



System Application Engineer

Job description

As the System Application Engineer (SAE) in the VMO segment, you will play a major role in the expansion of our market-leading power, control, and sensor products by providing outstanding application engineering support to our customers. If you have a passion for creating the future of mobility, Infineon has a team for you. apply today!

In your new role you will:

- Be responsible for supporting customers in Vehicle Electrification applications, with particular emphasis on Inverters.
- Work with **Field Application Engineering (FAE) team, Product Application Engineering (PAE) team** and internal development teams and drive our customers' success.
- Have a deeper understanding of our customer need by working closely with the FAE team, sales and the SAE team; Analyze customer system specifications, worst case operating points, drive profile and other requirements to select appropriate components from the Infineon product portfolio.
- Analyze regional application trends and identify key implications for Infineon products; **Synthesize regional trends, customer feedback and system level tests to provide** structured feedback to regional and global partners.
- Work with local and global partners to develop tools and collaterals(demo, fighting guides, application notes etc).
- Provide applications **training to FAE, Sales and customers.**
- Support global and regional innovation projects.
- Support Infineon communications team by presenting our technologies,products and applications in technical seminars.

Profile

You are best equipped for this task if you have:

- 10+ years of application engineering experience in power electronics products and applications.
- **MSEE preferred.**
- Good understanding of **automotive High Voltage Inverters.**
- Strong background in power semiconductor (**IGBT, MOSFET**) devices and **packaging technologies (discretes, modules, chip-embedding)** used in automotive applications.
- Experience in **designing and conducting HV and LV tests for automotive applications.**

At a glance

Location:	El Segundo, CA (United States), Livonia, MI (United States)
Job ID:	354373
Start date:	as soon as possible
Entry level:	5+ years
Type:	Full time
Contract:	Permanent

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Job ID: **354373**
www.infineon.com/jobs



- Good understanding of **gate drivers; basic knowledge of sensors and micros.**
- Experience in developing demo boards including gate-driver and control boards.
- Good understanding of automotive customer requirements.
- An open mind for working in an international environment.
- Excellent verbal and written communication and English skills.
- 10-20% domestic and international travel required.

Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

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

Benefits

- **El Segundo, CA:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Wide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance; Paid Sick Leave, Accidental Death & Disability Insurance (AD&D); Short-term & Long-term Disability; Employee Assistance Program (EAP); Health Promotion Programs; Reduced Price for Public Transportation
- **Livonia, MI:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Health promotion programsWide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance; Paid Sick Leave, Accidental Death & Disability Insurance (AD&D); Short-term & Long-term Disability; Employee Assistance Program (EAP); Health Promotion Programs; Reduced Price for Public Transportation

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

Infineon Technologies Americas Corp. 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 on-boarding 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.

#LI-PB1

