

Field Application Engineer in Power Electronics

CISSOID is a leader in power semiconductor solutions, delivering multi-phase, high-current power switching modules, motor control systems and software, across a wide range of power requirements. Our solutions range from system-on-chip to complete Silicon Carbide (SiC) and Gallium Nitride (GaN) based inverter reference designs, supporting an ever-growing range of e-mobility and high-power applications. Our leadership and expertise in extreme high-temperature semiconductors, high-reliability solutions, and packaging allows us to address the ever-increasing power density challenges across a diverse range of markets.

Join the crew of Cissoid, a company with strong technology leadership in its market, and participate to the development of the next generation of power converters and motor drives based on SiC and GaN technologies. To support its customers in the use of SiC/GaN gate driver boards and Intelligent Power Modules (IPM), CISSOID is hiring a **Field Application Engineer** experienced in Power Electronics:

Duties

- Visit, train and support customers in the use and integration of SiC/GaN Driver boards and Intelligent Power Modules (IPMs).
- Help and support customers in the development, testing and debug of power converters and motor drives.
- Get understanding of customers technical requirements and report to Marketing for new products definition.
- Accompany CISSOID Sales team during customer visits.
- Participate to technical conferences and trade-shows together with CISSOID sales team.
- Interact with electronic design engineers in the definition, design, verification, and documentation for new gate driver boards.

Experience

- Electrical/Electronic Engineer with 10+ years demonstrated experience in the successful design of electronic hardware and PCB's with exposure to Power Electronics design issues (e.g. EMC, magnetic components, thermal and mechanical aspects...)
- Must possess expertise in PCB technologies with a comprehensive understanding of the complete life-cycle process (cradle to grave) associated with HW products.
- Hands-on experience in the design and test of gate drivers, DC-DC converters and/or power converters.
- Knowledge and ability to use the PCB design tools environment (e.g. Altium)
- Past experience as Field Application Engineer is a plus.

Skills

- Excellent problem solving and analytical skills.
- Demonstrated ability to perform electronic hardware product development and debug.
- Adhering to schedule, cost and quality objectives is of real importance to you.
- Ability to work in a multithreading, dynamic and challenging environment.
- You are a self motivated professional able to work alone or as part of a multicultural team.
- You are motivated to travel.
- Excellent communication skills.
- Fluent in English, both written and spoken.

Offer

- CISOID offers a challenging job with an attractive salary including bonus based on company objectives and compensation benefits.
- CISOID offers a multicultural work environment. Candidates with multiple competencies liking multi-tasking will find working at CISOID a very enriching experience.
- The job is also open to freelance engineers with the possibility to partly work remotely.

Location

- This position will be located in Mont-Saint-Guibert, Belgium (30 km south of Brussels).

Contact

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