

Senior Staff Product Definition Engineer Low Voltage Automotive GaN

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Company: Infineon Technologies Austria AG

Location: United States

Category: architecture-and-engineering

Senior Staff Product Definition Engineer - Low Voltage Automotive GaN
At a glance Infineon Technologies is seeking a highly motivated, energetic and creative Systems Engineer with broad knowledge and experience to perform product definition and development on Gallium Nitride (GaN) Power Switches and Integrated Power Stage (IPS) for 100V low voltage (LV) automotive application. Candidates should be able to work individually as well as work with a diverse team under pressure to create competitive and innovative LV automotive GaN product. If interested apply today! Quick info Location Dallas, TX, Villach, Munich Entry level 5+ years Job ID HRC0669677 Start as soon as possible Type Full time Contract Permanent Job description In your new role you will: * Deep knowledge of various types of switching mode power supply topologies and controls* Product experience with LV automotive power supplies and 48V power conversion systems, such as bus converter and POL converter is highly desired* Extensive experience in GaN power switch, its driving circuit, and its value proposition in LV power supply systems* Hands-on experience with design, debug, and lab testing of power converters * Solid understanding of magnetic component design for inductors and transformers * Basic understanding of semiconductor product definition and development process Profile You are best equipped for this task if you have: * MSEE or Ph.D, preferred with working experience in power supply or semiconductor industries * Experience in semiconductor product definition and/or applications engineering, and customer support is highly desired * Experience in semiconductor design, packaging and qualifications is a plus * Able to collaborate with cross-functional teams in the organization from program management to IC design, marketing, FAE's and sales to ensure companies success * Can effectively multi-

task, manage priorities and solve technical problems independently* Self-motivated, self-learning, and a good team player * Good communication skills in both verbal and written English-

Power & Sensor Systems (PSS) drives leading-edge power management, sensing, and data transfer capabilities -The PSS division powers decarbonization and digitalization with a wide range of energy-efficient and digital solutions. PSS semiconductors help avoid carbon emissions, use resources sustainably, manage power effectively and intelligently, give 'things' smart senses, and process data quickly and reliably. The portfolio includes power, connectivity, RF, and sensor system technologies to develop smaller, lighter, smarter, and more efficient solutions for consumer devices, smart home/building applications, robotics, computing and data centers, charging devices, power tools, and much more.The next generation of silicon and wide-bandgap (SiC and GaN) solutions provides unparalleled performance and reliability for 5G, big data, and renewable energy applications. These materials are paving the way for further energy and carbon savings. Highly precise XENSIV(tm) sensor solutions are enabling IoT devices to react intuitively to their surroundings for seamless user interactions while audio amplifiers bring exceptional sound experiences to smart speakers and other audio use cases. Click here for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs. About UsDriving decarbonization and digitalization. Together.Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.We are on a journey to create the best Infineon for everyone.This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicants experience and skills.We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.Click here for more information about Diversity & Inclusion at Infineon.#LI-PB1 Contact Us Apply now

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