



www.navitassemi.com

Product Engineer

Navitas Semiconductor is a high-growth, well-funded tech start-up creating the world's first & fastest integrated GaN Power ICs for Mobile phone, tablet & laptop fast chargers, wireless charging and many other markets. Navitas was founded in 2014 and is located in the heart of El Segundo, CA in Los Angeles. We are currently seeking to add a Product Engineer to our team in this exciting new field of GaN power ICs. In this role, reporting to the VP Engineering, you will work in a fast-paced environment to develop, characterize, qualify, and production-release the world's first GaN Power ICs.

Key Technical Responsibilities:

- Management of the product development cycle from inception to mass production
- Collaborate with design team to plan characterization and design for test plans
- Bench characterization of new product performance
- Development of datasheet ratings and characterization
- Perform bench to test correlation
- Development of ATE test requirements and statistical test limits
- Collaborate with test and reliability teams to ensure successful reliability qualification
- Develop yield enhancement and cost reduction plans
- Collaborate with reliability / quality team for analysis of RMA Customer returns

Knowledge, Skill and Competency Requirements

- Strong analytical and critical thinking skills
- Strong foundation in analog electronics is preferred
- Preferred classwork focus areas: Analog electronics, power electronics, device physics, statistics
- Experience with hands-on bench testing through labs or class projects
- Experience with device characterization (understanding of measurement techniques, and use of lab equipment)
- Understanding of statistical analysis techniques (SPC, CPK, CPU, CPL, etc.)
- Ability to write concise engineering reports
- Experience with JMP or other statistical tools for data analysis
- Experience working with GaN or SiC is a plus
- Strong knowledge of device physics is a plus
- Positive attitude and willingness to learn
- Proficient English communication skills is preferred

Education and Experience

- BSEE 8+ yrs or MSEE 5+ yrs work experience