Hardware Design Engineer

SUMMARY

Grandstream Networks, Inc. is one of the Top developers and manufacturers of innovative, high quality and mass-affordable IP telephone and video products for broadband networks. Grandstream has become a major world-wide supplier of IP telephony and IP video CPE terminal products and solutions in the rapidly growing global telephony market.

RESPONSIBILITIES

The Hardware Engineer will support hardware design, verification and diagnostics for next generation IP voice/video telephony products and IP Surveillance systems.

Essential Duties and Responsibilities include the following. Actual duties and responsibilities may vary as a result of corporate directives, departmental objectives and special projects, in addition to the duties outlined below.

- Electronic component research and vendor review/evaluation
- Analog and digital circuit design,
- Schematic capture and instructions for PCB layout
- Support EMI/ESD testing and compliance
- Manufacturing problem analysis and resolution
- Hardware performance testing and design verification for audio (IP phone & gateway), video and surveillance products
- PSTN hardware interface verification & test using various industry test sets (PCM4, Rochelle)
- Diagnose units returned from customers and provide suggestions to design team
- Modify prototype hardware in support of hardware & software problem investigation
- Manufacturing test design

QUALIFICATIONS

- BSEE with 7+ years experience in digital and analog (audio) hardware
- Excellent debugging and problem solving skills in bringing up new hardware quickly, comfortable to debug at board level using logic analyzers, oscilloscopes and spectrum analyzers.
- Familiar with telephony hardware interfaces (SLIC, DAA).
- Enthusiastic, self-motivated and cooperative attitude
- Chinese speaking is highly desirable, but not mandatory

Adaptability - Adapts to changes in the work environment; manages competing demands; changes approach or method to best fit the situation; able to deal with frequent change, delays, or unexpected events.

Dependability – Completes tasks on time or notifies appropriate person with alternate plan.

Initiative - Looks for and takes advantage of opportunities.

Judgement - Exhibits sound and accurate judgment; supports and explains reasoning for decisions; includes appropriate people in decision-making process.

The position is located in Plano, TX (Dallas Area).
Please email your resume to hr@grandstream.com