Electrical Engineer
Levels 3-4

At Lam Research, we create equipment that allows chipmakers to build device features more than 1,000 times smaller than a grain of sand. These features have a substantial impact, and virtually every leading-edge chip inside the electronic products you use every day has been made using our equipment.

Creating today’s chips requires the utmost precision on a scale so small, it’s hard to comprehend. And that’s where we shine, thanks to our team of brilliant individuals. We believe how we do things is just as important as what we do—but the most important piece of all is who helps us do it. No matter your area of expertise—from product engineering to manufacturing and supply chain management, to customer support—you’ll play a key role in proving what’s never been done before.

Are you up for the challenge? Let’s get to work.

Job Responsibilities

- Develops moderately complex electrical systems and sub-systems
- Applies mathematical/engineering methods to electrical system designs
- Contributes to research efforts of data
- Demonstrates good judgment in developing functional specifications for electrical/electro-mechanical systems and power distribution
- Networks with senior internal and external personnel in own area of expertise
- Works with multidisciplinary engineering design team to design and modify custom and OEM system components

Minimum Qualifications

- Very good oral, written, and presentation skills in English
- Hands-on experience in electronic circuit design (analog, digital), development and associated electrical board design, troubleshooting and validation required
- Solid understanding of AC/DC Power distribution systems required
- Experience in signals and controls theory required
- Has excellent system level understanding of Electrical architecture, design of IO Controllers and Applications
- Highly proficient in power panel electrical circuit design with safety interlocks & 3 phase load analysis
- Excellent working knowledge in PCB/ Low voltage circuit design for power and control applications
- Expert in application of power and controls technologies for systems automation
- Knowledgeable in CAD tools like PCAD, ORCAD, ZUKEN or equivalent CAD packages for circuit design & simulation
- Excellent working knowledge of applicable electrical related standards like UL, CE, IEC, SEMI
Preferred Qualifications

- Ph.D. with 1+ years of relevant work; or
- M.S. with 3+ years of relevant work experience; or
- B.S. with 5+ years of relevant work experience

More About Us ….

Our work is everywhere you look – even if you can’t actually see it. Lam Research goes deeper than software or chips to the heart of the process that enables chip creation. So if you want to help power the components that empower everything, join us.

All qualified applicants will receive consideration for employment without regard to race, sex, color, religion, sexual orientation, gender identity, national origin, protected veteran status, or on the basis of disability.