



## Senior Staff Test Engineer

### Job description

Gain experience in leading edge probe technologies for both vertical and MEMS. Apply your expertise and experience in designing and qualifying probe technologies into production probecards. Work in Test Technology team.

#### In your new role you will:

- **Gain experience in leading edge probe technologies for both vertical and MEMS**
- **Apply your expertise and experience** in designing and qualifying probe technologies into production probecards
- **Provide expert technical guidance and support on probecard designs** for manufacturing across multi departments with Infineon
- **Technical interface** to probecard manufacturers
- **Bring up/debug & integrate first silicon design** n probecard to manufacturing environment
- **Utilize your expertise to provide component level recommendations** based on product test needs in the probecard design
- **Resolve technical problems with production SORT** test beyond the capability of local manufacturing support
- **Develop tools and supporting materials** to aid the setup and use of state of the art probecards in manufacturing over extreme temperature range
- **Understand technical and competitive trends** in probe technologies and applications

### Profile

#### You are best equipped for this task if you have:

- **BSEE required, MSEE preferred**
- **Overall 10+ years of design** and/or test experience related to front end SORT
- **Working knowledge of probecard** design and construction
- Knowledgeable in **MEMS**, semiconductor process and bond pad stack-up technologies
- Test experience in **testing and debugging complex circuits and systems**
- Understanding of **electrical circuits and systems** including resource sharing and design simulations
- **Experience with schematic capture and PCB design**
- **Strong self-motivation to initiate** and drive projects to completion

### At a glance

Location: **Austin, TX (United States)**  
Job ID: **343690**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **343690**  
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- Ability to **work collaborative** in a worldwide team and contributing guidance with your expertise
- **Strong quantitative analysis skills** with the ability to quickly understand complex situations/problems and resolve them effectively
- **Effective multi-tasking** and ability to manage priority items independently
- **Excellent communication skills (verbal and written)**

### The Connected Secure Systems (CSS)

segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more **#CSSDreamJobs**.

## 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.

*Cypress Semiconductor Corporation is an equal opportunity employer. All qualified 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.

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