



Staff Applications Engineer

Job description

- Define/Develop System validation Test platform and form-factor designs
- Perform simulation and hands-on development in the area of high-frequency, high-current, high-density AC/DC and DC/DC designs
- Works cross functionally with System Architects, Firmware developers and Applications Marketing in defining right-fit product, addressing customer application requirements
- Support design/development activities, schematic & layout reviews, board bring up, full system-level validation and debug of technical problems
- Provide technical guidance and support/train the local/Regional System teams
- Systems engineer keen to deliver USB power delivery products and solutions
- Own and Execute EMI/EMC compliance of AC/DC and DC/DC solutions.

Profile

- Master's in Electrical Engineering / Power Electronics or equivalent
- 5+ years' experience in design for power management products
- Knowledge of power conversion topologies, magnetics and control system design with extensive lab skills to test and debug of switch mode power supplies
- Hands-on experience in high-frequency, high-current, high-density AC/DC and DC/DC designs
- Knowledge in complete silicon development cycle from Product definition to Mass production
- Experience in simulation tools such as Simplis, Spice, Matlab, Mathcad
- Good understanding of Microcontrollers and ARM Cortex M architecture
- Excellent problem-solving skills with respect to Conducted /Radiated emission for Power adaptor solutions complying to Industry standards
- Strong team-player and practical hands-on problem solver
- Excellent written and verbal communication skills and enthusiasm for solving customer problems in a collaborative manner

Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent programs; International assignments; Career paths: Management career, Project

At a glance

Location: **Bangalore (India)**
Job ID: **354824**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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management career, Technical ladder career, Individual contributor career, Professional career; Flexible work timing, Part time work, Work from home; Home office; Health & wellness reimbursement, Employee motivation forum, Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Medclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion programs; Statutory benefits; Access for wheelchairs; On-site canteen; Paid sick leave, long term illness leave; On site Yoga classes, Sports club

Why Us

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