Job Title: **Power Supply Electrical Engineer**

Company Overview:

Ventiva, Inc. is an electronic component manufacturer poised to launch its inaugural product into the active thermal management market. Ventiva's solid-state air solution, ICE, is a groundbreaking advance over the previous cooling technologies used in electronic devices. ICE technology removes heat in small form-factors. It is an enabling technology for future electronic device designs where current thermal management solutions fail. It is silent, vibrationless, stable, and a solution capable of being designed into laptops, TVs, and more by the world's largest OEMs. As we embark on this exciting journey, we are seeking a dynamic and experienced professional to join our team as a Power Supply Electrical Engineer.

Job Summary:
As a Power Supply Electrical Engineer, you will report to the VP of R&D and design high voltage (KV), low current (micro-amp) power supplies for deployment in high-volume consumer electronics applications. Having an integral role in the development of the power supply makes this a pivotal job to ensure that our electronic systems meet and exceed the highest standards of quality, reliability, and performance.

Key Responsibilities:
1. Develop, build and debug power supply circuits to support internal testing and development.
2. Design, build, test and implement monitoring circuits to support device and system level testing.
3. Design, build, test and implement feedback and control circuits to support device and system level testing.
4. Accountable to develop and execute development plans and timelines and delivering to those plans.
5. Coordinate with development and test development engineers to design products for a robust total device solution.
6. Test, troubleshoot and repair failed or inoperable power supplies, monitoring stations and control circuits.
7. Coordinate with suppliers or customers to design, develop and test subsystems, components or complete systems.
8. Apply structured problem-solving techniques including, design of experiments, root cause analysis, DMAIC, DFSS, failure mode and effect analysis, SPC and statistical analysis techniques to resolving customer issues and problems.
9. Write and present technical reports on design, documentation and development activities.
10. Provide guidance during technology transfer to development partners and licensees, including documenting key process or material specifications and quality requirements.

Qualifications:

- BS in electrical engineering or related technical degree.
- Relevant power supply experience, including but not limited to isolation, high-voltage, semiconductor integration and packaging.
- 5 years' experience or more in personal computer, consumer electronic or other electro-mechanical device industries.
- Talented team player with strong verbal and written communication skills.
- Experience with structured problem-solving techniques such as; design of experiments, root cause assessment, FMEA and statistical analysis.
- Hands on experience with Altium Designer or equivalent, with a successful track record of delivering electronic circuits, systems, or devices into volume manufacturing.
- Must be self-motivated, independent, and able to exercise judgment, take initiative and manage time.
- Ability to adjust quickly to shifting priorities and tolerate ambiguity.

Ventiva, Inc. is an equal opportunity employer, and we encourage candidates of all backgrounds to apply.

Salary Range: $150K - $190K

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