

Electronic Hardware Design Engineer

Yerevan, Armenia / Full time

You get the opportunity to learn and grow with a dynamic and creative engineering team, and to engage in interesting and challenging work with the most advanced technologies. We provide you with the support you need to help you develop your career.

POSITION OVERVIEW:

Knightsbridge Wireless Communications (KWC) is the industrial IoT (IIoT) systems solution provider that solely architects the entire IoT project, incorporated with edge computing, AI, Machine Learning and Deep Learning techniques, Cloud networking and end-to-end data security. Company delivers a digital ecosystem solution, enabling OEM partners to efficiently create, build and manage the data driven connected products and systems at the heart of the IoT.

The Electronic Hardware Design Engineer will be responsible for electronics circuit design and simulation, PCB layout design, mechanical hardware and packaging design, hardware/software integration, testing and debugging, participate in evaluation of new components and techniques.

KEY TASKS AND RESPONSIBILITIES:

- Design of mixed low noise analog and digital signal processing circuit for RF/IF system; applications including filters, matching circuit, PCB mounted antenna, etc.;
- Setup, maintenance, and calibration of a test bench with measurement equipment such as multi-meter, oscilloscope, logic analyzer, spectrum and network analyzers, etc.;
- Collecting, filtering, and developing data analysis to facilitate debugging and failure analysis;
- Running performance measurement tests on new devices, analyze data, and generate reports;
- Developing system and module design specifications.

REQUIRED QUALIFICATIONS:

- Master's or Bachelor's degree in Electronic Engineering or related field;
- Experience with analogue/RF and digital electronic circuit design, prototyping and debugging;
- Experience with PCB Fab layout design;
- Understanding of Design for Manufacturing (DFM) concept and its role in product development process;
- Experience with Altium Designer software environment is desirable;
- Strong analytical and problem-solving skills;
- English written communication skills (oral English communication skills are desirable);
- Working knowledge of engineering specification generation process;
- Attention to detail, proven ability to prioritize, meet deadlines, and manage priorities;
- Proven ability to be flexible and work in a team environment;
- Willingness to work outside of normal business hours as needed;
- Ability to work under pressure on multiple tasks and within tight deadlines.

REMUNERATION/SALARY: Highly competitive, depending on the previous experience and skills with benefit packages such as a medical insurance, yearly productivity bonuses, team building and social events.

APPLICATION PROCEDURES: Please send your CV in English to: lucine_stepanyan@kwc-sys.com. In the subject line of your e-mail message, please mention the title of the position you are applying for. Only short-listed candidates will be contacted.