Our company is growing rapidly and is looking for a hardware engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for hardware engineer

- Maintain and update the diagnostic, verification and calibration suite of software
- Debug and analyze new designs
- Bring-up final designs
- Perform Sustaining engineering on established products
- Support the internal engineering and operations teams the field teams and customers
- Responsible for evaluating, analyzing and understanding engineering problems or requirements, then helping Sourcing and Procurement find and approve components that resolve the requirement or problem
- Interface with Engineers, Category Managers and Manufacturing to establish testing criteria of mechanical and active and passive electronic components
- Write Engineering Change Notices (ECN) for adding approved vendors to prints
- Analyze technical data, designs preliminary specifications, manufacturing limitations, supplier facilities and availability of parts and equipment with on-time deliveries within scope of authority
- Perform board redesigns with new parts, as necessary, to maintain the current level product functionality

Qualifications for hardware engineer

- Ability to communicate effectively (internally) with all engineering disciplines,

- Bachelor's Degree in Electrical Engineering, Physics or equivalent experience required
- 2 years' experience in power electronics development in the area of motion control systems and/or industrial power conversion equipment or equivalent graduate level course study
- Demonstrated proficiency in the use of modeling tools, Matlab/Simulink, Simplorer, LTSpice, Maxwell
- Detailed oriented in the organization of documentation related to design concepts, validation, and product release requirements
- Ensure the printed circuit boards fulfil required technical specifications