



Senior Staff FAE MMIC

Job description

In your new role you will:

- Provide 1st level support on RF MMIC for automotive radars, including measurement and debugging sessions together with customer.
- Support design-in of the RF MMIC at customer including support for HW development, configuration and debugging.
- Understanding customers' use cases and corresponding request for MMIC functions and performance.
- Be the main technical interface between customer and Infineon Radar community.
- Guide customer in designing their PCB with Infineon Chipset.
- Provide product training, and radar system level training with fundamental operations.
- Generate functions and verification check on system level evaluation boards.
- Understanding the concept of ISO26262 and be able to reflect it to system designs for automotive radars.

At a glance

Location: **Shanghai, (China)**
Job ID: **356692**
Start date: **Dec 30, 2022**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **356692**
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Profile

You are best equipped for this task if you have:

- Bachelor / Master Degree Major in EE.
- At least 3+ years of automotive RF system design.
- At least 5+ years of RF HW design on PCB level (>20GHz).
- In depth knowledge on RF circuits, components, and knowledge on automotive HW Experience on ISO26262.
- Good understanding on ADAS system, radar semiconductor technology and IVN.
- Excellent communication skill in technical discussion with customers and good English communication skill to be able to transfer application level information to the international IFX team.
- Excellent knowledge on RF parameters and measurement analysis: S-parameters, NF, IMD, Conversion gain, etc.
- Good Understanding on radar systems, and good knowledge on HW ECU debugging.
- Understanding of full radar sensor with focus on transmit and receive HW.
- Basic programming skills, and basic understanding of SW and signal processing required.



- Re-generation of use cases or problematic situations expected by using Infineon Radar Tooling.
- Bring up new or easier methods of testing or measurement.

Benefits

- **Shanghai, :** 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.

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

