

# 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: **Penang (Malaysia)**  
Job ID: **HRC0703200**  
Start date: **as soon as possible**  
Entry level: **1-3 years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **HRC0703200**  
[www.infineon.com/jobs](http://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.

