



Senior Field Application Engineer

ITEN is the leading industrial company developing and manufacturing solid-state lithium-ion micro-batteries in the form of SMD components. Such micro-batteries are rechargeable in a few minutes and are not only able to store high energy density but also to deliver power and high peak currents (a few 100 mA) over a wide operating temperature range. ITEN's micro-batteries are the ideal solutions to back-up and power up applications in electronics, SSDs, mobile and GPS devices, SSDs, medical devices, smart cards and security tokens, home and building automation, smart cities, wearables and e-textile, IoT and more generally wireless sensor networks. Would you like to play your part in a dynamic and very innovative multi award winning tech company? Join us and be part of what's next in energy storage.

The Sales and Business development Team is seeking an enthusiastic Applications Engineer who will be responsible for the application electronics development of our micro-battery product portfolio and the technical support of our customers to help shortening their design phase. The job entails working with cross-functional groups to continually push the envelope of technology implemented in ITEN products.

What you will be doing

Primary responsibilities include:

- Specification and generation of application circuits and demo boards including GUI with circuit design steps, component selection, circuit schematics, bill of materials, and interface to subcontractors for PCB layout, assembly, test procedures and reports;
- Development of technical documentation (e.g. application notes and design guidelines, evaluation kit and reference design datasheets);
- Distribution and Customer support
 - To provide guidance for troubleshooting/analysis, competitive analysis, and to generate solution, including support relative to applications and systems issues.
 - To build and customize reference designs provided and to analyze, debug and resolve issues quickly.
 - To promote Products and support design-in;
 - To contribute to competitive technical analysis
- Collaboration with third-party semiconductor companies to generate reference designs based on ITEN's micro-batteries;
- Contribution to the definition of innovative and differentiated products;

Education

The candidate should hold a masters' degree in engineering (High schools of engineers or University, "BAC +5 equivalent") with a specialization in electronics.

Required skills and experience

- More than 7 year-experience in the Electronics or Semiconductor Industry in an Applications or Electronics Design role.
- Demonstrated 2-5 years industry experience in power management IC or related applications engineering.
- Excellent knowledge and hands-on experience with operational amplifiers, analog/mixed signal, and power management ICs (PMIC) topologies, circuits, and applications.
- Very good familiarity with
 - Analog circuits and buck, boost and buck-boost converters, as well as charge pump, LDOs, amplifiers/buffers and ADCs/ DACs.
 - Power management architectures used in battery powered consumer/mobile devices such as: wearables, smart cards, POS and smartphones.
- Nice-to-have:
 - Proficiency in programming microcontrollers (STM32/RENESAS/PICs) to enable rapid prototyping.
 - Programming languages experience: Python and C / C ++.

Mindset and interpersonal skills

- Ability to analyze, debug, and solve a wide variety of problems. Understands importance of customers and strives to provide timely support.
- Excellent verbal and written communication skills with the ability to interface at all levels within the organization and cross functional teams.
- Self-motivated, passionate individual, comfortable delivering to a deadline in a fast-paced environment.
- Take ownership of project tasks and responsibilities – plan and execute to meet project milestones and deadlines, and customer deliverables.
- Ability to create and maintain strong customer relationships, and to attend and actively engage in high profile meetings with key customers.

Contact

Please submit CV/resume to Alain JUTANT sales@iten.com