

Senior Hardware Design Engineer

Reach Technology Inc., an advanced OEM design and manufacturing company, has an immediate opening for a Senior Hardware Design Engineer for our Lake Oswego, Oregon office.

We are seeking a creative, well rounded Hardware Design Engineer with expertise in board level digital design and design validation firmware. The ideal candidate will be well versed in graphics technologies (LCD controllers) and embedded platforms.

Responsibilities

- Hardware architecture definition
- Design Specification, BOM generation, Release to Production and ECO documentation
- Schematic capture, interface with layout designer, PCB stack-up generation
- Write low-level software to validate processor-based designs
- Component engineering and sourcing
- Failure analysis and corrective action at the supplier level

Qualifications

- BSEE or equivalent, or exceptional track record of design
- 10+ years experience with a proven mix in digital design including analog periphery components
- Microprocessor-based design experience, ARM processor family a plus
- Understanding of signal integrity issues, worst case timing and power analyses and Design for Manufacturability and Testability
- Experience with ORCAD or equivalent schematic capture tools
- Experience with generating "manufacturing-ready" Bill of Materials such that designs can be built in an efficient and timely manner.
- Proficiency with oscilloscopes, logic analyzers, and other appropriate test and measurement tools
- Proficiency with microprocessor software development tools and debuggers for hardware validation
- Excellent troubleshooting and root-cause-analysis skills
- Great written and verbal communication skills
- Must be comfortable in a highly dynamic start-up environment
- Must be able to work independently, making appropriate decisions, seeking input when needed
- Manufacturing test-fixture design experience a plus

Title: Senior Hardware Design Engineer

Annual Salary: Competitive, Dependent on Experience

Benefits Include: Medical, dental, QRP retirement plan

Tax term: Full time

Location: Lake Oswego, Oregon

Expected travel: None.

Consideration: All qualified candidates are encouraged to submit a resume to jobs@reachtech.com. No phone calls please. Reach Technology is an EOE and supports a drug free workplace.