



Sr. Optics Designer

Job Title: Sr. Optics Designer

Job Location: Dallas, Texas

Job Description: Lead the design and implementation of optical systems for LCOS engineering development and demonstration projectors. These optical systems will be used to characterize and demonstrate Syndiant's patented LCOS (Liquid Crystal on Silicon) digital light modulators for the rapidly emerging market of pico projectors. We are seeking a highly motivated, experienced Optics Designer who has a desire to join an excellent team of highly skilled engineers focused on delivering exciting designs for the consumer pico projector market. Additional duties will include supporting customers in integration of Syndiant LCOS panels and evaluating optical components such as LEDs, lasers, and polarization films. Also requires a strong interest in developing products for the consumer electronics market and the ability to work independently in a fast-paced environment.

Education Requirements: M.S or Ph.D. in Optics.

Experience Requirements: The position requires hands-on experience with optical, electrical, and mechanical design, simulation, and implementation. Experience working with polarized light optical systems is required. LCOS microdisplay or LCD experience is desirable.

Requirements:

Projection system design
Optical system simulation
Lens design experience
Electrical assembly & solder
Working knowledge of solid state illuminators

Mechanical design
Hands-on optical and mechanical assembly
Laser certification
Lab instrumentation including oscilloscope, light meter, multimeter, microscope

Additional Skills:

MS Office, Excel
Optical measurement techniques
Image processing techniques

Technical documentation
SolidWorks design

Residency Requirements: Candidate must be able to demonstrate they are authorized to work in the US.

Personal Attributes: A self-starting individual, strong technical aptitude and interpersonal skills are required. Must be of unquestionable integrity, possess a drive to succeed and accomplish team challenges in a dynamic, hard working, fast-growing technology business environment.

Company Type: Dallas-based Fabless Semiconductor company.

Company Profile: Syndiant, Inc. is a provider of LCOS digital light modulators for the pico projector market. Syndiant's technology uniquely meets our customer's exacting requirements for cost, size, power, resolution and color quality, enabling pico projectors small enough to fit in cell phones, laptops, Ultra-Mobile PCs, camcorders, and digital cameras. Our customers are also developing pico projectors for other markets including automotive, military, and toy. Our strong engineering team executes projects requiring a convergence of skills in IC, PCB, FPGA, software, optical, and mechanical design.

How to Apply: Please email your resume to: hr@syndiant.com

Syndiant, Inc. is an Equal Opportunity Employer