

JOB DESCRIPTION

TITLE: ELECTRONICS DESIGN ENGINEER

REPORTS TO: DIRECTOR OF ENGINEERING

PRIMARY FUNCTION:

Primary responsibility will be development on new and existing hardware and software for smart televisions and related products from concept to mass production.

- Designing circuit board assemblies using schematic capture software
- Developing/maintaining software running on Windows, Linux, Android, or embedded controllers
- Participating in integrated product teams in the role of developer.
- Communicating project goals, schedules, measures, and product related topics to internal departments and external contractors.
- Preparing product specifications, technical drawings, and reports.

KNOWLEDGE AND EXPERIENCE:

- Four year degree in Electrical Engineering or Computer Engineering
- 2+ years' experience with embedded systems designed for mass production
- Experience with embedded system software design including assembly, C/C++, and Java languages
- Experience with embedded system circuit design using schematic capture software
- Experience generating concise technical specifications and communicating to internal and external associates
- Experience with Linux is a plus.
- Experience with RF, ethernet networking, and television technology is a plus.

RESPONSIBILITIES INCLUDE:

- Soldering circuit board assemblies and cables.
- Testing and validating product operation, ensuring compliance with specifications, agency standards, and customer requirements.
- Supporting sales, marketing, service, and manufacturing with technical product knowledge and troubleshooting.
- Creating electrical testing standards and documents for internal processes.
- Participating in team projects to increase efficiencies, reduce costs, and continuously work to improve processes in the Company.
- Maintaining electrical equipment and servers.
- Maintaining knowledge of the latest engineering technologies in electronics design
- Occasional domestic and international travel.
- Other duties as assigned/required.

MANAGEMENT RESP:

N/A

Original Author: Jon Smith Date 2-17-2022

HIR-620-J26

Approved By: Lou Vilardo Date 2-17-2022

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