Automotive Electronics Design and Test Engineer

MSc or BSc
Company: Centric TSolve – Embedded Solutions Belgium, Hengelo (NL)
Vacancy Id: AEDTE0001

Would you like to work on the requirements specification, analysis, design, component outsourcing, verification, validation and qualification of electronic circuits for automotive drive train components? Then we have the next career opportunity for you.

Environmental testing and EMC testing is also part of your responsibility. You will report to the HW project leader.

Your tasks

- HW requirements specification, design and analysis (incl. worst case timing analysis)
- Perform MTBF / failure rate calculations and FMEAs
- Guide HW development outsourcing, verify and validate results
- Define environmental and EMC test plans according applicable automotive standards
- Support for sensors, actuators, microcontroller modules and PCB layout problems
- Customer support (cable harnesses) and production support
- Work according structured product development processes including product quality assurance activities
- Organize, plan and track your work

Your personal profile

- You have a MSc. degree in electronics or equivalent knowledge from related area's
- You have experience with relevant tools: Modeling, schematic-entry, layout, FPGA programming, etc.
- You have hands-on experience in applying quality procedures in a professional product development environment
- You are a team-player and have excellent communication skills
- You have analytical power, you are pro-active, perseverance and result oriented
- You have excellent knowledge of the English and Dutch language (oral and written)
- You like diversity in your job and can switch easily between many different activities
- You have at least 3 years of relevant experience in one ore more mentioned application and technology areas:

Applications

- Automotive
- Drive trains (conventional, hybrid, full electric)

Technologies

- Digital electronics (100MHz)
- Low current, low frequency analogue
- FPGA
- Embedded 32 bit microcontrollers, power management circuits

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- Automotive sensors / actuators
- CAD systems: Eagle / OrCad, modeling: pSpice

About Centric TSolve - Embedded Solutions

Centric TSolve - Embedded Solutions is the professional product development partner for technical hardware and software engineering in embedded end-to-end solutions. We also provide generic services to support full product development like secondment, consultancy (project- and product management, quality assurance, architecture and life-cycle management) and near-shoring services.

As an autonomous part of Centric with regional offices in the Netherlands and Germany we offer our professional services to local and international customers. We apply our combined embedded and wireless expertise and components in the domains Transport & Automotive, Manufacturing and Healthcare.

We offer you

- Challenging job in a company where commitment, openness, fairness and passion for technology are key values
- A high level of responsibilities and possibilities for personal development
- Advanced training possibilities
- An engaged and highly motivated team of colleagues
- Interesting salary with excellent job conditions
- Small company atmosphere within a big company

Interested?

Please visit our website at www.centric-tsolve.eu or contact Rudi Broekhuis at +31 74 851 04 06.
You can apply directly: send your detailed resume and motivation to recruitement_tsolve@centric.eu.

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