

At Continental, we offer compelling tasks and a dynamic environment for smart and innovative people to bring their ideas to life, no matter where they are in their career. Our diverse portfolio and expertise combined with your personal contribution, empowers us to successfully develop the most innovative mobility solutions for over 140 years. As part of our international team with 200,000 employees in 53 countries, you have the freedom of shaping the future in motion with us.

Wireless Test Engineer - I BS (TSR)

Description

With 15 years of experience in Timisoara, the Interior Body&Security (I BS) business unit has a large product portfolio and ensures the confort, security and safety of passengers in the car. The most important products we develop are the body controllers, key & keyless access systems, tire pressure monitoring systems with wheel units, control units for doors, trunk, seats, mirrors, headlamps, sunroofs and other confort devices in the car. In Timisoara we develop most of these products working for most of the big car manufacturers (Renault&Nissan group, VW group, Volvo, Hyundai, Honda, GM).

The Wireless Test Engineer is in charge of application and production support for wireless automotive products.

The following wireless products have to be taken care for:

Vehicle Access products:

- › RKE&PASE Control Module: integrated transmitters/receivers/transceivers systems in the ISM Band (315 MHz / 433.92 MHz / 868 MHz / 902 MHz / 926 MHz);

- › Immobilizer, Start-Stop Button: low frequency systems (125 kHz).

Vehicle Tire Pressure Monitoring System (TPMS) products:

- › TPMS Control Module: integrated receivers systems in the ISM Band (315 MHz / 433.92 MHz);

- › TPMS, e-TIS sensors: integrated transmitters systems in the ISM Band (315 MHz / 433.92 MHz) + integrated receivers systems at low frequency (125 kHz).

Multi Functional Smartphone Terminal (MFST), Wireless Power Charging, Near Field Communication (NFC) products:

- › Wireless Power Charger using the Qi standard (non resonant coupling in the range of 105kHz – 205 kHz);

- › Near Field Communication at 13.56 MHz;

- › Passive antenna coupler for Telephony bands (range 800 MHz – 2.6 GHz).

Your responsibilities will be:

- › Roll out common defined wireless test standards and procedures for parametric tests (prototype testers), qualification tests (Life Time Tester) and End Of Line tests (partly) with the support of the Wireless Test Team;

- › Develop and release wireless part of test equipments (HW and SW) according to an agreed process and existing generic standard;

- › Fill the wireless part of the Product Test Specification;

- › Collaborate with established worldwide teams: Cross Function Test (CFT) organization and its Wireless Test Team, Cross Function Radio Frequency,

- › Manufacturing Plants, Qualification Laboratories;

- › Support local CFT Design Launch team for wireless related topics in its field of expertise for laboratory and plant tests with the support of the Wireless Test Team;

A mentor will support you to stepwise take over own responsibility after an initial training phase which will familiarize you with our products, tools, processes and organization. Technical trainings on products&technologies will be ensured.

Requirements

- › University degree (i.e. Electronics, Telecommunication, Computer Science, Informatics);

- › Good knowledge in analog and digital electronic design;

- › Good knowledge in schematic design and layout;

- › Knowledge of interface between hardware and software;

- › Knowledge in measuring and test equipment;

- › Automotive experience is an advantage;

- › Medium English – speaking and writing level;

- › Initiative and result orientation.

What we offer

- › Integration Program in a professional, young & dynamic team;

- › Competitive Salaries (based on performance) & Benefits;

- › Health & Wellness (Private Health and Life Insurance, Sport activities etc);

- › Professional Development Opportunities (in Technical and Managerial Area);

- › Stability;

- › International Work Environment & Traveling Opportunities;

- › Relocation Package for non-Timisoara Residents.

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