



Senior Staff Engineer Mask Design

Job description

Job Description: -

1. To implement the physical layout of circuit based on schematics provided by circuit design engineers.
2. Check the correctness of layout using DRC/LVS tools.
3. To work with circuit design engineers in the evaluation of various circuit options and their impact on layout, and determine the optimize approach.
4. 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.
5. To carry out layout checklist process to ensure the database is clean and prepare all necessary document in order to perform database release.
6. To plan, schedule and coordinate sub-cell layout.
7. To liaise with CAD team/CAD tool vendor to solve problem/issue encountered with layout tools.
8. Involve in copy smart/layout productivity & quality enhancement project and contribute in smart innovation ideas related activities
9. To assist in liaising with cross functional team leader in project related matters
10. Chair/participate meetings between various functional groups.
11. To assist in managing/leading the layout IP projects from starting until project tape-out.
12. To implement the physical layout of circuit based on schematics provided by circuit design engineers.

Profile

Job Specification:-

You are best equipped for this task if you have:

- 7-10 years work experience
- 7-10 years technical / functional experience
- Language and software skills + level: Cadence Virtuoso, Unix
- Education background: Degree
- Soft skills according to Behavior Model:
 - Enjoys developing expertise and skills,
 - Accepts responsibility for common goals and puts the team's results above his/her own interests,
 - Promotes an awareness for quality in his/her area of work,

At a glance

Location: **Penang (Malaysia)**
Job ID: **346704**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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- Remains focused on solutions, is open, and flexible even when under pressure

Why Us

Part of your life. Part of tomorrow.

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.

