Job Description:

Title: Sr. Applications Engineer

Reports to: Sr. Manager, Applications Engineering

In Office ☒/Remote ☐/Hybrid ☐

Based: Shanghai

Job Purpose:

Navitas Semiconductor (Nasdaq: NVTS) is a high-growth, publicly traded technology company seeking a Sr. Applications 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:

- perform worst case calculation for power stage circuit and functional circuit
- perform electrical simulations of sub-circuits with Simplis and Plecs
- perform power stage circuit evaluation and loss calculation, sense/drive/DSP interface/protection circuit evaluation
- perform electrical characteristic test of GaN device in the prototype
- perform OBCM&DCDC product build and debug, include internal and external characteristics test, thermal and efficiency test, derating and protection test, EMI and safety test

Requirements:

- Master’s degree or above in electrical machinery and electronics, and prefer to have related project experience in EV OBC/DCDC
- Solid AC/DC expertise and strong practical design ability, familiar with the specifications and applications of various electronic components.
- Well verse in using simulation and calculation tools i.e Simplis/Simetrix; Plecs; Matchcad
- Have good logical thinking, strong communication skills, and excellent team spirit to complete tasks.

https://www.navitassemi.com/