Sr. Silicon Design Engineer

AMD   Santa Clara, CA (On-site) 1 week ago   **3 applicants**

💼 $114,400/yr - $171,600/yr · Full-time · Mid-Senior level

🏢 10,001+ employees · Semiconductor Manufacturing

👥 31 connections · 71 company alumni · 11 school alumni

✅ Skills: Electrical Engineering, Communication, +8 more

Apply   **Saved**

About the job

WHAT YOU DO AT AMD CHANGES EVERYTHING

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_

SENIOR SILICON DESIGN ENGINEER

The Role

We are looking for an adaptive, self-motivative design verification engineer to join our growing team. As a key contributor, you will be part of a leading team to drive and improve AMD's abilities to deliver the highest quality, industry-leading technologies to market. The Verification Engineering team furthers and encourages continuous technical innovation to showcase successes as well as facilitate continuous career development.

The Person

You have a passion for modern, complex processor architecture, digital design, and verification in general. You are a team player who has excellent communication skills and experience collaborating with other engineers located in different sites/timezones. You have strong analytical and problem-solving skills and are willing to learn and ready to take on problems.

Key Responsibilities
- Develop/Maintain tests for functional verification and performance verification at the core level
- Build testbench components to support the next generation IP
- Maintain or improve current test libraries to support IP level testing
- Create hardware emulation build to verify the IP functional performance
- Maintain and improve current hardware emulation environment to speed up the runtime performance and improve the debug facility
- Provide technical support to other teams

Preferred Experience
- Good at C/C++
- Familiarity with SystemVerilog and modern verification libraries like UVM
- Experience/Background on Computing/Graphics is a benefit
- Experience with OpenGL/OpenCL/D3D programming is a benefit

Academic Credentials
- Bachelors or Masters degree in computer engineering/Electrical Engineering

LOCATION:

Santa Clara, CA, USA

Compensation

Expected to range from $100,100 to $185,900 commensurate with experience and specific skill sets

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.

AMD does not accept unsolicited resumes from headhunters, recruitment agencies, or fee-based recruitment services. AMD and its subsidiaries are equal opportunity, inclusive employers and will consider all applicants without regard to age, ancestry, color, marital status, medical condition, mental or physical disability, national origin, race, religion, political and/or third-party affiliation, sex, pregnancy, sexual orientation, gender identity, military or veteran status, or any other characteristic protected by law. We encourage applications from all qualified candidates and will accommodate applicants' needs under the respective laws throughout all stages of the recruitment and selection process.

See less ⌃

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Senior Design Engineer, Santa Clara, CA

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Employer-provided

Pay range in Santa Clara, CA

Exact compensation may vary based on skills, experience, and location.

Base salary
$114,400/yr - $171,600/yr

Put your best foot forward with your application

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Applicants for this job

3 Applicants

0 Applicants in the past day

> To maximize your chances of getting this job, be sure to update your profile with the most relevant skills

Most common applicant skills

You have **4 out of the 10 most common skills** among all other applicants

- ✅ MATLAB
- ✅ C++
- ◯ SystemVerilog
- ◯ Digital Electronics
- ◯ RTL Design

- ✅ C (Programming Language)
- ✅ Microsoft Office
- ◯ Electronics
- ◯ Engineering
- ◯ VHDL

Applicant seniority level

2 Entry level applicants

Applicant education level

100% have a Master's Degree (Similar to you)
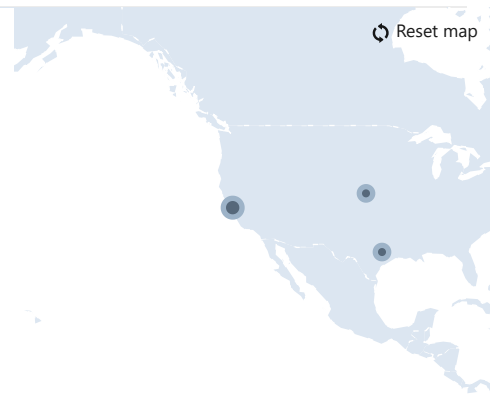
Applicants are in these locations

1-5 applicants ✓
San Francisco Bay Area

1-5 applicants
United States

1-5 applicants
College Station-Bryan Area
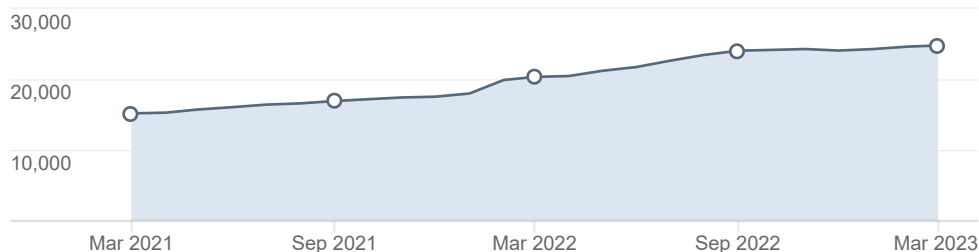
↻ Reset map

❓

See if AMD is hiring people like you

The latest hiring trends.

24,795
Total employees

▲ **63%**
Company-wide
2 year growth

▲ **47%**
Engineering
2 year growth

30,000	
20,000	
10,000	

Mar 2021 Sep 2021 Mar 2022 Sep 2022 Mar 2023

🕐 Median employee tenure · **2.3 years**

AMD hires candidates from some of these companies and schools

AMD hired 71 people from Western Digital. **See all**

AMD hired 11 people from Ira A. Fulton Schools of Engineering at Arizona State University. **See all**

Engineering hires at AMD came from these companies and more.

Engineering hires at AMD came from these schools and more.

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About the company

AMD
1,051,606 followers

✓ Following

Semiconductors • 10,001+ employees • 24,795 on LinkedIn

For more than 50 years AMD (NASDAQ: AMD) has driven innovation in high-performance computing, graphics, and visualization technologies. AMD employees are focused on building leadership high-performance and adaptive products that push the boundaries of what is possible. Billions of people, leading Fortune 500 businesses, and cutting-edge scientific research institutions around the world rely on AMD technology daily to improve how they live, work, and play. **...show more**

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North Salt Lake, UT

New

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Hamberley Care Homes
Luton, England, United Kingdom

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Zero to One Search | Recruitment Agency
Munich, Bavaria, Germany

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Graziano Albanese
Fasano, Apulia, Italy

🕐 Be an early applicant

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شركة أبعاد العقارية
Jeddah, Makkah, Saudi Arabia

🕐 Be an early applicant

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JAC Group
London, England, United Kingdom

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Randstad Professionals Belgium
Ghent, Flemish Region, Belgium

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Overseas Sales Manager
Xinxiang Richful Lube Additive Co.,Ltd
Brussels Region, Belgium

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Addressable Trading Executive
dentsu
Madrid, Community of Madrid, Spain

🎯 1 company alumnus

New

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Troocoo
Brisbane, Queensland, Australia

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Analyst I - Reinsurance Actuaries
Guy Carpenter
Beijing, Beijing, China

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Woodbury, MN

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