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Product Development Engineer 2

Locations: Austin, Texas
Categories: Engineering
Req ID: 21203
Hiring Target Min: USD $71,840.00/Yr.
Hiring Target Max: USD $107,760.00/Yr.

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Job Description

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We care deeply about transforming lives with AMD technology to enrich our industry, our communities, and the world. Our mission is to build great products that accelerate next-generation computing experiences – the building blocks for the data center, artificial intelligence, PCs, gaming and embedded. Underpinning our mission is the AMD culture. We push the limits of innovation to

solve the world's most important challenges. We strive for execution excellence while being direct, humble, collaborative, and inclusive of diverse perspectives. This is who we are at our best. One Company. One Team.

AMD together we advance_

<u>AMD PRODUCT ENGINEER</u>

THE ROLE:

Position includes characterization, data analysis, and yield debug of ATE and SLT manufacturing flows. Applicant should be familiar with modern microprocessor manufacturing, semi-conductor device physics, testing techniques and failure mechanisms.

THE PERSON:

Product Engineering is a cost, quality, and time-to-market driven team responsible for enabling the availability of microprocessors to our customers. Pre-silicon responsibilities for the Product Engineer include understanding product features and performance targeting, developing end-to-end characterization test plans, and highlighting test flow coverage holes. Post-silicon responsibilities include leading debug across fields (Product Engineering, Design, Platform), analysis of characterization and yield data to optimize the test flow for cost and quality, and the execution of characterization plans. The Product Engineer will be responsible for driving yield improvements through data analysis of test results, and collaborative debug with Test, Design, and Fab engineers.

Key Responsibilities:

- Analysis of characterization and yield data across manufacturing insertions
- Leading debug of multi-functional issues (across Test, Design, Platform, Fab)
- Characterization and debug of new silicon designs and process technologies
- Analysis of part failures leading to test flow improvement
- Optimization of test flows/methodologies for improved quality and cost

Preferred Experience:

- Strong communication skills including data presentation
- Data analysis skills/tools: pareto, statistical analysis, JMP (or equivalent)
- Windows and Unix proficiency
- Semiconductor fabrication knowledge
- Semiconductor device physics knowledge
- Modern computer architecture knowledge

- ATE and SLT test methodology experience

ACADEMIC CREDENTIALS:

- BS/MS EE or equivalent

LOCATION:

Austin, Texas

#LI-TW2

At AMD, your base pay is one part of your total rewards package. Your base pay will depend on where your skills, qualifications, experience, and location fit into the hiring range for the position. You may be eligible for incentives based upon your role such as either an annual bonus or sales incentive. Many AMD employees have the opportunity to own shares of AMD stock, as well as a discount when purchasing AMD stock if voluntarily participating in AMD's Employee Stock Purchase Plan. You'll also be eligible for competitive benefits described in more detail here (https://amd.jibeapply.com/benefits).

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