
ENGINEER/SENIOR ENGINEER – RADIO FREQUENCY APPLICATION ENGINEER



ROLE SUMMARY:

Responsible for all Engineering aspects related to Integrated Solutions RFID products and solutions.

Design, testing and calibration of rugged RFID tags. Responsible for all product development and program management activities.

Lead benchmarking of competitive products. Direct involvement in testing and validation of finished RFID tags and components.

GENERAL RESPONSIBILITIES:

- Program management for all Integrated Solutions products (CAIP and APLS processes)
- Interacts with customers and suppliers for concept development and advancement as new product opportunities become available
- Product design / development responsible
- Coordinates with operations and processing for product samples and tryout runs
- Develops or contributes to product or component quality & performance specifications
- Performs and coordinates product validation testing (DVP&R), develops new testing criteria as necessary
- Uses various design tools and techniques such as APQP, DFM/A, VA/VE, D/PFMEA, DOE & others
- Provides input and assistance to manufacturing engineers for product secondary equipment.
- Keeps up-to-date with new RFID technology and products and looks for ways to leverage new technology for continuous improvement (R&D)
- Assists with product quoting
- Works with processing to develop new manufacturing processes as necessary

MINIMUM EDUCATION, EXPERIENCE AND CORE COMPETENCY REQUIREMENTS:

- Bachelor's degree in electrical engineering with 2 -5 years' experience
- Minimum 2 - 5 years' experience in RF design, testing, and calibration
- Strong computer skills (MS Office, Windows / Windows Mobile, ability to learn new device communication software for RFID readers and other devices)
- Experience with wireless protocol and communications standards (USB, Ethernet, I2C, SPI)
- Working knowledge of databases (SQL, MS Access)
- Working knowledge of Ethernet and WiFi communications
- Ability to program, monitor, and specify programming software and logic (VB.NET, ASP.NET, C#, C, Assembly)
- Good listening, written and oral communication, and presentation skills
- Detail oriented individual with strong organizational skills
- Able to work/lead in a team environment

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- Working knowledge of applicable safety regulations, laws and policies
- Working knowledge of ISO9001
- Experience with embedded electronics
- Familiarity with environmental testing: ESD, EMI, RoHS/WEEE, Failure analysis

PREFERRED EDUCATION, EXPERIENCE AND CORE COMPETENCY REQUIREMENTS:

- Bachelors Degree with 5-10 years' experience
- RF Communications background
- Familiarity and/or experience with wireless data platforms (Zigbee, Wifi, RF, etc...)
- Experience with Wireless RF analog and digital links
- Knowledge of injection molding

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