

# Driving decarbonization and digitalization. Together.



## Staff Engineer Design

### Job description

Engineer would be involved in the digital design of the next generation Power management mixed signal products.

In your new role you will:

- Engineer would be involved in the **digital design** of the next generation Power management mixed signal products.
- **Develop the controller** sitting as “heart” of the chip
- **Develop performance enhancement** algorithms for Analog circuits and its implementation in RTL
- Responsibilities include (but not limited to) Specification creation, micro-architecture development, RTL coding, test-plan creation, and working with AMS team etc.
- Responsible for block level design, simulations, synthesis(optional)
- Work with **AMS / digital Verification** team and Physical Design team to take the product from RTL to GDSII
- Engineer would be working closely with Analog team and familiarity with Analog centric digital is an added advantage.
- Exposure to AMS simulation would be ideal.
- Prior experience on control loops, micro-controller integration is an added advantage,
- Candidates who have worked on DC2DC and AC2DC converters would be an ideal fit

### Profile

You are best equipped for this task if you have:

- Bachelors/Masters/PhD degree in Electronics /Electrical Engineering
- 3-10 years of Industry experience
- Experienced in RTL design using VHDL / Verilog / System Verilog.
- Strong Basics of Digital design
- Experience of working with Analog Mixed Signal design team is an advantage.
- Good communication skills and a positive working attitude.
- Inclination for automation is an added advantage (Exposure to Python)
- Self-motivated and must be hands on.

### At a glance

Location: **Bangalore BTP (India)**  
Job ID: **HRC0788753**  
Start date: **Jun 01, 2024**  
Entry level: **3-5 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: **HRC0788753**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

[Shavin.Shashidhar@infineon.com](mailto:Shavin.Shashidhar@infineon.com)



# 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.

