



Navitas Semiconductor, Inc.

Job Description:

Title: Staff Application Engineer

Reports to: VP of Applications

In Office ☒ / Remote: ☐ / Hybrid ☐

Exempt ☒ / Non-exempt ☐

Based: El Segundo, CA - Corporate Office -

Job Purpose:

Navitas Semiconductor (Nasdaq: NVTS) is a high-growth, publicly traded technology company seeking a Staff Application Engineer. The ideal candidate will be self-motivated, energetic, tech-savvy, collaborative, and understands the dynamics of a fast-growing company.

Key Responsibilities and Duties:

- Build applications of our industry leading GaN power ICs
- Maintain a broad knowledge of market trends and opportunities for GaN power devices in ac/dc high voltage applications
- Create magnetic component designs, manufacture oriented PCB/system layouts, and run simulations in LTspice, Simplis, Matlab, and Ansoft FEA
- Any and all other duties, as assigned

KSAOs:

- Knowledge of market trends/opportunities for GaN power devices
- Ability to create reference designs for customers
- Knowledge of power semi devices (MOSFET, HEMT or similar etc) - behavior, performance, specifications
- GaN (or wide band gap) experience and knowledge
- Superior critical thinking skills, problem solving capabilities, and engineering judgment
- Understanding of layout requirement of basic analog blocks
- Professionalism towards internal and external partners
- Demonstrated ability to autonomously manage a myriad of demands and prioritize effectively
- Excellent written and verbal communication skills
- Maintains accountability for actions (ownership of work)

Requirements:

- 5+ years of hands-on experience in power electronics and power supply designs
- Masters in Power Electronics or
- Doctorate in Electrical Engineering
- Experience in safety, EMI, thermal, and 3D packaging