

Driving decarbonization and digitalization. Together.



Staff/Senior Staff Engineer - Digital Design

Job description

Looking for a new challenge? We are now hiring a Digital Design Engineer! Are you an entrepreneurial thinker, creative problem solver and like to drive things forward? Your talent as a networker makes it easy for you to work with many different types of people? At Infineon we have the size, the competence and the faith in innovation to shape the power semiconductor industry. Seize the chance to come on board and become part of our success story!

In your new role you will:

- **Specify, rtl design and verify digital circuits** in achieving high performance, low power, and efficient implementation for sensor IPs.
- Work with architects and system engineers to **define IP specifications and architecture**.
- Perform **RTL design coding, Logic Synthesis, Static Timing Analysis, LEC& Spyglass**.
- Execute **DFT-related activities** – Scan Insertion & ATPG.
- Work with the Physical designer to achieve timing closure.
- Conduct **design reviews** and support in the documentation.
- Support verification engineer to **define verification test items**.

Profile

You are best equipped for this task if you have:

- Bachelor/Masters Degree in Electrical Engineering or similar field with a focus on electronics.
- **6+ years of professional experience in the field of Digital Design with good knowledge of EDA tools (Cadence, Synopsys)**
- Proficiency in **System Verilog** and/or Verilog/VHDL for RTL design and verification tasks
- **Familiar with the entire digital design flow as in LEC, Spyglass, defining constraints for synthesis, ATPG, and primetime analysis.**
- A good understanding of **IP development flow, chip integration, timing analysis, and testability.**
- Good English communication and interpersonal skills
- Strong analytical and problem-solving skills
- Candidates with more years of experience can be considered for a more senior position

At a glance

Location:

Job ID: **HRC0762934**

Start date: **Jun 14, 2024**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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: **HRC0762934**
www.infineon.com/jobs



Benefits

- **Singapore:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Staggered working hours for normal shift employees ; Home office options, certain conditions apply.; Part-time work possible (applicable for normal shift employees); On-site day-care center; Medical coverage; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Paid sick leave according to law, personal accident & work injury insurance, long term illness leave; Retirement benefits, re-employment opportunities, employment assistance payment; Performance bonus; Provision of long haul transport for shift and shuttle services for office to defray transport costs

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.

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.

