

Memory Circuit Design Engineer-MN Rochester

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Company: Broadcom Inc.

Location: Rochester

Category: architecture-and-engineering

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Job Description:

Memory Circuit Design Engineer

We are looking for energetic and passionate circuit design engineers to join our Central Engineering Group located in Rochester Minnesota and be part of an elite memory team responsible for the development of memory compilers and custom memory macros. This is an exciting opportunity to work on the bleeding edge of process technology and to create memory circuits for one of the largest portfolios in the industry. The position typically requires a Bachelor of Science in Electrical Engineering degree and eight years relevant experience in circuit design and analysis, or a Master of Science in Electrical Engineering with six years of relevant experience.

Job Responsibilities

Design and build memory or circuit blocks at the gate or transistor level

Simulate and analyze the circuit design using transistor level simulators

Extract the layout and perform post-layout simulations and verification

Floorplan physical implementation and leafcell layout integration to build the physical macro

Integrate characterization flow to extract timing and power information

Develop scripts to automate characterization flow, simulations, and verification

Specify and verify various behavioral and physical memory models

Document the design specifications, behavioral description, and timing diagrams

Help specify silicon test plan and correlate silicon to simulation data

Experience: Bachelor's + 8+ years of related experience.

Additional Job Description:

Compensation and Benefits

The annual base salary range for this position is \$91,200 - \$152,000

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.

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