



CISSOID

**The leader in high temperature
semiconductors for demanding markets**

Job Opening: **Analog IC Design Engineer**

CISSOID is the leader in high temperature semiconductors for demanding markets. With a focus on the Automotive Market we deliver solutions for efficient power conversion and compact motor drives: high voltage gate drivers for SiC & GaN transistors, Power Modules featuring low inductances and enhanced thermal performance, and automotive grade components rated at 175°C in excess of the AEC-Q100 Grade 0 qualification standard.

Join the crew of Cissoid, a company with strong technology leadership in its market, and participate in the development of IC's in an enthusiastic team. For the development of new high-end Gate Driver Integrated Circuits for Silicon Carbide (SiC) and Gallium Nitride (GaN) power transistors, CISSOID is hiring **Analog IC Design Engineers**:

Duties

- Definition, design, verification, and documentation for IC development.
- Determines architecture partitioning, logic and transistor-level design, verification and system simulation.
- Evaluates and takes part in all aspects of the process flow from high-level design to synthesis or schematic capture, layout, power and size estimations, packaging and reliability.
- Defines test and qualification strategy, identifies and recommends equipment's and software to conduct experimental tests and evaluates results.
- Accountability for complete product verification and production test support.
- Takes part in the design, layout and test operations.
- May provide technical consulting support to design team, marketing team and customers concerning Semiconductor/IC device/component design issues.
- May have regular contacts with customer in the frame of ASIC design

Experience

- Electrical/Electronic Engineer with 5+ years demonstrated Analog transistor-level experience in the successful design of Analog ICs in CMOS with exposure to Analog Mixed Signal in a semiconductor company.
- Must possess expertise in transistor Analog IC technologies with a comprehensive understanding of the complete life-cycle process (cradle to grave) associated with IC products.

- Hands-on experience in the design and test of gate drivers, DC-DC converters, linear regulators, voltage references, amplifiers and comparators is a plus though not mandatory
- Knowledge and ability to use the analog design tools environment (such as Eldo, Calibre, Tanner and/or Cadence, ...)

Skills

- Excellent problem solving and analytical skills.
- Demonstrated ability to perform system-level to transistor-level product development.
- 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 concerned about innovation and efficiency leading to improving your operations.
- You are a self motivated professional able to work alone or as part of a multicultural team
- You are able to translate general instructions into detailed implementation and take your responsibilities.
- Fluent in English, both written and spoken

Offer

- CISSOID offers a challenging job with an attractive salary including bonus based on company objectives and compensation benefits.
- CISSOID offers a multicultural work environment. Candidates with multiple competencies liking multi-tasking will find working at CISSOID 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

CISSOID S.A.

Rue Emile Francqui, 3

1435 Mont Saint-Guibert

Belgium

E-mail : jobs@cissoid.com