



Internship Opportunity: Product Engineer

indie's internship program is designed for driven individuals who are looking for hands-on, real-world job experience with guidance and mentorship. Our program focuses on expanding skill sets, building upon education, and providing professional support within the autotech industry. Interns will engage with actual customer projects, both in the lab and with indie's global teams, with the opportunity to provide meaningful contributions to new software development, product designs, and more.

internship Overview:

As a Product Engineering intern, you will support the release of ARM® microcontroller-based products as well as analog ASIC products throughout the entire product life cycle. Additionally, you will help develop production tests plans to verify product performance and analyze the data using sound statistical methodology to set test limits and datasheet specifications.

Job Summary:

- Support spec compliance matrix and production tests plan to verify product performance
- Pursue creative solutions to improve product margins throughout the entire product lifecycle of a variety of analog and mixed signal integrated circuits
- Define problems by identifying failure modes, quantity of material affected, percent fallout, etc.
- Perform data analysis, problem characterization, failure analysis, and fault isolation to determine the root cause of the problem
- Support product reliability and package qualifications
- Support Temp/ voltage/ process corner characterization analysis and associated product datasheet limit calculations
- Support to ensure all aspects of production manufacturing are established, including hardware, documentation, BOMs, costing, and MSA/Gage R&R
- Support close coordination with foundries from tape out to fab out, assembly and test houses from packaging solution development to prototype and pre-production sample builds.
- Support to ensure new product introduction is successful and on schedules
- Support to provide real time customer support for design, product, and quality related concerns. Work with fab to drive yield improvement.

Requirements:

- BS degree in Electrical, Computer Engineering and/or related experience.
- Proficient with data analysis and various data/calculation tools such as Excel.
- Self-driven, systematic and strong organization skills.
- Ability to communication and interface with cross-functional teams and subcontractors across global locations.

Internship Location: Aliso Viejo, CA