



KAIAM

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Position: Senior Optical Transceiver Development 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

The Senior Optical Transceiver Development Engineer will take a leadership role in new product development aimed at data rates of 25Gb/s and higher. The engineer will provide RF and optical design, modeling, and test support for multiple projects and must be hands-on with proven ability to take products from design into production.

Desired Skills Include

- Knowledge of RF design. Experience with 25Gb/s development preferred.
- Knowledge of semiconductor physics and optoelectronic devices
- Experience with circuit analysis and modeling tools (e.g. ADS and HFSS)
- Lab experience with high-speed testing, debugging, and device characterization
- Understanding of fiber optic 1310 and 1550 nm systems including CWDM and DWDM networks, advanced modulation formats, and industry standards.
- Ability to work with electrical, mechanical, and process engineering teams to implement product designs
- Understanding of new product introduction and qualification processes

Minimum Qualifications

- MS or PhD in Electrical Engineering, Physics or similar field
- Minimum 5 years of experience with optical component or analog/digital circuit development for the telecommunications and/or datacom industries
- Minimum 3 years of experience with optical transceiver design
- Minimum 3 years of experience with high speed testing and product characterization

To Apply

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