



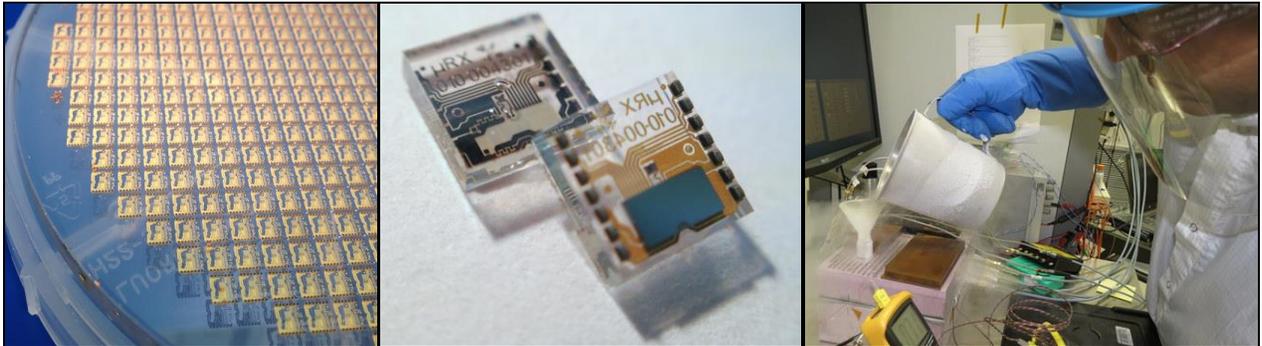
ENGINEERING CAREER OPPORTUNITY

Test Engineer

ABOUT ULTRA COMMUNICATIONS

Ultra Communications Inc. designs, develops and manufactures high performance optical interconnect solutions for High Reliability (Hi-Rel) Space, Mil/Aero, Marine, Industrial and Harsh Environment (HEFO) applications. Their patented designs and processes enable the highest performance, smallest footprint, highest reliability optical solutions available in the industry and are the only Radiation Hardened (Rad Hard) products available, anywhere in the world, for space applications. Located in Vista CA, UltraComm is currently ramping production capability to address their customers high volume product needs.

The UltraComm work environment is a unique combination of development lab and production facility with an atmosphere of family and professional camaraderie. If you relish challenges and enjoy creating never before possible products, UltraComm is the place for you.



Position Overview UltraComm's Test and Product Engineers are a key factor in the growth and quality of our optical interconnect product line. This individual will be a key technical resource and will work closely with production, product and R&D engineers to build and release test and characterization systems. The candidate must enjoy working in a fast-paced environment while maintaining a sense of commitment and be flexible to project needs. The candidate must be a team player and possess a sense of urgency to meet product requirements, on schedule, as well as design and develop necessary hardware and software to create a complete test solution.

Essential Duties and Responsibilities:

- Development, maintenance, calibration and optimization of test hardware and software in order to meet test requirements
- Follow 'release to production' processes for new test systems
- Design and execute verification plans including Failure Mode Element Analytics and Built In Self-Test.
- Set procedures to monitor test stand control including gage studies and sampling rates to assure a quality product
- Train employees contract manufacturers in the operation, maintenance and control of test systems
- Help define test and related data storage architecture in database
- Monitor product yield and respond to negative trends
- Monitor and improve Test throughput
- Assume ownership of test systems and understand surrounding processes
- Generation of detailed test strategies, plans and specifications
- Understand schematic design, PCB's and fabrication process while working with vendors through the layout and fabrication process for test boards and probe cards
- Employ Measurement System Analysis



- Other Duties as assigned
- Some travel may be required, 10%.

Experience and Education:

- BS in Electrical or Electronic engineering
- Minimum 5+ years of experience with hands-on experience in production test, design, and validation systems and processes
- Programming languages: MATLAB, Python and Test Stand
- English writing skills for work, calibration, control and operating instructions
- Knowledge of circuit boards, processors, Integrated Circuit Boards, computer hardware and software, including applications and programming
- Create query tools for reports and present test data correlations between test tools and the manufacturing processes
- Understand measures or indicators of system performance and the actions needed to improve or correct performance
- Optical test equipment and methodology for testing key high-speed and DC optical parameters required
- Strong mechanical aptitude and willingness and ability to learn and share knowledge
- The candidate must be a self-starter and have experience and aptitude working across functional teams to achieve results

Preferred Qualifications:

- MS in Electrical or Electronic Engineering, 8+ year of experience with hands-on experience in production test, design, and validation systems and processes
- Familiarity with Optics, optical data communications, Government programs and processes
- Experience with 10Gbps and above optical transceivers
- Background in the software tools; Altium, SAS JMP, .NET, SQL
- Quality systems for manufacturing; ANOVA, DOE, SPC, Capability and related

Full Time positions are eligible for a robust benefits package including medical, dental, vision, Employee Incentive Plan and 401k with company match. Please send resume and cover letter to CAREERS@ULTRACOMM-INC.COM. Qualified individuals being considered will be contacted for interview.

UltraComm supports a diverse workforce and is committed to a policy of equal employment opportunity for applicants and employees. UltraComm does not discriminate on the basis of age, race, color, religion (including religious dress and grooming practices), sex/gender (including pregnancy, childbirth, or related medical conditions or breastfeeding), gender identity, gender expression, genetic information, national origin (including language use restrictions and possession of a driver's license issued under Vehicle Code section 12801.9), ancestry, physical or mental disability, legally-protected medical condition, military or veteran status (including "protected veterans" under applicable affirmative action laws), marital status, sexual orientation, or any other basis protected by local, state or federal laws applicable to the Company. UltraComm also prohibits discrimination based on the perception that an employee or applicant has any of those characteristics or is associated with a person who has or is perceived as having any of those characteristics.