



Staff Engineer Elect Design

Job description

In your new role you will:

- Work on mixed-signal/Finesim simulation/verification of Programmable SoC project;
- Create the Mixed-signal/Finesim verification plan and test bench according to the Spec;
- Verify/debug analog/digital design and fix the issue with the original designer together;
- Work on Full chip analog DFT design and test case development, analysis and simulation;
- Other responsibilities include supporting other groups in the test, qualification and release to production;
- Document the verification plan, coverage, implementation, and method.

At a glance

Location: **Shanghai, (China)**
Job ID: **359674**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **359674**
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Profile

You are best equipped for this task if you have:

- 2+ years with Master's Degree or 3+ years with Bachelor Degree in EE/CE;
- Experience on custom IC design skills;
- Experience on Mixed-signal/Finesim SoC product with MCU and the peripheral IPs;
- Knowledge with a wide range of analog IP such as Band-Gap, OPAMP, Switch Cap, OSC, ADC, and so on.;
- Understand digital verilog design and analog models;
- Experience in analog and digital simulation tools, Spectre, ELDO, NANOSIM, and MODELSIM tools experience is plus.

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.

