NVHR117

Manager / Director, Product Engineering

Navitas Semiconductor is a venture back startup creating the world's first & fastest integrated GaN Power ICs for Mobile phone, tablet & laptop fast chargers, wireless charging and many other products. Navitas was founded in 2013 and is located in the heart of El Segundo. We are currently seeking a Product Engineering leader for our product engineering activities 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 of the world's first GaN Power ICs. The ideal candidate will serve as both a strong individual contributor as well as team leader.

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
- 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

Key Management Responsibilities:

- Manage a growing team of product engineers
- Serve as a technical mentor / coach for PE team
- Organize team resources and ensure completion of product milestones
- Set team goals and drive the overall strategy for the PE team
- Serve as the key PE interface with other functional areas within Navitas

Knowledge, Skill and Competency Requirements

- Strong analytical skills in the evaluation and characterization of power semiconductors
- Experience with hands-on bench testing and characterization is a requirement
- Experience working with GaN or other compound semiconductor is a plus
- Strong understanding of test development along with the ability to define hardware/software needs for product debug
- Demonstrated experience with product characterization methodologies (planning, 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
- Strong knowledge of device physics is a plus
- Familiarity with industry standard reliability testing and failure analysis
- Experience with JMP or other statistical tools for data analysis

Education and Experience

- BSEE or Equivalent
- 5+ years of experience in Product Engineering or Design Engineering