

Hardware Design Engineer

About Paradox

Founded in 1989, we are a multinational manufacturer delivering advanced security solutions to residential, industrial and government customers world-wide, via our ecosystem of exclusive distributors. Our company develops a full range of innovative security panels, motion detectors, interactive touch screens and security accessories which leverage groundbreaking technologies. Paradox is proud of our state-of-the-art, ISO 9001:2008 certified, Canadian manufacturing facility which produces high quality, dependable products.

At Paradox, the workplace is one of innovation, pride and excellence. We are always looking for top-notch, talented and motivated people to join our team.

We are currently looking for a Hardware Design Engineer to be part of a dynamic team. The incumbent will contribute to the realization of research and development projects.

This position includes the following tasks:

- Performs requirement analysis, concept creation, component selection, proof of concept;
- Designs, validates, tests, evaluates performance and transfers electronic circuits to production;
- Supervises the layout process;
- Documents the design related aspects;
- Supports the software development team on the hardware related tasks;
- Supports the legacy products in terms of production;
- Performs other related tasks.

Requirements:

- B.Sc in Electronics or electrical engineering;
- At least 5 years of experience in the field;
- Experience in designing of Analog circuits (modem, current sensing, protection), with power circuits (AC-DC, DC-DC, Charging), and digital circuits design (MCU based, communication);
- Understanding of Communication protocols;
- Basic MCU software skills;
- Must be cost sensitive in circuits designs;
- Must have hands on experience with the design tools: such as Schematics (OrCAD preferred), Layout (PADs / Cadence) and simulation tools;
- Perfectly bilingual;
- Team player skills;
- Ability to take task from A to Z and work in fast changing environment;
- Self-learning skills and highly motivated.

Contact us:

Please send your resume (English and French version) to email address: humanresource2@paradox.com