

Senior Hardware Design Engineer – Grass Valley, CA

TechniQuest Associates, a leading provider of embedded product solutions, is seeking a talented and innovative Senior Level Hardware Design Engineer with embedded microprocessor design experience. This position is located in Grass Valley, CA. TechniQuest offers engineers the opportunity to develop a broad range of state of the art, innovative products. TechniQuest's client portfolio includes innovative new medical, industrial, and consumer products for Fortune 500 to start up customers

Qualifications

- BS in Electrical Engineering, Computer Engineering, or related Engineering discipline is required.
- 5+ yrs experience designing hardware for embedded processor platforms
- Strong background experience using Logic analyzers, Oscilloscopes, and JTAG debuggers
- Experience designing electronic assemblies for low cost, high volume production
- Experience with Design for Test (DFT) and Design for Manufacturability (DFM) principles
- Experience designing electronic assemblies to meet CE and FCC compliance
- Experience using OrCAD Capture and Layout tools is highly desired
- Experience with ARM, PowerPC, ColdFire and x86 based microprocessors is highly desired
- Experience coding in C and assembly language for microprocessors is highly desired
- Experience with VHDL or Verilog design coding is a plus
- The candidate must be capable of engineering for correctness, size, performance, low power consumption, maintainability, flexibility, and reliability.
- Strong communication skills
- US Citizen

This position is located in Grass Valley, CA.
Please send resume to careers@tqa-inc.com.