

## Staff Layout Engineer

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.

### **Job Description**

You will be responsible for full custom layout of complex Analog/Power Integrated Circuit and multi-chip module (MCM) according to established company DFM and industry standards. Position requires remotely interfacing with domestic and international design engineering teams, in multiple design centers. You will be fully responsible for all aspects of the Blocks and top level layout, working with engineers to identify scope of project, provide estimate schedule for deliverables, validating the layout work with design engineers. Other responsibilities will include uploading design data to foundries, providing peer reviews, and mentoring juniors as needed. Some night and weekend work may be required.

### **Qualification:**

- Minimum 5 years of experience with power or analog IC layout and back-end verification with Cadence Tools & other design platforms.
- Expert in power/analog IC layout concepts and must demonstrate superior critical thinking skills, problem solving capabilities and engineering judgment.
- Fluent with analog EDA front and back end tools:
- Required – Cadence Virtuoso & ADE – analog layout & schematic
- Required – Cadence – Assura, PVS DRC & LVS & parasitic extraction
- Preferred – strong UNIX/Linux and scripting language
- Preferred – FlexLM license management & Linux OS support
- Preferred – physical design rule deck construction and modification