



Lattice Semiconductor Corporation provides the industry's broadest range of Programmable Logic Devices (PLD) including Mixed-Signal devices and industry-leading SERDES products. Not only does Lattice offer unparalleled product portfolios in a very competitive industry, but it also offers a fantastic working environment that allows the employee's unique individuality to flourish. Consider working for a mid-size company with a small-size mentality, each employee has the opportunity to make a direct impact on the company's successes.

---

**Position: Applications Engineer I**

**Location:** Hillsboro, OR

**Submit your resume to:** [www.latticesemi.com/careers](http://www.latticesemi.com/careers)

**Please note: Visa sponsorship is not available for this position.**

Lattice's Enterprise Solutions Applications Engineering team is a very unique and multifaceted group within Lattice. The Applications group is tasked with supporting the majority of Lattice's hardware and software products by working extensively with our customers, and our sales organization. To facilitate this support the group must also interface with most of the design and development groups in the company.

In this position the qualified candidates responsibilities will involve working with Lattice's sale's organization to support customer hardware and software design issues. This will lead to involvement in the development of support related documentation, hardware and software.

**Accountabilities:**

- Provide engineering and technical support to field sales, field applications, and customers.
- Support application hotline for all Lattice PLD product lines.
- Provide assistance to customers with technical problems.
- Conduct tests to evaluate customer problems.
- Generate and coordinate technical literature, articles, application notes, and data sheets. Coordinate hardware failure verifications.
- Perform software benchmarking and competitive hardware analysis.
- Perform PLD logic design using VHDL and Verilog.
- Make presentations on focused products.
- Assist sales staff in assessing potential application of company products to meet customer needs, and preparing detailed product specifications.
- Provide follow-up support in disseminating technical information on specific applications.

**Qualifications:**

- Bachelors, or Masters degree in Electrical Engineering or Computer Engineering.
- Experience in digital logic design.

- Experience with VHDL and Verilog.
- Knowledge of C and C++.
- Understanding of telecom/datacom systems.
- Strong written and verbal communications skills and the ability to work with multiple groups.
- Must be detail oriented with strong customer service skills.
- High level of PC skills.
- Prior customer support experience is a plus.