



Visteon®

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Requisition Number: 14261

Post Date: Sept. 19, 2017

Title: Electrical Design Engineer

City: Chihuahua

State: Chihuahua

Country: Mexico

Description: Experienced EE Design Engineer – Visteon Technical Center, Chihuahua, Chih., Mexico

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, telematics and SmartCore™ cockpit domain controllers. 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

ELECTRICAL DESIGN ENGINEER – CHIHUAHUA, CHIH. MEXICO

Primary Responsibilities

Located at VTCM Chihuahua, Chih., Mexico, the electrical design engineer is responsible for the design and develop of electronic components, equipment, systems and products, applying knowledge and principles of electronic theory, design and engineering.

Typical Duties

- Use computer-assisted engineering and design software and equipment to formulate and test electronic designs
- Develop product from an electrical point of view, based on automotive and customer standards
- Manage projects according to program timing plan and coordinate all deliveries with program management team
- Interface with systems, mechanical and manufacturing groups to ensure quality delivery of final product

Requirements

Years of Experience: Three or more years related experience

Degree Strongly Preferred: BS Electrical/Electronic Engineering, MS Electrical/Electronic Engineering, Mechatronic

Desired Competencies/Experience

- Bilingual: Spanish-English and/or any other foreign language
- Experienced in design, analysis and simulation of analog and digital circuits
- Experienced in developing hardware requirements and hardware/software interface documents
- Technology or science enthusiast
- Highly committed and creative
- Objectives-oriented, disciplined
- Familiar with embedded microcontroller-based design
- Familiar with technologies such as power supply design (linear, SMP), design for EMC, memory devices, displays (TFT), graphical display controllers, communication interfaces (CAN, LIN, USB, Bluetooth, MOST), antennas, audio amplifiers, automotive systems, microprocessors, FPGAs, DSP, Embedded Software, Instrumentation, RF, Wireless Communications, etc.
- Familiar with signal integrity and time analysis (optional)
- Familiar with power integrity (optional)
- Familiar EMC (optional)
- Able to interface with internal/external customers and component suppliers
- Able to use computer based design tools: Mathcad, Matlab, Mentor Tools, PSpice, circuit modeling and simulation, Simulink, etc.
- Worst case analysis development
- Problem resolution
- Process improvement

Special Requirements

Occasional travel 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.