



LEM – “At the Heart of Power Electronics”

LEM is the global leader in providing innovative and high quality solutions for measuring electrical parameters. Its current and voltage transducers are used in a broad range of applications in industrial, traction, energy & automation and automotive markets. LEM is a high growth global company with approximately 950 employees worldwide. It has production plants in Geneva (Switzerland), Copenhagen (Denmark), Machida (Japan), Beijing (China) and regional sales offices close to its customer's locations. LEM has been listed on the SIX Swiss Exchange since 1986; the company's ticker symbol is LEHN.

**We are looking for our team in Geneva, Switzerland, a
Mechanical Designer**

Job purpose

He or she will be in charge of mechanical design of new products dedicated to our Automotive Division.

Job Location

Geneva, Switzerland.

Reports to

LEM Automotive R&D Manager

Key accountabilities

His/her excellent general technical design expertise allows him/her to find innovative and cost effective design solutions for transducers used in Automotive power electronic applications.

He/she will be in charge of the complete mechanical design using reliable manufacturing processes.

He/She should perfectly design plastic parts, should know ferromagnetic materials behaviours, and should be in position to design metallic assemblies.

He/She will be in direct contact of customers and suppliers mainly in Asia (Japan, China, Korea).

He/She will use best with engineering practices, and bring designs to successful completion (on time, at the right cost and quality level requested by the automotive market),

Key personal characteristics:

- o Has a good awareness of Automotive applications, ideally dealing with Power Electronics (Battery Management, inverters, drives, DC/DC conversion).
- o Takes decisions & proposes technical solutions based on his/her R&D experience.
- o Works with a team of partially dedicated resources.
- o Manages his/her design from the pre-study to the supplier selection and the final tuning in close cooperation with his team and customers.
- o Is the natural contact person for new and innovative designs.
- o Likes to work in an international environment and culture.

Skills and professional background

- o Engineering University degree (or similar) ideally with good background in the field of mechanical design (Plastic parts) for automotive applications.
- o Must be fluent with 3D CAD system. Experience of finite element simulation tools will be appreciated (Stresses and/or magnetic fields).
- o Good practice of design quality tools as FMEA, Design to cost, Functional analysis. The knowledge of 6 sigma tools will be appreciated.
- o Good awareness of measurement concepts (Accuracy, Linearity , Drifts due to environment)
- o Good awareness of process & logistic issues key for a product success (i.e. purchasing & supplier).
- o Easy-to-work with his colleagues and team from other cultures (China, US, Japan).
- o Fluent in spoken and written English, French and/or Japanese will be appreciated.

Compensation: Compensation will be based on qualifications and experience and will include a base salary, benefits and performance incentives.

Date of Employment: Immediately.

For further information, please contact:

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