

## Hardware Design Engineer

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*Paradox Security Systems is an electronics designer and manufacturer in the alarm security industry that for 29 years produced innovative and industry-leading products. We are looking to grow our development team in Canada to work on our next-generation of products.*

### **Experience you have:**

- 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.
- Cost sensitive in circuits designs.
- Hands on experience with the design tools: such as Schematics (OrCAD preferred), Layout (PADs / Cadence) and simulation tools.
- Bachelor's Degree in Electronics or Electrical Engineering.

### **What you will do:**

- Perform requirement analysis, concept creation, component selection, proof of concept.
- Design, validate, test, evaluate performance and transfer electronic circuits to production.
- Supervise the layout process.
- Document the design related aspects.
- Support the software development team on the hardware related tasks.
- Support the legacy products in terms of production.

### **What you can expect:**

- Competitive salary, bonus, benefits (group insurance and RRSP contribution program).
- Modern, comfortable and clean work environment.
- Flexible schedules.
- Free parking, greater Montreal area, reverse of traffic and accessible by public network.
- Great opportunities for career growth.
- See the products come to life in our manufacturing facilities.

### **Contact us:**

Please send your resume to email address: [humanresource2@paradox.com](mailto:humanresource2@paradox.com)

