



## JOB OPPORTUNITY

**POSTING DATE:** June 22, 2006  
**DEPARTMENT:** Engineering Solutions Group  
**JOB TITLE:** Manager, Design Engineering  
**HOURS:** 1<sup>st</sup> Shift, Monday-Friday  
**REPORTS TO:** Director, Engineering Solutions Group

**Purpose:** To manage the design and validation of complex, high-speed, high-availability motherboards and other circuit boards utilized in custom Unix based computer systems. Designs must comply with customer and regulatory requirements including but not limited to safety and emissions.

### Responsibilities:

- Work with Director of Engineering, Sales and Business Solutions Group associates to develop project timelines and project quotes for new design opportunities.
- Work with Director of Engineering to develop project timelines and project quotes.
- Work with Director of Engineering to develop system specifications, project timelines and project budget.
- Assist Director of Engineering with coordinating engineering resources.
- Supervise the completion of technical documentation such as system block diagrams, engineering specification sheets, and validation procedures.
- Work with board designers and regulatory agencies to ensure board layout is specification compliant.
- Provide technical leadership to other Engineers in designing, building, and qualifying designs.
- Supervise the development and validation of firmware for PLCs, PICs, and other common industry devices to support board designs.
- Manage multiple vendors through prototype phase of projects to ensure project completion within timeline and budget.
- Comply with all applicable PDSi quality system requirements.

### Education/Experience:

Bachelor's degree in Electrical Engineering or the demonstration of equivalent work experience. Master's degree required.

Other requirements include: knowledge of computer architecture design, validation and testing; knowledge of Unix/Linux operating systems desired. Must be able to read and interpret schematics, software and other design documentation.

Minimum 10 years work experience required in engineering design and related processes. Minimum three years management experience. High self-motivation and the ability to interface with multiple individuals throughout the organization.