



Navitas Semiconductor, Inc.

Job Description:

Title: Principal Device Engineer

In Office ☒/Remote: ☐/Hybrid ☐

Exempt ☒/ Non-exempt ☐

Based: Torrance, CA

Job Purpose:

Navitas Semiconductor is seeking a highly motivated and experienced device engineer for driving its GaN product portfolio. Ideal candidate would have a degree in Electrical Engineering, Material Science, Applied Physics or related fields (but not limited to) and have worked on developing GaN device engineering for high power electronics in recent years.

Key Responsibilities and Duties:

- Deep understanding of device physics (and correlation to GaN epitaxy is a plus)
- TCAD simulations
- Device modeling
- Reliability and TDDB modeling
- Layout design
- Understanding of circuits and applications
- Be highly innovative in approach
- Demonstrated sustained contributions and problem solving in GaN technology development
- Be flexible, work as team leader in mentoring and guiding device team to succeed in a fast paced environment

KSAOs:

- Deep understanding of device physics and GaN device engineering
- Experience with TCAD, modeling, reliability, TDDB, and layout design
- Strong understanding of circuits and applications
- Highly innovative mindset
- Strong problem-solving capabilities



- Ability to lead, mentor, and guide teams
- Ability to succeed in a fast-paced environment

Requirements:

Basic:

- Degree in Electrical Engineering, Material Science, Applied Physics, or related fields
- Recent experience developing GaN device engineering for high power electronics

Preferred:

- Demonstrated sustained contributions to GaN technology development
- Experience guiding and mentoring engineering teams

What We Give:

- A high visibility opportunity to work on leading edge technology development with a mission to make the world better with advancing the technology that powers the future.
- Fast decision making and freedom to work on interesting problems that the world cares about.
- A mission to succeed with full support from management.
- **Health, dental, and vision benefits.**

Salary Range:

\$180,000 – \$240,000 including base + bonus and stock awards, depending on experience.