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IC Design Engineer

Broadcom Inc. · Irvine, CA · 1 day ago · **9 applicants**

💼 $78,000/yr - $130,000/yr (from job description) · Full-time · Mid-Senior level

🏢 10,001+ employees · Semiconductors

👥 5 connections · 82 company alumni · 3 school alumni

✅ Skills: Computer Engineering, Design Specifications, +8 more

Apply   **Saved**

About the job

Please Note:

- If you are a first time user, please create your candidate login account before you apply for a job. (Click Sign In > Create Account)
- If you already have a Candidate Account, please Sign-In before you apply.

Job Description:

Job Description:

- This opening work on chip design which enables digital RF for 5G or high speed fiber communication
- architect block level design specifications from the marketing requirements and/or system requirements
- prepare detailed design document, timing constraint file
- HDL coding, equivalency checking, STA result review, CDC checks, Lint checks, RTL/gate level simulations & silicon debugging
- prepare block level resource requirements & development schedule
- generate verification & test plans for design validation
- Perform design tradeoff analysis – leakage, dynamic power, die size, schedule, resource, priority, etc.
- silicon bring up

Job Requirement:

- B.S degree in EE or computer Engineering. Minimum of 5+ years of work experience with direct related technical skill
- M.S degree with 3+ years of work experience, or Ph.D in EE or Computer Engineering
- Good knowledge of high speed digital circuit design.
- Knowledge of digital signal processing and error correction code is a plus
- Knowledge of neural network is a plus
- Strong analytical and problem solving skills as well as hands-on lab debugging experiences
- Good Knowledge in languages relevant to the ASIC development process including Verilog, Unix/Perl Scripting or Python, and C.
- Experience with High-level Synthesis in design and verification is a plus.
- Self-motivated, excellent communication skills and ability to excel in a team environment.
- Good organization skills, able to follow through & bring issue to closure
- Enthusiastic & enjoy IC development works
- Knowledge Backplane/cable/optical fiber communication is a plus
- Be able to work with teams at remote locations with different time zone.

Additional Job Description:

Compensation And Benefits

The annual base salary range for this position is $78,000 - $130,000.

This position is also eligible for a discretionary annual bonus in accordance with relevant plan documents, and equity in accordance with equity plan documents and equity award agreements.

Broadcom offers a competitive and comprehensive benefits package: Medical, dental and vision plans, 401(K) participation including company matching, Employee

Stock Purchase Program (ESPP), Employee Assistance Program (EAP), company paid holidays, paid sick leave and vacation time. The company follows all applicable laws for Paid Family Leave and other leaves of absence.

Broadcom is proud to be an equal opportunity employer. We will consider qualified applicants without regard to race, color, creed, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability status, medical condition, pregnancy, protected veteran status or any other characteristic protected by federal, state, or local law. We will also consider qualified applicants with arrest and conviction records consistent with local law.

If you are located outside USA, please be sure to fill out a home address as this will be used for future correspondence.

See less ⌃

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Design Engineer, Irvine, CA

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Pay found in job post

Retrieved from the description.

Is this accurate? Yes / No

Base salary
$78,000/yr - $130,000/yr (from job description)

Put your best foot forward with your application
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🟨 PREMIUM   ❓

See how you compare to other applicants

Applicants for this job

9 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 **5 out of the 10 most common skills** among all other applicants

✅ **Python (Programming Language)**   ✅ **MATLAB**

✅ **C (Programming Language)**   ✅ **C++**

✅ **SQL**   ☑ **Verilog**

☑ **Cadence Virtuoso**   ☑ **Data Analysis**

☑ **SPICE**   ☑ **Leadership**

Applicant seniority level

3 Entry level applicants

1 Senior level applicant

Applicant education level

78% have a Master's Degree (Similar to you)

11% have a Apprenticeship Degree

11% have a Doctor of Philosophy

Applicants are in these locations
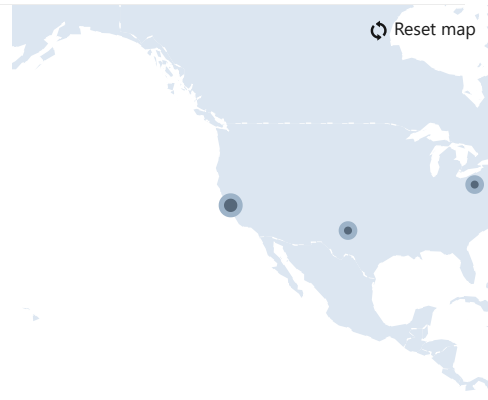
1-5 applicants ✓
San Francisco Bay Area

