HW Senior Electrical Engineer (HV) 资深高压电子工程师（芜湖）

あなたの仕事内容

Responsible for:

1. Develop high-voltage power circuits including DC-DC, DC-AC and PDU or BMS; conduct topology design(eg:LCC,CLCC), parameter calculation, schematic capture, component specification and PCB layout review.
2. Perform device characterization, prototype testing, bench debugging, thermal analysis, protection logic verification (overvoltage, overcurrent, short circuit, reverse connection, pre-charge).
3. Evaluate power semiconductor devices, passive components, contactors, fuses, current/voltage sensors; carry out component qualification and alternative part selection.
4. Keep track of Automotive standards for high-voltage power electronics, update design specifications and implement compliance requirements.

Support for:

1. the EMC product test, vehicle testing and verification for customers
2. System and failure analysis of the specific products as well as support of analysis of linked departments
3. Clarification of technical details & requirements, internally as well with OEM, provide technical support to the customer
4. the preparation for production and SMT line.
5. Review Development Master Test Plan (DMTP)

あなたのプロフィール

1. Bachelor’s degree or above in Electrical Engineering, Power Electronics or related disciplines.
2. 5+ years hands-on experience in power electronics hardware development, familiar with DC-DC, DC-AC inverter and PDU products.
3. at least working two projects that in DC-AC inverter to SOP also With DC-DC project to SOP is better
4. at least attend the EMC debug process and debug byself in the project development

オファー

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