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## **Optoelectronic Transceiver Design Engineer**

### **Engineering Department**

#### **Job Summary:**

We are seeking an Optoelectronic Transceiver Design Engineer who is a self-motivated, creative problem solver to be responsible for analyzing, designing, troubleshooting and debugging optoelectronic transceivers.

#### **Job Responsibilities:**

- Design radio frequency circuitry and associated interface with optical components.
- Analyze customer requirements and break down to module level design specifications.
- Strong background with engineering processes, design and testing methodologies.
- The candidate must be able to work with minimal supervision and utilize knowledge, experience and judgment to accomplish goals within the framework of a dynamic team oriented environment.
- Design optoelectronic transceivers/modules to meet the required parameters such as radio frequency performance, efficiency, power output, thermal management.

#### **Education and Experience:**

- BSEE required, MSEE desirable
- Familiar with MIL-Spec environmental requirements
- Knowledge of optical packaging a plus
- Capable of circuit design, bench top test and analysis, PCB layout
- A key requirement is the knowledge of optical components such as lasers and PINs, and their operation in an radio frequency design
- Our government contracts require U.S. citizenship or permanent resident status for most positions

**Zephyr Photonics, Inc.** is a privately held company that was founded in 1987. Recently, acquired by Torch Hill Investment Partners, a Washington DC-based private equity firm, Zephyr is focused on providing solutions to the Department of Defense, aerospace, and intelligence markets. For the past 25 years, Zephyr has worked as a research and development company, creating its unique technology over 60 contracts from U.S. government agencies, communication companies, and defense prime contractors. Zephyr Photonics has independently developed its first commercial solution, a patented



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VCSEL technology available nowhere else in the country. The innovative technology enables the production of harsh environment, integrated optoelectronic modules for ultra-wide bandwidth data networking and optical interconnect applications.

It is the policy of the Company to afford equal employment opportunity to all individuals, regardless of race, creed, color, religion, gender, national origin, ancestry, age, marital status, veteran status, genetic information, disability, medical condition (as defined by California Government Code section 12929), gender identity or sexual orientation. Our employees, as well as applicants and others with whom we do business, will not be subjected to any other characteristic protected by federal, state or local law. The Company has a zero-tolerance policy against sexual, racial, religious, ethnic, or any other form of unlawful harassment and/or discrimination. In addition, the Company adheres to the equal employment opportunity requirements of all States and localities in which it does business. We are completely committed to these principles—not only because of the various laws which address these subjects—but because it is the right thing to do.

The Company's commitment to equal opportunity is applied through every aspect of the employment relationship, including, but not limited to, recruitment, selection, placement, training, compensation, promotion, transfer, termination, and all other matters of employment.

Zephyr Photonics offers competitive salaries and company benefits, in a very scenic environment at Lake Tahoe.

Please email your resume and a cover letter to [hr@zephyrphotonics.com](mailto:hr@zephyrphotonics.com). Once we receive your documents, they will be forwarded to the appropriate hiring manager for review. If they decide to continue the recruiting process, they will request qualified applicants to submit our employment application, including authority to release information, and other information as appropriate.

You may also send your completed documents via postal mail to the following:

**Zephyr Photonics, Inc.**  
Attn: Personnel Department  
P.O. Box 10779  
Zephyr Cove, NV 89448-2799

*Posted date:* **November 11, 2011**

*Removed date:*

*Applications will be considered only in response to announced vacancies.*