 6-12 months.
- 2~3 days/week working in Xi'an office, or One week in the office very two weeks. (flexible)

### Profile

You are best equipped for this task if you have:

- Degree in Power electronics, electrical engineering, automation, computer science and related disciplines
- Understanding the working principal of common power electronic topologies, such as Buck/Boost, LLC, NPC2, full bridge
- Knowledge of devices in power system, like IGBT, MOSFET, MCU, Sensor etc.
- Proficiency in using of common test equipment and instruments.
- Ability to develop embedded software with C/C++ or other languages.
- Familiar with MCU peripherals, like PWM, ADC etc.
- Good English reading and writing skills .

### Benefits

- **Xi'an**, : Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; Employees in Shanghai are entitled to use a gym located close to the office for free; On-site canteen, in Wuxi only.; Private insurance offers in some sites.; Wage payment in case of sick leave; Corporate pension benefits in some sites.

### At a glance

Location:

Job ID: **HRC0797669**

Start date: **as soon as possible**

Entry level: **0-1 year**

Type: **Part time**

Contract: **Temporary**

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:

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### Contact

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# Why Us

## **Driving decarbonization and digitalization. Together.**

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

## **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.

