

**PRECO Electronics
Electrical Engineer
Boise, ID**

Overview:

The ideal Electrical Engineering candidate will participate in the support and design of radar based sensor products for PRECO Electronics PreView® product line. The candidate will be responsible for supporting present designs currently in manufacturing as well as assisting in new product hardware design including technical analysis of product requirements, functional specifications, schematic design, PCB layout, hardware verification testing, and release to manufacturing. The ideal candidate will have experience in the design of low cost, high frequency circuits with the highest standards for quality and reliability. The candidate will work in a team atmosphere on product development and support projects in the R&D department.

Primary Responsibilities:

- Provides engineering technical support for current products to our internal customers: supply chain, operations, manufacturing, and sales groups as needed
- Work directly with manufacturing on design for manufacturability projects and programs
- Design analog signal processing and digital interface circuitry with an emphasis on high accuracy and reliability in a harsh operating environment
- Work in high frequency circuit design radar applications (or must have experience with a minimum of 1GHz)
- Trouble shooting and failure analysis of complex electronic circuitry
- Possess the skills to use software tools for simulation throughout the development process

Experience:

- This position requires a minimum of 5 years of previous related professional experience with a preference to high volume design projects in a manufacturing environment
- MUST have an understanding of electronics and be able to automate and simulate electronics in a test environment
- Must have a fundamental understanding of digital and analog circuit design and theories
- Familiarity and experience with embedded code development
- Familiarity with advanced modeling, simulation and analysis tools
- Excellent verbal and technical writing skills

Education

- Bachelor's or Master's degree in Electrical Engineering or Electronics Engineering
- Excellent interpersonal and communication skills and work well as a team

Please visit www.precos.com for more company and product information.