

Position EDE_2020– Electrical Design Engineer

Reference: ENG_EDE_2020

Collaborator sought for a **full-time position** with the R&D team of Omnidea in Portugal as **Electrical Design Engineer**.

You will need to have a strong background in electronic design with experience in power electronics and brushless motor control.

Responsibilities

- Development of concepts and designs to meet customer and/or internal requirements, taking the product through design and development to production.
- Modification and enhancement of existing brushless motor control designs to meet customer requirements.
- Design and test of new high voltage motor control systems.
- Design and build of test equipment.
- Documentation of work.
- Circuit schematic capture and layout of PCBs (both low and high voltage stages) using PC software tools.
- Involvement in component selection and component obsolescence issues.

Minimum requirements

- Engineering degree.
- At least 3 years of relevant work experience
- Proven experience in power electronics and motor control.
- Proven knowledge of PCB design using commercial tools.
- Fluent in English.
- Candidates must be EU nationals or permanent residents,
- Knowledge of leading electronic projects from concept through to production.
- Knowledge of design for manufacture and design for test.
- Knowledge of embedded systems and use of microcontrollers.

Place of Work: Monte da Caparica, **Lisbon region**, Portugal

Application:

Applicants should submit their **CV** (Europass format) and a **cover letter** explaining their motivation for applying and how their profile fits the job requirements advertised. **Applications not fulfilling all the minimum requirements may not be considered.**