



In Search Of Power!

Since 2010, our customers in the industrial, automotive and biomedical market have inspired us to create, manufacture and deliver advanced power conversion ICs for specialty markets, including high-frequency, high-voltage, high-power and high temperature applications.

MinDCet is continuously looking for highly motivated people with the right mindset to enforce our fast-growing team.

Your Job: IC Characterization Engineer

MinDCet is looking for an IC Characterization Engineer to join our team in Leuven, Belgium.

In this role, you will perform characterization of Integrated Circuits. You will carry out measurements, analyze the results and work together with our IC designers to understand and improve the performance of our devices.

Your responsibilities

- Set up and perform electrical measurements on ICs, wafers and packaged devices
- Develop and execute characterization plans
- Analyze measurement results and identify unexpected behavior or performance limitations
- Develop scripts and automated measurement setups for production testing
- Document measurement results and prepare characterization reports
- Work closely with IC designers to understand and debug silicon behavior
- Support device qualification
- Contribute to the development and improvement of MinDCet's measurement capabilities and laboratory infrastructure

Your profile

- Master's degree in Electrical Engineering, Electronics or a related field
- Good understanding of analog and power electronics
- Practical experience with laboratory tools such as oscilloscopes, power supplies and other lab equipment
- Hands-on and comfortable building, modifying and debugging test setups, including basic work with a soldering iron, screwdriver and other workshop tools
- Able to design and build measurement setups, including both hardware and software
- Experience with measurement automation and scripting, for example Python or MATLAB
- Experience with PCB design, preferably using Altium Designer
- Able to interpret measurement data and translate results into useful feedback for IC designers
- Hands-on mentality and willingness to work in the laboratory

What we offer

- A challenging job in a young growing high-tech international environment
- the opportunity to take ownership of your passion in order to contribute to the success of a young and growing company
- Projects for challenging applications in automotive, industrial, medical, aerospace and space
- an enjoyable, team-oriented and professional atmosphere
- versatile development and growth opportunities
- an attractive remuneration package and extra benefits
- regular team activities

Interested?

If you are interested in this position, upload your application, including a CV and cover letter, under the job posting at mindcet.com/careers

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