

JOB DESCRIPTION

TITLE: Electronics Manufacturing Engineer
DEPARTMENT: Electronic Manufacturing
REPORTS TO: VP of Operations

Wohler Technologies Inc. is a leading manufacturer of sophisticated audio and video monitoring products in the broadcast industry. With strong brand recognition coming from being a leader in the business for more than 35 years, Wohler uses cutting-edge technology to serve our customers' constantly evolving needs. We're looking to welcome a strong Electronics Manufacturing Engineer to join us on our exhilarating journey towards greater excellence.

The Electronics Manufacturing Engineer is responsible for managing Printed Circuit Board Assemblies (PCBAs) during both the new product introduction phase (NPI) and the active operational lifecycle of Wohler's products. The ideal candidate will be experienced in testing and troubleshooting PCBs at the component level. They will assist manufacturing in both executing and optimizing production workflows, resolving electrical and mechanical problems along with technical issues associated with PCBA's for prototype builds, and products being built at our contract manufacturer.

Primary Responsibilities:

- Debug, troubleshoot and help bring up PCBA's, and recommend and implement improvements or fixes.
- Root cause, document and resolve issues with existing manufacturing processes.
- Design, build and test aspects of the manufacturing processes including tooling, documentation and process qualification for embedded microprocessor-based audio and video broadcast monitoring products.
- Work with engineering, design, and test to verify and validate designs of products.
- Support manufacturing, test and debug of prototype builds for engineering
- Liaison between manufacturing and engineering.
- Responsible for NPI from engineering or an OEM.
- Create and update assembly and test procedures.

Key Deliverables:

- Develop long range test improvement plan for existing products to increase yield, improve quality and reduce process time.
- Design and have manufactured and qualify new tooling for new manufacturing processes. Provide data showing repeatability and reliability of process and identify and implement ongoing processes data monitors.
- Be involved in hardware design reviews to ensure the design meets DFM standards.
- Work with hardware, mechanical engineering, and operations to identify suppliers for components on new designs and alternate components on existing designs.
- Run regular status meetings with Contract Manufacturers to resolve issues and keep status of implementation.
- Audit existing manufacturing processes (SMT, Box Build and Test) and submit risk analysis and mitigation suggestions.

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Qualifications and Experience:

- BSEE, MSEE or equivalent
- At least one year of experience in manufacturing engineering, automation, HW development, or programming
- Electronics debugging experience required
- Experience with SMT, reflow and box build of electronic assemblies
- Linux experience preferred
- Strong interpersonal and problem-solving skills
- High level of enthusiasm
- Ability to be a self-starter and to also ask for help as needed
- Experience working in a team-based environment, but also able to work independently
- Experience working across multiple departments and multiple companies to accomplish goals

Benefits:

401K, Dental, Life, Medical, Vision

Wohler is an equal opportunity employer