

Hardware Designer

We are seeking an enthusiastic Hardware Designer that has an interest in working in a dynamic and fast paced environment. As a member of our team, you will be exposed to all aspects of product development. Projects will cover a wide range of technologies and challenges.

Established in 1999, SCT is a product development company with industry recognized expertise in wireless and high-speed digital design. In cooperation with our partners, SCT identifies product gaps in challenging applications and vertical markets that are not traditionally well served. Applying high-volume production expertise to our microwave, signal processing, and embedded systems know-how, we deliver solutions to address these shortcomings. Our customers include Tier 1 Test and Measurement, Semiconductor, and Industrial Telecommunication companies.

Duties May Include:

- Product development, covering all aspects of design cycle, from concept to production.
- Circuit and system level simulation and design of high-speed digital (10 Gbps), precision analog, and complex embedded controller applications.
- FPGA/CPLD Design.
- Signal Integrity Design.
- Working closely with embedded firmware developers on bare metal and light-OS applications.
- Schematic capture and circuit layout.
- Bench level prototyping, test, and verification.

Requirements:

- Minimum 3-5 years of design experience.
- FPGA Design.
- Firmware Development experience is desirable, but not mandatory.
- Familiarity with electronics circuit simulation, design, and test.
- Strong working knowledge of simulation tools, lab equipment and hands-on prototyping.
- Familiarity with schematic capture and PCB layout (preferably Altium Designer or Cadence).

Assets:

- Familiarity with Altium, Spice, Labview, Python. and other design tools.
- Self-motivated, enthusiastic, and creative at work.
- Meticulous and organized.
- Excellent written and verbal communication skills.
- An ability to adapt and apply existing skills to new wireless technologies.
- Ability to work collaboratively in a team.

At SCT, you will be working directly with senior engineers who have worked in the wireless industry for 20+ years. SCT provides an excellent and challenging work environment.
