



Example of Electrical Hardware Engineer Job Description

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Our company is looking for an electrical hardware engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for electrical hardware engineer

- Utilize DFMEA/DSS to ensure component and system level quality
- Support program specific Product Development Teams
- Provide technical support to Nexteer manufacturing plants
- Provide technical support to Nexteer suppliers
- Support development build and test activities
- Support DV/PV testing including root cause analysis of test failures
- Support component PPAP
- Create DFMEAs based on core documents and participate in DFMEA reviews
- Support meetings/presentations internally and with customers to discuss electrical designs and diagnostic implementations
- Exploration of new technologies to meet future interactive display and control panel needs of the corporation

Qualifications for electrical hardware engineer

- The ability to write software, scripts, automation and GUIs to do testing for design verification purposes
- The skills to modify and write so low level code and firmware to test and verify designs
- The knowledge, intellectual flexibility and interest to work on analog circuits, power circuits, digital systems and RF designs
- The skills and knowledge of physics to work with any type of measurement instruments and to be able to interpret and understand the meaning of

- Understanding of Wi-Fi standard (802.11) and protocols and other IoT radio protocols