



Product Application Engineer - Automotive LED Lighting

Job description

Are you actively looking for a new career challenge? Are you looking for a position with a large, multinational organization, then this may be the position for you! We have an opportunity for a Manager Product Application Engineer at Infineon. Apply now!

In your new role you will:

- Act as the regional technical expert focused on automotive **LED lighting solutions**.
- Provide detailed product technical support to sales and **Tier 1 and OEM customers** for Linear and Switching Constant Current LED drivers and newer LED lighting applications including pixel lighting and multi-channel LED drivers.
- Support customers during design reviews, worst case analysis, device selection, and system evaluations/debugging.
- Develop and deliver technical presentations to customers to support sales teams in the qualification of new opportunities.
- Become part of a global expert team finding the best solutions for our customers and developing new concepts, innovation, and new technologies influencing our product and application roadmaps.
- Establish and develop trusted relationships with key customer engineering personnel and decision-makers.
- Engage with the global product line and regional marketing on strategies and best practices impacting our strategic direction.

Profile

You are best equipped for this task if you have:

- B.S. Electrical Engineering, **MSEE Preferred**.
- 10+ combined years of experience as a semiconductor Application Engineer or automotive electronic system design engineer, preferably with some experience serving automotive lighting including headlights, rear combination lamps, accent lighting and interior lighting.
- Experience with **DCDC converters** and other power electronics, helpful to know LED driver topologies including **Boost, Buck, Boost to Battery**, etc..
- The ability to write and update **MCU software** for testing and debugging the LED driver systems, knowledge of Infineon MCU's (**Trevo II, AURIX**) is helpful.
- Strong technical knowledge and design experience on a system level.

At a glance

Location: **Livonia, MI (United States)**
Job ID: **343189**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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

Job ID: **343189**
www.infineon.com/jobs



- New and innovative methods to confront and solve problems.
- Thermal design, modeling, simulation, and analysis experience.
- Experience in designing, evaluating, and demonstrating boards to test concepts and show capabilities.

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

- **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 programs 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

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 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 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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