



Design & Release Engineer – High Voltage Devices

Bollinger Motors is looking for a full-time Engineer to work as a Design & Release Engineer for High-Voltage devices on the Bollinger B4 program. In this role, you will work with the electrical engineering team to specify, design, and validate High-Voltage devices including power converters, power distribution units, and accessory devices. This position reports to the HV/LV Manager and is an in-person role at the company's Oak Park, MI headquarters.

Essential Duties & Responsibilities

- Lead component requirements, design/selection, and validation plan for various high-voltage devices including On-Board Chargers, Power Distribution Units, and Low-Power Accessory Devices
- Assist in vehicle-level thermal and electrical modelling and simulation.
- Work with the Battery, Thermal, Harnessing/EDS, Controls, and Chassis teams to define integration strategy, requirements, and validation plan of above devices in the respective systems.
- Create necessary supporting documentation relating to and including DFMEA, PFMEA, and DVP.
- Work with suppliers to ensure that component specifications and timing expectations are met.
- Support hands-on integration, testing, and troubleshooting of above devices on test benches and prototype vehicles.
- Identify and execute design and process improvements based on previous build and test data.

Education, Skills and Knowledge

- Bachelor's Degree in Electrical Engineering or similar degree required; Master's Degree preferred.
- 3+ years of OEM or Tier 1 experience on HEV, PHEV, or BEV platforms.
- Experience with high-voltage power converters and component design and specification.
- Experience working in structured engineering process including definition of requirements and objective function, concept creation, market analysis for components, analyzing options, and making final engineering decisions.
- Self-starting and ready to work with a small team in a fast-paced, startup environment.

Email resume to careers@bollingermotors.com

ALL APPLICANTS MUST BE AUTHORIZED TO WORK IN THE UNITED STATES

BOLLINGER MOTORS

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