



Sr. Digital Hardware Engineer

Position is located in Henderson, Nevada

VadaTech seeks a professional, innovative and detail-oriented individual to assist in Hardware Design Verification of its new products (DVT), troubleshoot RMAs, and assist on general hardware debug and board bring up stages. This position will be responsible for hands-on technical functions in support of engineering activities such as test, and verification of complex digital electronic circuitry. The candidate must be willing to relocate. (Some relocation assistance provided)

- Must have knowledge of digital systems including at a high level how microprocessors, power conversion, control circuits, and high-speed data/clock lines operate.
- Familiar with basic communication buses such as I2C/IPMBus, JTAG, RS-232, SPI, etc.
- Must have an understanding of electronic circuits and excellent debugging skills.
- Experience in hardware prototype bring-up, debug, fault detection, failure analysis and yield improvement is a plus. Will need to work with HW/SW engineers to debug and verify product features using engineering documents, specifications, and design files (schematics and layout).
- Troubleshooting of electronic boards/components with associated test equipment (oscilloscopes, sampling scopes, electronic load boxes, spectrum analyzers, etc.) is a must
- Able to document test procedures and reports and also maintain ECO documentation during prototype debugging.
- Must be familiar with reading schematic documents and files as well as using layout tool to aid in troubleshooting during board bring up or RMA cycles.
- C programming experience
- Must have good working familiarity with Linux and shell scripting languages

Qualifications

- B.S.E.E. required.
- 7+ years of experience in digital systems.
- Experience with prototyping solutions and bench testing methodology.
- Should be a team player with excellent communication skills and the desire to take on diverse challenges.
- A complete understanding of digital and analog circuit design and theories is required and expected.

- Individual require experience in troubleshooting and repairing Microprocessor-based boards without any supervision.