



To support our team located in **Bascharage, Luxembourg** we are currently looking for an:

## Electronic Systems Engineer

### Main Duties and Responsibilities:

Responsible for customer requirements management, translation of customer requirements in to detailed product requirements, and compliance testing for power electronics controllers (Inverter, DCDC, On-board Charger).

#### Main duties:

- Interface with European customers to evaluate and specify power electronics controllers (Inverter, DCDC, On-board Charger...)
- Generates Formal Analysis Report.
- Generates Product Definition Document (detailed product requirement)
- Generates power electronics controllers design concept (Product Mechanization).
- Generates product functional test plan (compliance testing)
- Perform product functional testing on test bench and car.
- Support customer test and validation programs.

#### Essential requirements:

Education: 4 or 5 year University degree in Electrical Engineering

#### Work experience / Skills

- Big picture thinker with an eye for details
- Understanding of vehicle electronic requirements and power electronics systems requirements ( electrical machine control)
- Experience in real-time embedded system design
- Strong communication skills are essential
- Previous experience in automotive powertrain/power electronics is a benefit
- Good foundation knowledge of both hardware and software

#### We offer:

- Integration in an international environment with ample career progression perspectives
- Training and development opportunities
- Competitive compensation & benefits package

Please send your CV in English, including personal data protection clause to: [irem.harinkoc@delphi.com](mailto:irem.harinkoc@delphi.com)