Engineer /Senior Engineer - Analog Mixed Signal Design For Test

Job description

We are currently looking for an Engineer who will be the main contributor in deriving the design micro-architecture from IP analog DFT specifications and requirements.

In your role you will:

- Derive the **design micro-architecture from IP analog DFT specifications and requirements.**
- Work with **design, verification, SoC implementation and DFT teams** across all sites of Infineon.
- Be a part of analog DFT execution team to **develop design test solutions** for common **mixed-signal analog design IPs.**
- **Co concept/design implementation** reviews.
- Perform **digital design frontend implementation (Linting, synthesis...)** checks to prove the implementability of the design.
- **Documentation of module specification, verification simulation plan and simulation results** in compliance to development work-flow.
- Support **lab design validation and characterization** of the mixed signal IP.

Profile

You are best equipped for this task if you have:

- A Bachelor's degree in electrical/electronics engineering or equivalent.
- **1-4 years of relevant work experience in digital RTL development.** Familiar with digital design flow: from **RTL, simulation, synthesis, STA to silicon tapeout design flow**
- **Ability to develop RTL code and understand how RTL will map to gate-level structures.**
- Strong **debugging skills, experience in test bench development and RTL verification.**
- **Good Scripting skill (Unix Shell, Perl or Python), good knowledge of Digital IP, microprocessor and SoC concepts will be an added advantage.**
- Good team player, proficient in English and communication skills.

Why Us

At a glance

Location:
Job ID: **333211**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **333211**
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We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.