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Senior Analog Design Engineer

Locations: Odon, Indiana

Clearance Required: No

Req ID: 35125



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Job Summary

Are you looking for an exciting, innovative company with over 100 years of excellence and commitment to ethical business? Amentum is a trusted partner to United States government agencies, allied governments, and corporations worldwide supporting critical programs across a broad range of domains. We are currently looking for a Senior Analog Design Engineer to support our customers at Naval Surface Warfare Center - Crane.

This position can be performed through a mostly teleworking basis; however, in lieu of working on-site, you will be required to travel to NSWC Crane 25% of the time. Travel costs to the site will be covered.

As the Senior Analog Design Engineer, you will:

- Participate in integrated circuit and board level analog design and analysis using schematic entry and Spice simulation.
- Work with commercial Electronic Design Automation (EDA) tools for Design, Simulation, Monte Carlo Analysis, Physical Layout and Verification.
- Lead design teams and mentor new designers.
- Read and understand requirements documents and translate into appropriate block level architecture.
- Translate requirements into a detailed design specification.
- Translate requirements and design specification into test bench simulations.

Minimum Requirements

- Master's Degree in any engineering discipline.
- 10 years of relevant experience or equivalent.
- Must have analog design experience and a strong understanding of the semiconductor industry.
- Strong written and oral communication skills and the ability to work in a team environment.
- Must be willing to work independently and collaborate on team projects.
- Must be a United States citizen.
- Must be able to obtain and maintain an active Secret clearance.

Preferred Qualifications

- Strong understanding of semiconductor fabrication processes and techniques in current commercial technologies.
- Strong understanding of board level and package level parasitics.
- Experience with amplifier and data converter design.
- Experience with unique Deep-sub-micron technology effects.
- Experience with high power bipolar foundry technologies.
- Experience supporting production issues such as field failures.
- Familiarity with UNIX/Linux operating systems. [Apply \(https://careers.amentum.icims.com/jobs/35125/login\)](https://careers.amentum.icims.com/jobs/35125/login)

- Experience with full-custom layout methodologies. [Refer \(https://careers-amentum.icims.com/jobs/35125/referral\)](https://careers-amentum.icims.com/jobs/35125/referral)
- Experience supporting production test and using design for test methodologies.
- Experience with design for packaging methodologies.

Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability or protected veteran status.



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