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Sr. Mask Designer Resume

★★★★★ 5.00 /5 (Submit Your Rating)

SUMMARY

- I am seeking a permanent or a long term contract position in Integrated Circuit Mask Design or PCB Design or CAD Drafter in Hillsboro, Oregon area.
- Mask Confidential Designer with over 15 years of experience in full custom, high performance digital and analog Confidential design
- Good English communication skills, verbal and written
- Self - driven, highly motivated personality with a can-do attitude
- Proficient with functional unit block (fub) design Confidential and verification tools and flows
- Experience with RV, IR drop analysis, performance verification concepts
- Experience working on ICC memory compiler for Confidential clean up
- Comfortable with CAD systems in performing Confidential tasks including the ability to run and fix Confidential verification errors for both design rule and connectivity checks
- Expert knowledge in data path Confidential, custom Confidential, and design of standard and custom library cells
- Capable of working both independently and as part of a team, as circumstances require
- Ability to easily switch between assigned tasks
- Understand Confidential robustness issues (electro migration, self-heating, cross capacitance); recognize failure-prone circuit and Confidential structures, proactively contact circuit designer for guidance, and produce electrically robust Confidential
- Strong interest in developing and using new Confidential tools and procedures
- Ability to quickly master new information and complex written and spoken technical material
- Able to work to tight deadlines

TECHNICAL SKILLS

Tools: Intel tool suite (Device Level Synthesis (DLS), Polygon Confidential Editor (PLE), Genoa / Genesys . Cadence and Synopsys Hercules verification tool suite, EDA tools like Cadence (Virtuoso-L, Virtuoso-XL, PVS & QRC), Mentor Graphics (Calibre & XRC), AutoCAD, Unix/Linux operating systems Semiconductor manufacturing processes I worked on 130 nm; 90 nm; 65 nm; 45 nm; 32 nm; 22 nm and 14 nm. Computer Literacy Hardware Confidential PC, Macintosh, HP 9000, and Confidential RS6000 Software Microsoft Office suite of software

PROFESSIONAL EXPERIENCE:

Confidential**Sr. Mask Designer****Responsibilities:**

- Contract Confidential mask designer with Confidential at Confidential in Raleigh, NC
- Responsible for using computer-aided design tools to translate schematic diagrams into their physical structures, doing Confidential -versus-schematic verification and design rule verification checks
- Worked on Eco's, and made sure that Confidential is DRC & LVS clean

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Confidential**Electronics Sales Associate****Responsibilities:**

- Provide Customer service by acknowledging the Customer needs, identifying Customer needs, assisting with purchasing decisions, locating merchandise, resolving Customer issues and concerns, and promoting products and services, while maintaining a safe shopping environment
- Maintain merchandise presentation in the Electronics area by stocking and rotating merchandise, removing damaged or out-of-date goods, setting up, cleaning, and organizing product display, signing and pricing merchandise appropriately, and securing fragile and high-shrink merchandise
- Maintain the Electronics area in accordance with Company policies and procedures by properly handling claims and returns, zoning the area, arranging and organizing merchandise/supplies, identifying shrink and damages, and ensuring a safe work environment
- Receives and stocks merchandise/supplies from distribution centers and suppliers and organize and retaining required paperwork, logs, and other documentation
- Operate equipment, such as cash register and related tools, to process Customer purchases using appropriate procedures for different payment types and items sold
- Organize and maintain the Electronics Department by securing merchandise, assisting Customers with warranty transactions, maintaining the operation of displays, and categorizing videos, CD s and DVDs
- Designed Concept schematic Symbols from part specs



- Designed and checked AutoCAD physical symbols from a part spec and design checklist
- Updated both CAD and Concept symbols into AutoCAD library database
- Worked with engineers on schematic formats database issues
- Implemented efficiency and process improvement to existing practice Responsible for using computer-aided design tools to translate schematic diagrams into their physical structures, doing Confidential -versus-schematic verification and design rule verification, cleaning up errors, and performing quality and functionality improvement edits
- Trained other Mask Designers in my team on how to use Cadence Virtuoso XL (VXL) tool
- Worked with Cadence on how to implement VXL efficiently into the design flow. This role required me to communicate effectively throughout the global organization.

Confidential

Sr. Mask Designer

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- Worked on Eco's, and made sure that Confidential is DRC & LVS clean
- Completed Intel MPG Mask Design CMOS training
- Performed Confidential from scratch base level cells to top level block planning and Confidential with good attention to detail in an efficient manner
- Worked on the Merced, Willamette and Prescott projects
- Worked on data path Confidential, custom Confidential, and design of standard and custom library cells in the IEU, MMU and FPU Units that were used in functional unit block (fub)
- Performed Confidential tasks including the ability to run and fix Confidential verification errors for both design rule and connectivity checks.

 Report an issue

