



Position: RF Applications Engineer
Location: Norwood, MA

Using today's technology to test tomorrow's devices

Position Summary

RF Applications Engineering is chartered to design, provide, and support RF semiconductor test solutions. These test solutions are used in mass production of RF Power Amplifiers, WLAN transceivers, cell phone transceivers, digital satellite tuners, MCU's with integrated RF transceivers and other RF devices. The test solution consists of semi-custom hardware and software that allows the standard test system to interface to, electrically stimulate and measure the response of the customers' specific semiconductor device while optimizing tradeoffs between test execution speed and accuracy. Test solutions are typically in the DC to 8GHz range and can extend into the millimeter wave range for 5G, 802.11ad, and Automotive Radar.

RF Applications Engineers are the super-users of the standard test system. Therefore these engineers are called on to develop innovative, complex techniques for conducting intricate and multifaceted measurements. The spend time working directly with the customer at the customer site or via remote methods to develop test solutions and release them to production.

They are consulted on and actively participate in internal system development projects, customer development projects and problem resolution. In addition, they will occasionally provide guidance to customers' Device Designers and Test Engineers in the area of Design for Testability. Additional opportunities available to the Applications Engineer include demonstrating their proficiency in specific areas by conducting product demonstrations for customers and authoring and presenting technical articles and papers.

Key Skills

- Strong RF Test knowledge, DC to 8GHz.
- Strong Analog, Digital and RF circuit design knowledge
- Strong engineering problem solving methodology
- Strong communications skills
- Software development in a high level programming language such as C++
- Working knowledge of digital signal processing (DSP) methods
- Familiarity with the application of statistical analysis techniques
- Exposure to LINUX workstations and associated software applications preferred

Contact: sharon.benjamin@xcerra.com for more information or to apply for this position

This employer does not participate in providing visa sponsorship for employment

About the Company

Xcerra Corporation comprises the combined companies of the LTX-Credence Corporation, Multitest, Everett Charles Technologies and atg-Luther & Maelzer businesses. Together they are global providers of capital equipment, interface products, and services to the semiconductor, industrial, and electronics manufacturing industries. The Company addresses the broad, divergent requirements of the mobility, industrial, automotive and consumer end markets, offering a comprehensive portfolio of solutions and technologies, and a global network of strategically deployed applications and support resources.

Xcerra is a VEVRAA Federal Contractor and an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, age, disability status or protected veteran status, or any other characteristic protected by law. The consolidated companies have revenues of \$324M with approximately 30 locations worldwide and employ over 1,800 employees. Additional information can be found at: www.xcerra.com EEO/AA/MFVD