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RTL Design Engineer

Submitted resume

AMD · Orlando, FL (On-site) · 1 week ago · 45 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: RTL Coding, Spyglass, +8 more

Job activity

Application submitted

2 seconds ago

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Patrick Harrington · 2nd

Talent Acquisition Partner at AMD

Job poster

31 mutual connections

Message

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_

RTL Design Engineer

The Role

The focus of the role is owning and creating complex circuitry in RTL for development of AMD's graphics processor unit (GPU) resulting in a fast, low power, efficient, best in class ASIC.

THE PERSON:

- An analytical thinker with problem-solving skills and excellent attention to detail

- Possesses excellent comprehension, communication, and interpersonal skills
- Enjoys working in a fast-paced, multi-project team environment using state of the art tools and technology

KEY RESPONSIBILITIES:

- Collaborate with system and IP level architects to understand the features to be implemented and document the low-level hardware architecture
- Create design documentation, accounting for interactions with other features and the existing hardware system, both your block and the neighboring blocks
- Implement the design in Verilog or System Verilog, ensuring adherence to our RTL coding guidelines
- Creating a design that has high-performance, low power, minimum area, and can execute with a very high clock frequency
- Improve existing designs to improve performance and clock frequency, while reducing area and power
- Run and analyze reports and resolve issues from: linting, timing, synthesis, and formal verification.
- Assist debugging test failures in both simulation, emulation, and silicon environments
- Create SystemVerilog coverpoints and assertions to allow verification and full functional coverage of your code. Review code coverage, and work with DV to achieve code coverage closure.

PREFERRED EXPERIENCE:

- Proficient in writing efficient RTL code in Verilog and System Verilog including use of a source control system and RTL linting tools
- Proficient in debugging RTL code using simulation tools, including the ability to determine if the root cause of a failing test is the firmware, hardware, or test issue
- Engineering tools experience with VCS, Spyglass, DC, and Formality
- Experience in Graphics IP pipeline is a plus

ACADEMIC CREDENTIALS:

- Bachelors or Masters degree in Computer Engineering/Electrical Engineering; Master degree preferred

Location: Orlando, FL or Austin, TX

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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Design Engineer, Orlando, FL

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Employer-provided

Pay range in Orlando, FL

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

Top applicants

10%

You're in the **top 10% of 45 applicants** based on your LinkedIn profile
45 Applicants -
1 Applicant in the past day

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Most common applicant skills

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

- ✓

Python (Programming Language)
- ✓

C++
- ✓

Verilog
- ✓

Field-Programmable Gate Arrays (FPGA)
- ✓

VHDL
- ✓

C (Programming Language)
- ✓

MATLAB
- ✓

SystemVerilog
- ✓

RTL Design
- ✓

Application-Specific Integrated Circuits (ASIC)

Applicant seniority level

21 Entry level applicants

5 Senior level applicants

Applicant education level

- 70%

have a Master's Degree (Similar to you)
- 14%

have a Bachelor's Degree
- 9%

have a Master of Business Administration
- 7%

have other degrees

Applicants are in these locations

1-5 applicants ✓

San Francisco Bay Area

1-5 applicants

Greater Phoenix Area

1-5 applicants

Raleigh-Durham-Chapel Hill Area



PREMIUM

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?

24,795

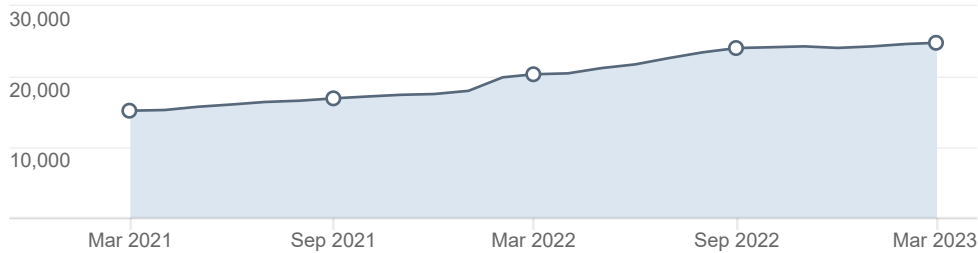
Total employees

▲ 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](#)

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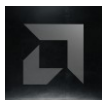
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For more than 50 years AMD (NASDAQ: AMD) has driven innovation in high-performance computing, graphics, and visualization technologies. AMD employees are focused on building leadership high-performance and adaptive products that push the boundaries 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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Le Caire, Provence-Alpes-Côte d'Azur,
France

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France

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Business Controller

DataSnipper
Amsterdam, North Holland, Netherlands

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New




Manager Technology and R&D,

Tissue (m/f/d)
ANDRITZ
Graz, Styria, Austria


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New




Solutions Delivery Manager
Hexagon Safety, Infrastructure & Geospatial
Calgary, AB

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UI/UX Designer
Valeo
Le Caire, Provence-Alpes-Côte d'Azur, France

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General Manager, BRAC Enterprises Liberia Ltd., BRAC...
BRAC
Monrovia, Montserrado County, Liberia

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Full Stack Developer AVP #222105
Credit Suisse
Pune, Maharashtra, India


1 company alumnus



Junior Microsoft Integration Engineer (Sept 2023)
delaware BeLux
Ghent Metropolitan Area

Be an early applicant


New



ASSISTANT STORE MANAGER
Family Dollar
Elizabethtown, NC

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New



R&D Manager
Hays
Bergamo, Lombardy, Italy

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