

Power Electronics Design Engineer

This is a key exciting role with an established and profitable electronics design & manufacturing company. The successful candidate will be passionate about power electronics design of high reliability production ready power conversion and distribution products in the 100W to 3kW power range. Work in this position is focused on both sustainable and new product design, prototyping and validation. If you are passionate about power electronics design and have hands on commercial design experience then send us your resume and a cover letter outlining how your experience and achievements line up with the qualifications, and responsibilities described below.

Responsibilities:

- ▶ Lead sustainable engineering, testing, and documenting of current products for improved reliability, manufacturability, regulatory compliance, and serviceability
- ▶ Design, prototype, test, and document next generation low to medium volume manufactured products
- ▶ Evaluate technologies and qualify components with a focus on reliability, manufacturability, availability, and cost
- ▶ Execute and document product-engineering tasks related to performance, reliability, costing, and design verification testing.
- ▶ Oversee 3rd party regulatory certification of products for international markets
- ▶ Other product development and commercialization duties as assigned

Qualifications:

- ▶ BAsC in Power Electronics Engineering or equivalent
- ▶ Minimum five years of experience in all aspects of switch mode power converter design of topologies rated up to 3000 Watts with a strong focus on design for reliability, DFMA, safety and EMI regulatory certification, and cost
- ▶ Strong system understanding along with product mechanical and thermal design concepts
- ▶ Understanding of industry and certification standards and testing techniques related to power conversion products
- ▶ Experience with both analog and digital embedded control design
- ▶ Demonstrated knowledge of current power electronics industry trends for improved reliability, manufacturability, and thermal design.



THE POWER OF RELIABILITY

- ▶ Demonstrated success, ownership, and continuous improvement of successfully launched power electronics products.
- ▶ Demonstrated success working within a disciplined product development process
- ▶ Good project management skills
- ▶ Excellent communication, documentation, and organizational skills, along with the ability to work closely with others
- ▶ Demonstrated success in continuous improvement of products and working within a disciplined product development process.

Only candidates selected for an interview will be contacted.

ICT is a leading manufacturer of power system products for land mobile radio, fixed wireless broadband and industrial power markets. Our power solutions help improve uptime, reliability and quality of service by providing reliable remotely monitored and controlled power to critical communications equipment. For more information, please see www.ict-power.com.

Interested candidates should send resume and cover letter to:
steve.mallinson@ictcorporate.com