



Intern - DFT Design Engineer

Job description

Are you currently a student working towards a degree in Electronic/Electrical engineering or Computer science? Come and join our dynamic team in Colorado to define and implement DFT on high-performance low-power memory chips and subsystems. This position will be considered hybrid with occasional visits to office.

In your new role you will:

- Become a member of Infineon's Design team to develop **state of the art FRAM and Flash Memory IP** and chips for its Non Volatile Products Business Unit
- Define and implement DFT for high-performance low-power memory chips, subsystems and blocks which includes creating and stitching scan-chains, inserting compression engines, creating and simulating patterns, analyzing & meeting rigorous coverage goals

Profile

You are best equipped for this task if you have:

- Working degree (at least **Junior status**) in Electrical Engineering or Computer Science Engineering
- Require good understanding of **DFT, Scan**, Stuck-at faults, Transition faults, **ATPG**, Fault grading concepts
- Hands-on mastery over **Verilog** is needed
- Proficiency in **scripting languages** like TCL, Perl is required
- Exposure to VCS, Zoex, **Tessent**, Tetramax, Questa, Genus is a plus
- Excellent written and verbal communication skills and ability to work in cross-functional teams

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

Infineon Technologies Memory Solutions is an equal opportunity employer. All qualified

At a glance

Location:	Colorado Springs, CO (United States)
Job ID:	342015
Start date:	as soon as possible
Entry level:	0-1 year
Type:	Part time
Contract:	Temporary

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **342015**
www.infineon.com/jobs



applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws. Applicants with questions about access or requiring a reasonable accommodation for any part of the application or hiring process should contact the Talent Network by phone at (408) 503-2194.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your onboarding documents .

In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

IMPORTANT NOTICE:

Infineon is requiring all new U.S. employees and contractors to be fully vaccinated against COVID-19. Full vaccination is defined as two weeks after both doses of a two-dose vaccine or two weeks since a single-dose vaccine has been administered. Anyone unable to be vaccinated, either because of a sincerely held religious belief or a medical condition or disability that prevents them from being vaccinated, can request a reasonable accommodation.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

