

Engineer – DCDC Power Applications

Type: Full-time
Reports To: Senior Director of Applications Engineering
Location: Manilla, Philippines

ROLES & RESPONSIBILITIES

- Design, test, and evaluation of multi-port Reference Designs (RDs) utilizing Silanna ICs.
- Preparation of product support documents: datasheets, application notes, user guides.
- Characterization and benchmarking of power semiconductor devices.
- Assist FAE's with customer support.
- Perform technical competitive analysis.
- Analyze and test customer application boards to optimize power system size, efficiency and cost.
- Provide technical support and develop close working relationships with customers.
- Create Sales boards development kit and the support documentation.
- Lead customer demonstrations & conference technical presentations.
- Create hardware related customer support documents, application notes, test reports, and FAQs.
- Work with engineering to implement hardware and/or procedures to satisfactorily test eval boards and Reference Designs.
- May require periodic travel for support of customers' product development.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

- BS in Electrical Engineering (or equivalent)
- MS in Electrical Engineering preferred
- 3-5 years Power Electronics industry experience
- Some knowledge of the power semiconductor market and applications
- Circuit simulation using ORCAD, Cadence or similar tools
- Excellent written and verbal communication skills
- System-level application experience with DC-DC power ICs desirable
- Hands on experience in design of circuit boards