



KAIAM

39677 Eureka Dr. • Newark, CA 94560
info@kaiam.com • +1 (510) 226-8100

Position: RF/Fiberoptic Transceiver Engineer
Department: Research and Development

About the Company

Headquartered in Newark, California, **Kaiam Corporation** is a private company developing products based on hybrid photonic integrated circuits (PIC's). These circuits are used in high bandwidth optical transceivers that transmit and receive multiple wavelengths of light in fiber optic networks. The company's products are used in high-end routers and communications gear that power the backbone of datacenters or longer distance telecommunications. With R&D facilities in Newark, California, and volume production outside of Edinburgh in the UK, the company's products are used internationally by tier 1 system integrators and data centers. Founded by leading technologists from the optical networking industry, the team has a record of delivering breakthrough approaches that change the rules of the marketplace. It is currently working with multiple partners to deliver PIC based products for various applications. For more information, visit www.kaiam.com.

About the Position

Kaiam is looking for an RF/Fiberoptic Transceiver Engineer with a proven record of industry achievement. In this role you will be responsible for high frequency design of packages and electronics for fiber optic transceivers. The ideal candidate would span the range from initial development of concepts to validation, qualification, and transfer to manufacturing. In addition to design of high-speed ceramics, feed-throughs, and electrical circuits, the candidate should be able to develop test procedures and configure instrumentation and test stations. Qualified individuals should be familiar with fiber optic packaging, transceiver electronics, and typical firmware protocols. Intimate understanding of analog and digital RF circuits and modeling and layout tools such as, ADS, HFSS, and PADs is required.

As a member of the Kaiam's R&D team, you will contribute to a variety of short- and long-term efforts across various projects and in a number of technical areas. In this regard it will be important to be able to mix responsiveness to short term needs with the ability to keep up a level of effort on longer-term projects.

Minimum Requirements

- MS and or PhD in Electrical Engineering, Applied Physics or related field and at least 10 years experience
- Familiarity with all aspects of optical transceiver design and testing
- Expert at analog and digital circuit design, including micro-controllers and associated firmware
- Deep understanding of transceiver metrics, such as BER, dispersion penalty, and eye margin
- Familiarity with software design, modeling, and layout tools such as HFSS, ADS, Spice, or PADS

To Apply

Send a resume and cover letter to HR@kaiam.com