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Requisition Number: 14446

Post Date: Nov. 28, 2017

Title: Senior Embedded Software Engineer — Automotive Electronics/Audio Software

City: Queretaro

State: Queretaro

Country: Mexico

Description: Senior Embedded Software Engineer — Automotive Electronics/Audio Software — Visteon Technology Center Queretaro

About Visteon

Visteon is a global technology company that designs, engineers and manufactures innovative cockpit electronics products and connected car solutions for most of the world's major vehicle manufacturers. Visteon is a leading provider of instrument clusters, head-up displays, information displays, infotainment, audio systems, SmartCore™ cockpit domain controllers, and vehicle connectivity. Visteon also supplies embedded multimedia and smartphone connectivity software solutions to the global automotive industry. Headquartered in Van Buren Township, Michigan, Visteon has approximately 10,000 employees at more than 40 facilities in 18 countries. Visteon had sales of \$3.16 billion in 2016. Learn more at www.visteon.com.

Visteon is an equal opportunity employer committed to a culturally diverse workforce.

Our Vision

A top-three cockpit electronics player delivering a rich, connected cockpit experience for every car from luxury to entry.

SENIOR EMBEDDED SOFTWARE ENGINEER – AUTOMOTIVE ELECTRONICS/AUDIO SOFTWARE — QUERETARO, QRO., MEXICO

Primary Responsibilities

Located at our Visteon Technology Center in Queretaro, the senior embedded software engineer will play a hands-on role with the software development, providing technical leadership and design oversight for the development activities of a project team throughout the entire development life cycle.

Typical Duties

- Mentor and provide leadership for less experienced developers
- Analyze and resolve complex system issues
- Lead design reviews and participate in critical code reviews
- Develop protocol/interface specifications
- Define and review system performance characteristics
- Provide periodic updates on progress to component lead and project management team

Requirements

Years of Experience: 5 + years of experience in the embedded software environment

Degree Strongly Preferred: Bachelor's Degree in Computer Sciences or Computer Engineering;
Master's Degree preferred

Desired Competencies/Experience

- 5+ years of experience in software product life cycle and embedded software development using C or C++ language
- Working knowledge of hardware and software analysis tools (CANoe, oscilloscopes, Bus monitoring, etc.)
- Proficiency in target-based software development and debugging (JTAG, IDE, etc.)
- Experience using 32-bit microcontrollers
- Strong written and verbal communication skills
- Familiarity with one or more of the following competencies:
 - Head units/infotainment and connectivity features
 - Satellite (SIRIUS) radio
 - HD (IBOC) radio
 - Diagnostics (KWP200 or UDS)
 - SPI, UART, CAN and/or I2C
 - MISRA standards

Special Requirements

Flexibility in working hours to meet project objectives may be required. Limited travel may be required.

Apply for this Position

If you are interested in applying for this position, send your resume to cjordan5@visteon.com and include the requisition number in the subject of your email.