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## MTS Silicon Design Engineer

AMD San Diego, CA (On-site) 1 week ago **15 applicants**



\$125,440/yr - \$188,160/yr · Full-time · Mid-Senior level



10,001+ employees · Semiconductor Manufacturing



31 connections · 71 company alumni · 11 school alumni



Skills: Computer Architecture, SIMD, +8 more

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### Meet the hiring team



**Patrick Harrington** 2nd

Talent Acquisition Partner at AMD

Job poster

31 mutual connections

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## 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\_

### Shader Design Engineer - 510

#### The Role

The Shader (SIMD Processor) design team is looking for a candidate who will assume ownership of complex designs that will be used in next generation graphics products. The candidate will be responsible for designing and implementing complex features from microarchitecture specifications of the digital block.

#### 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/time zones. You have strong analytical and problem-solving skills and are willing to learn and ready to take on problems.

#### Key Responsibilities

- Work with Architects and micro-architecture of unit designs and write design specifications
- Plan, Execute and Track new features at IP level.
- Implement complex features in Verilog and factor in all the tradeoffs that are necessary for the design (area/power/performance/timing)
- Synthesis and timing closure in co-ordination with Physical Design team and SoC teams
- Closely work with block architect to understand design trade-offs
- Co-ordinating design, verification and implementation activities at IP level

#### Preferred Skills

- Requires very strong understanding of computer architecture.
- Industry experience on logic design and physical design.

- Prior experience with graphics design and pipelining preferred.
- Experience using industry standard tools (VCS, Verdi) and adapt to proprietary tools.
- Strong communication skills and the ability to work independently as well as in a cross-site team environment.

ACADEMIC CREDENTIALS:

- Bachelors or Masters degree in computer engineering/Electrical Engineering

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.

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Member of Technical Staff, San Diego, CA

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Employer-provided

Pay range in San Diego, CA

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

Base salary

\$125,440/yr - \$188,160/yr

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See how you compare to other applicants

Applicants for this job

15 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 6 out of the 10 most common skills among all other applicants

- |                                 |                            |
|---------------------------------|----------------------------|
| ✓ Python (Programming Language) | ✓ C (Programming Language) |
| ✓ Microsoft Office              | ✓ MATLAB                   |
| ✓ C++                           | ✓ Linux                    |
| ✓ Verilog                       | ✓ Leadership               |
| ✓ Java                          | ✓ Cadence Virtuoso         |

## Applicant seniority level

9 Entry level applicants

3 Senior level applicants

1 Director level applicant

## Applicant education level

67% have a Master's Degree (Similar to you)

20% have a Bachelor's Degree

13% have a Doctor of Philosophy

## Applicants are in these locations

1-5 applicants ✓

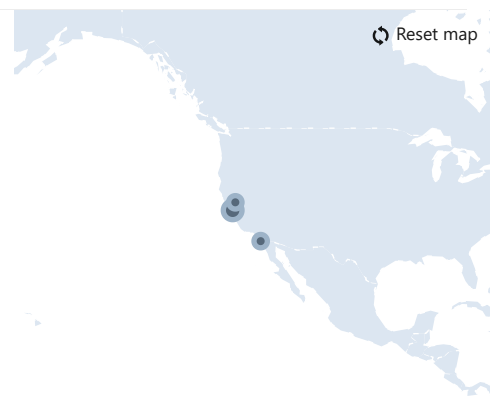
San Francisco Bay Area

1-5 applicants

San Diego Metropolitan Area

1-5 applicants

Greater Sacramento



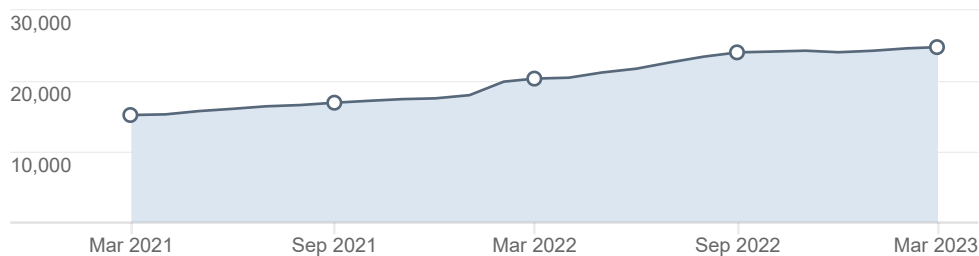
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## See if AMD is hiring people like you

The latest hiring trends.

24,795

Total employees





▲ 63%  
Company-wide  
2 year growth

▲ 47%  
Engineering  
2 year growth

🕒 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.



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## About the company



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### Principal Network Engineer

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Pocatello, ID

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### Non-Bank Branch Manager-Portland

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### Senior / Chief Cloud Platform Architect (w/m/x)

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Erfurt, Thuringia, Germany

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### Team Member

Arby's  
Clinton, MO

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### Junior Consultant Enterprise / IT Service Management (w/m/x)

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### Cardiac ICU Travel Nurse RN - \$2052 weekly

\*Nomad Health  
Tulsa, OK

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