



## JR. APPLICATIONS ENGINEER (f/m)

**LOCATION:** Heidelberg, Germany

**EMPLOYEE TYPE:** Fulltime

Allegro MicroSystems, is a leader in developing, manufacturing and marketing high-performance semiconductors. Allegro's innovative solutions serve high-growth applications within the automotive market, with additional focus on office automation, industrial, and consumer/communications solutions. Allegro is headquartered in Worcester, Massachusetts (USA) with design, applications, and sales support centres located worldwide.

We are seeking an Applications Engineer to join our Technical Centre in Heidelberg, Germany.

This position is targeted at a professional at the start of their electronics career, who is eager to learn and build up expertise in the field of magnetic sensors. You will work closely together with a senior application engineer to provide professional support to key German and European customers as well as to drive the definition and development of new current, linear and angle sensor products and technologies. One focus topic will be magnetic FEM simulations.

### **Responsibilities:**

- Provide technical support to customers and OEMs through magnetic simulations and lab measurements.
- Act as technical interface to customers for the design-in of new custom and applications specific products.
- Review customer specifications and work with in-house personnel to define new current, linear and angle sensor products.
- Write technical documentation such as technical reports, datasheets and applications notes.

### **Desired skills and expertise:**

- BSc/MSc degree in Electrical/Electronics Engineering (or equivalent).
- Experience with FEM simulators like i.e. Ansys Maxwell.
- Knowledge of semiconductor physics and/or mixed-signal circuit design.
- Experience in programming (Matlab/Simulink, Verilog, C++, LabWindows).
- Team-oriented working style in an international environment.
- Fluent in German and English (oral and written).

We look forward to receiving your detailed application online on the Allegro MicroSystems website: [www.allegromicro.com](http://www.allegromicro.com).

Allegro is committed to equal opportunity employment.

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