

DATAMARS

ABOUT DATAMARS

Datamars is the global leader for high-performance unique identification solutions, specializing in radio frequency identification (RFID) for the animal, livestock and textile identification markets. Our expertise, track record of technological innovation and profound understanding of customers' needs have earned Datamars a reputation for unsurpassed quality and performance. Datamars employs more than 900 people with offices in Europe, Asia, and the Americas. Datamars is a private company, headquartered in Bedano, Switzerland. For more information, please visit www.datamars.com.

To reinforce our UHF and LF electronic team, we are searching the following position:

UHF & LF RFID Engineer

KEY RESPONSIBILITIES

Within the R&D Department, the **UHF/LF Engineer** will have the responsibility to design, implement, test and characterize RFID transponders in UHF (800-1'000MHz) and LF (100-150kHz) frequencies.

The candidate will reinforce the existing electronic team and he/she will work in close collaboration with all departments, in the Head Quarter and the subsidiaries, to follow the development phases from the initial feasibility until the final industrialization and release of the product.

An important part of the activity will be in product testing, characterization and validation, including reporting and documentation.

Working place: Headquarter in Bedano (Switzerland)

MAIN DUTIES

- Design, development, test and characterization of RFID transponders in UHF (865 ~ 930 MHz) bandwidth
- Optimization and improvement of existing UHF and LF products, mainly for life cycle management, cost reduction and/or customization
- HW design and development of RFID transponder testing system
- Test, qualification and validation of new products and/or products from the market (benchmark), including reporting and documentation
- Support and knowledge transfer during the products' industrialization phases.
- Intense cooperation with other departments: Production, Quality, Purchasing & Product Management

REQUIREMENTS

- Engineering degree in electronics Telecom or equivalent
- 5 or more years of experience within UHF development and/or RFID systems
- Working knowledge of RFID antenna design, preferably in UHF
- Experience in product requirements' analysis and definition
- Proactive attitude and independent in his/her work
- Precise and systematic execution, well organized, applying working methods and procedures
- Availability to travel during industrialization phase in order to ensure knowledge transfer to production units
- Driving license
- Fluent in English

Are considered an advantage:

- Experience in manufacturing process of RFID devices
- Sound competences in UHF antenna design and SW-simulation

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- Extensive experience in project management
- Basic Experience in Matlab and/or other programming languages (i.e. C)
- Basic Knowledge in statistics
- Fluent in Italian and/or German

WE OFFER

- Exposure to an international environment
- Possibility to make a difference for the entire company with technical innovative competences
- cross functional responsibility
- Dynamic work environment
- Competitive remuneration

Does this position meet your interest and do you have the requested skills? Then please send your complete application with motivation letter, CV, references to recruiting@datamars.com and mention your name and "UHF&LF RFID Engineer" in the subject line.

Applications that don't fulfil the requirements will not be considered for the selection.