

Senior Power Supply Design Engineer- Ontario

- Solid background in power supply architectures; Flyback, Resonant, ZVS, Synchronous, Bridging, etc...
- Strong knowledge of magnetics as it applies to inductors and transformers
- Design experience with FETs, MOSFETs, SCRs, TRIACs, IGBTs, Bipolar Transistors, TVS, etc.
- Solid foundation in PCB layout, component placement and routing.
- Able to model and simulate complex circuits
- Experience merging analog and digital designs and making them work
- Signal processing; ADCs, DACs, Op Amps, passive filters, voltage monitoring, current sensing, etc.
- Experience with safety and compliance regulations.
- Familiarity with UL-1741, EN61000, IEEE1547 a def inite plus
- RF or Communication Systems design experience is desirable.
- Firmware programming experience using C and assembly are a plus.
- Must be able to work in a fast pace, cross-functional , group envi ronment.

Responsibilities:

Develop products from concept, through Manufacturing and support them to end of life

- Design, Document, and Validate designs.
- Work with compliance groups to ensure successful completion of certification process.
- Write Engineering Requirements, Test Plans, Validation Reports.
- Effectively collaborate with cross functional teams.
- Take responsibility for schedules, performance and cost objectives.