1-5 applicants
Lubbock-Levelland Area

1-5 applicants
Greater Pittsburgh Region

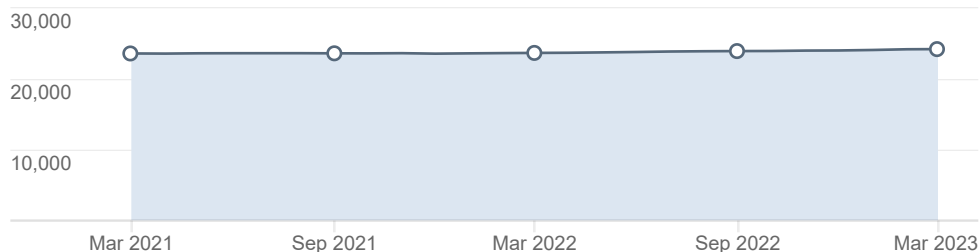↻ Reset map

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❓

See if Broadcom Inc. is hiring people like you

The latest hiring trends.

24,229
Total employees

▲ **3%**
Company-wide
2 year growth

▲ **4%**
Engineering
2 year growth

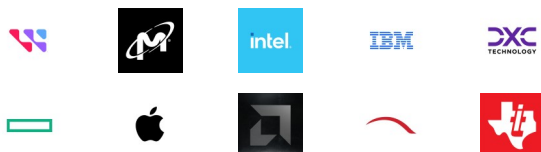| | Mar 2021 | Sep 2021 | Mar 2022 | Sep 2022 | Mar 2023 |

🕐 Median employee tenure · **7.4 years**

Broadcom Inc. hires candidates from some of these companies and schools

Broadcom Inc. hired 82 people from Western Digital. **See all**

Broadcom Inc. hired 3 people from Ira A. Fulton Schools of Engineering at Arizona State University. **See all**

Engineering hires at Broadcom Inc. came from these companies and more.

Engineering hires at Broadcom Inc. came from these schools and more.

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About the company

Broadcom Inc.
340,519 followers

Semiconductors • 10,001+ employees • 24,229 on LinkedIn

Broadcom Inc. (NASDAQ: AVGO) is a global technology leader that designs, develops and supplies semiconductor and infrastructure software solutions.

Trending employee content

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Hamberley Care Homes
Luton, England, United Kingdom

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Research Intern (Paid) - Cancer Research Center for Health Equity
Cedars-Sinai
West Hollywood, CA

🕐 Be an early applicant

New

Registered Nurse - Emergency Department - ED - 12-Hour...
Cedars-Sinai
Los Angeles, CA

🕐 Be an early applicant

New

Vacaturebericht Deskundige wonen/omgeving
Lokaal bestuur Hemiksem
Hemiksem, Flemish Region, Belgium

🕐 Be an early applicant

New • in Easy Apply

Principal Renewable Energy
OQ
Muscat, Masqaṭ, Oman

🕐 Be an early applicant

New

Tecnico sistemi IT
Graziano Albanese
Fasano, Apulia, Italy

🕐 Be an early applicant

New • in Easy Apply

Elastic Search Engineer (ELK, Logstash and Kibana)
DXC Technology
Bengaluru, Karnataka, India

6 company alumni

New

Senior Consultant (Town Planning)
Assystem
London, England, United Kingdom

2 alumni

New • in Easy Apply

Android Developer (Cologne)
Zero to One Search | Recruitment Agency
Munich, Bavaria, Germany

🕐 Be an early applicant

New • in Easy Apply

Product Security Engineer (Mobile)
Bolt
Tallinn Metropolitan Area

🕐 Be an early applicant

New

Partner Sales Manager
insightsoftware
Manchester, England, United Kingdom

1 company alumnus

New

Product Security Engineer (Web, API)
Bolt
Tallinn Metropolitan Area

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New

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