



## **Logic Design & Verification Engineer**

**Job Title:** Logic Design & Verification Engineer

**Job Location:** Dallas, Texas

**Job Description:** This position will play a key role in the design and verification of FPGAs, ASICs and the digital logic involved in controlling Syndiant's patented LCOS (Liquid Crystal on Silicon) digital light modulators for the rapidly emerging market for pico-projectors. We are seeking a highly motivated experienced Logic Designer who has a desire to join an excellent team of highly skilled engineers. The position requires extensive experience involving functional specification capture, logic design, verification, digital device test, and FPGA design. 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:** BSEE, MSEE, BSCS, or MSCS

**Experience Requirements:** Three years experience in logic design and verification.

### **Knowledge Requirements:**

Verilog (preferred) or VHDL  
Multiple clock domain design  
SPICE

ModelSim  
Test Bench development

### **Additional Skills:**

C or C++ and Perl, Tcl or Python  
System Verilog

Xilinx Spartan-3 & Virtex FPGAs  
Linux/Unix

**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, bio-medical, military, toy and aerospace. 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](mailto:hr@syndiant.com)

**Syndiant, Inc. is an Equal Opportunity Employer**