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**Job Title: Electronics PCB Design Engineer**

Power electronics design company in Melbourne's Eastern Suburbs is looking for a talented Electronics PCB Design Engineer.

**Electronics Power Engineer/PCB Designer**

Rectifier Technologies is a global, high-tech company specialising in innovative design and manufacturing of medium and high power conversion modules and systems which service the industrial controls, public utility, mining, telecommunications, and Electric Vehicle (EV) charging markets. We are seeking an experienced Electronics PCB Design Engineer for our Research and Development department. This person will integral in the expansion of the company's switch mode rectifiers (AC/DC), controllers, and the associated system peripherals.

**The applicant must demonstrate experience with and proficiency in:**

- Design and Schematic Capture of Microprocessor Controllers in ALTIUM
- PCB design in ALTIUM for Microprocessor Controllers and Power Electronics designs.
- Must have experience in designing multilayer, high speed and high-density PCB layouts
- Preference to have hands-on Power Electronics with experience working on equipment above 2kW.
- Circuit design and simulations to include power train, control loops, and interface circuits via analogue and digital components
- Mechanical design in AUTOCAD/SOLIDWORKS
- Construction of switch-mode power supply and controller prototypes
- Construction of test rigs and system racks
- Prototype operation, testing and basic troubleshooting
- Product testing and qualification (including EMC/RFI and UL)
- Documentation of BOM, test procedures and work instructions

**Other requirements:**

- Level of experience required 5 to 10 years. This is not a junior or senior role.
- Bachelor of Science Electrical Engineering (4 years) or higher / equivalent experience
- Must be a self-starter, be a team player but require minimal supervision

Must have a visa to work in Australia prior to application.