



Product Definition Engineer

Job description

As Product Definition Engineer you will be part of our Technical Marketing Team of the Integrated Solutions & Discretes Business Line. If you are interested to work in the dynamic market segments of industrial drives, home appliances, and renewable energy generation, in our wide product and technology portfolio and our global customer base, this is the right job for you. You enable your customers to produce new, innovative, and superior products. This sounds interesting? Then, please apply!

In your new role you will:

With your hands-on mentality, your excellent communication skills, and your entrepreneurial mindset you are able to develop ideas from a first sketch into real applications. You establish lasting relationships and networks with colleagues and clients. Your systematic approach and conclusive presentation style enable others quickly to understand the main message for fast decision-making.

- Be the key **power electronics technical contact** for your worldwide key customers proposing them new IC ideas and collecting their feedbacks/requirements for your designated gate drivers
- You are answering technical questions, doing measurements, and **driving the design-in activities** for new products
- Support feasibility studies for new IC products reviewing the concept and product architecture with the R&D Concept team and System Architect
- **Translating application requirements** to specific IFX products or solutions
- Support application-level tests, application investigations, and optimizations on new IC products in order to evaluate IC ruggedness and compliance to target applications
- **Provide technical content** and new ideas for product roadmap
- Provide expert training to Application Engineer and key customers for new products
- **Build up and maintain** your own network **to key technical contacts** at customers
- Work in close cooperation with your product marketing colleagues for key customer support
- **Support our customers** by creating application tools like demo boards, application notes, hardware and software tools
- Provide or support the creation of application and system-related marketing materials
- **Train worldwide colleagues and distribution partners** on your gate drivers and applications

At a glance

Location: **El Segundo, CA**
Job ID: **318167**
Start date: **immediately**
Entry level: **3-5 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: **318167**
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Profile

You are best equipped for this task if you have:

- An excellent technical **skillset based** on a degree in electrical engineering or **microelectronics** focused on **power electronics**
- More than 5 years of experience in Application Engineering, System Engineering, Concept Engineering, Technical Marketing, or **Product Development within the power semiconductor industry**
- An **understanding** of system-level of **high voltage IC's, IGBTs, and MOSFETs**
- The ability to understand complex systems and to identify innovative solutions
- **A strong customer focus.** You are committed to creating added value by deeply understanding your customers' applications
- Strong presentation and training skills. You want to work in interdisciplinary teams and with international customers
- **The will to travel from time to time** (the Americas and Asia are your main destinations)

