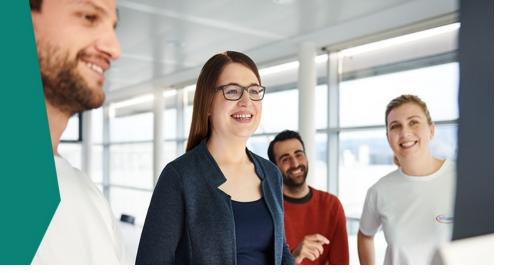
# Driving decarbonization and digitalization. Together.



# **Engineer Mask Design**

# Job description

In your new role you will:

- Basic use and application of electronics and semiconductor fundamental principles, theories and concepts.
- To implement the physical layout of circuit based on schematics provided by circuit design engineers.
- Check the correctness of layout using DRC/LVS tools.
- To work with circuit design engineers in the evaluation of various circuit options and their impact on layout, and determine the optimize approach.
- To perform top level routing and connection of input output signals. Giving extra care to signals identified as sensitive to minimize possible coupling and parasitic.
- To perform top level bussing to satisfy current density and minimize IR drop throughout the chip.
- To develop standard physical cell library for new process technology.
- To involve in simple skill code scripting.

### **Profile**

You are best equipped for this task if you have:

- Working experiences: 0-2 years
- Technical / functional experience in years: 0-1
- Language and software skills + level: Cadence Virtuoso, Unix
- Education background: Bachelor's Degree

# 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.

## At a glance

Location:

Job ID: **HRC0703200** 

Start date: as soon as possible

Entry level: 1-3 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: HRC0703200

www.infineon.com/jobs





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.

