

Driving decarbonization and digitalization. Together.



Antenna Design Intern Engineer - HRC0732575_1

Job description

In your new role you will:

- Design reference antennas and mmWave RF structures for Infineon's 24GHz and 60GHz Radar portfolio.
- Building up test setups for antenna and system performance characterization.
- Closely interact with Headquarter team.
- Design customized and innovative antenna solutions and prototypes for 24 GHz and 60 GHz applications.
- Support customer to design radome to achieve best mmWave signal quality.
- Internship position 6-12 months.
- 1-2 times/week traveling to Hong Kong office (flexible).

Profile

You are best equipped for this task if you have:

- Degree in Electronics/Electrical Engineering, Physics.
- Experience in 24 GHz and 60 GHz antenna design with EM simulation tools (e.g. HFSS).
- Understanding the working principal of CW and FMCW radar.
- Experience in RF filter design and intermediate frequency baseband optimizing.
- Practical experience in PCB board design with CAD software such as Altium Designer.
- Skillful on RF PCB layout trouble shooting.
- Experience on using RF equipments (e.g. spectrum analyzer /network analyzer).
- Experience of design RF matching network.
- Fluent English skills.

Benefits

- **Shenzhen,** : 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

At a glance

Location: **Shenzhen, (China)**
Job ID: **HRC0732575_1**
Start date: **as soon as possible**
Entry level: **0-1 year**
Type: **Full time / 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:

Job ID: **HRC0732575_1**
www.infineon.com/jobs



Contact

Lucy.Shi@infineon.com



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.

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.

