Navitas Semiconductor, Inc.

Job Description:

Title: **Test Development Engineer**

Reports to: Sr. Director of Reliability Engineering

In Office ☒/Remote: ☐/Hybrid☐

Exempt☒ / Non-exempt☐

Based: Torrance, CA – Corporate Office

Job Purpose:

Navitas Semiconductor is a publicly traded MNC that creates the world's fasted integrated GaN Power ICs. The Test Development Engineer will work in a fast-paced environment to develop the hardware and software and release a complete production test solution package.

Key Responsibilities and Duties:

- Develop test solution following all development stages
    a. Research and preliminarily review product
    b. Schematic design
    c. BOM selection
    d. PCB layout
    e. Source code programming, debugging, and troubleshooting
    f. Spike check or deglitching
    g. Correlation and GR&R
    h. Product release, production support, and data review
    i. Continuous improvement (test-time reduction, capacity improvements, etc)
- Deploy and release developed test solutions
- Work with cross-functional engineering teams
- Support released test solutions at production and help solve issues, if necessary
- Any and all other duties, as assigned

KSAOs:

- Critical thinking skills regarding problem solving/issue resolution
- Knowledge of, and experience with, JMP/statistical tools for data analysis, lab equipment (oscilloscope, signal generators, etc.), programming/scripting, PCB layout
- Experience with Automated Test Equipment (ATE), such as AccoTest, Credence ASL, Eagle
- Ability to write concise engineering reports/excellent communication skills
- Maintains a positive attitude and an eagerness to learn and grow within the field
- Maintains accountability for actions (ownership of work)
- Extremely reliable with the ability to champion tasks

Requirements:

- Bachelor of Science degree in electrical engineering
- Complete courses in multiple of the following: Power Electronics, Analog Electronics, Device Physics, Statistics
- Preferred: Master's degree in electrical engineering