**[Product Engineer (DFT) - Remote (US & Canada only)](https://www.linkedin.com/jobs/view/3117570339/?alternateChannel=search&refId=O6IbgLjZ0%2BzlKjEzcPFh%2Bw%3D%3D&trackingId=Q9xFcEJEtpLMJLqRJJh13g%3D%3D&trk=d_flagship3_company)**

[Siemens EDA (Siemens Digital Industries Software)](https://www.linkedin.com/company/siemens-eda/life/)  Canada Remote

* Full-time
* 1,001-5,000 employees · Software Development
* [1 school alumni](https://www.linkedin.com/search/results/people/?origin=JOB_PAGE_CANNED_SEARCH&currentCompany=%5B71273635%5D&schoolFilter=%5B14123%5D)
* See how you compare to 3 applicants.
* Actively recruiting

**Position Overview**Interfaces with mid-level customers, engineers, and managers to develop or enhance complex computer-aided engineering design or manufacturing processes. Uses complex design and tooling tasks involving multiple design environments. Cogently communicates software problems to product development. Works through DFT methodologies related to in-system test applications such as automotive designs. Activities include DFT RTL IP insertion such as logic BIST, memory BIST, IJTAG, and other DFT functions. DFT test generation and ATPG and debug of DFT issues. Responsible for in-depth technical papers and presentations to customers. Works with minor supervision on complex projects with latitude for independent judgment and discretion.  
  
**Responsibilities**

1. Drive product adoption.
2. Build and deliver in-depth technical presentations, develop training material, white papers, contributed articles, and application notes.
3. Work with customers as well as Siemens EDA stakeholders such as regional application engineers, global support engineers, and marketing.
4. Work through complex technical issues and independently create solutions and new methodologies.
5. Explain complex principles in simple terms to broad audiences.
6. Some travel, domestic and international.

**Required Knowledge/Skills, Education, And Experience**

1. BS degree (or equivalent) in Electrical Engineering, Computer Science, or related field is required.
2. Knowledge of design languages, tool usage, and Design flow steps required
3. Must have 2-5 years of experience and at least 1+ years of experience in DFT or SoC design for complex ASICs / SOCs. Experience in the following areas is a plus{{:}}
   1. Logic BIST (LBIST) and in-system test controllers such as MissionMode product
   2. Memory built-in self-test (MBIST), IEEE 1687 IJTAG, boundary scan (BSCAN), hierarchical DFT implementation.
   3. CPU interface to in-system test controllers
4. Proficiency in a scripting language like TCL.
5. Self-motivated and results-oriented with strong problem-solving skills.
6. Excellent organizational skills.
7. Excellent written and verbal English language communication skills.
8. Knowledge of IC design trends and emerging requirements.
9. Proficiency in LINUX and Windows environments.
10. The preferred work location is Wilsonville, OR but other locations can be considered

***For candidates in the United States: Where permitted by applicable law, Siemens may require employees to be fully vaccinated against COVID-19 based on job requirements, and in accordance with accommodation based on legally protected reasons.  
  
For Candidates in Canada: Siemens Industry Software Inc. requires employees to be fully vaccinated against COVID-19 unless granted an accommodation due to a disability or sincerely held religious belief or practice.***At Siemens, we are always challenging ourselves to build a better future. We need the most innovative and diverse Digital Minds to develop tomorrow’s reality. Find out more about the Digital world of Siemens here: www.siemens.com/careers/digitalminds  
  
**Organization:** Digital Industries  
**Company:** Siemens Industry Software Inc.  
**Experience Level:** Experienced Professional  
**Job Type:** Full-time  
  
**Equal Employment Opportunity Statement**Siemens is an Equal Opportunity and Affirmative Action Employer encouraging diversity in the workplace. All qualified applicants will receive consideration for employment without regard to their race, color, creed, religion, national origin, citizenship status, ancestry, sex, age, physical or mental disability unrelated to ability, marital status, family responsibilities, pregnancy, genetic information, sexual orientation, gender expression, gender identity, transgender, sex stereotyping, order of protection status, protected veteran or military status, or an unfavorable discharge from military service, and other categories protected by federal, state or local law.  
  
**EEO is the Law**Applicants and employees are protected under Federal law from discrimination.

**Pay Transparency Non-Discrimination Provision**Siemens follows Executive Order 11246, including the Pay Transparency Nondiscrimination Provision.

**California Privacy Notice**California residents have the right to receive additional notices about their personal information.