



Firmware/Embedded Engineer

Job Title: Firmware/Embedded Engineer

Job Location: Dallas, Texas

Job Description: Highly motivated, experienced Firmware/Embedded Engineer who has a desire to join an excellent team of highly skilled engineers focused on delivering exciting Liquid Crystal on Silicon (LCOS) micro-display designs for the consumer pico projector market. Duties will range from architecture definition to firmware development including low level system hardware drivers, and system level algorithm development for RISC-based processors (ARM).

Education Requirements: BSEE, MSEE, BSCS, or MSCS

Experience Requirements: The position requires seven to ten years experience in low level systems development with C/C++ and Assembly, preferably with ARM based processors and tools. Experience using firmware/software to control hardware is a must as well as the ability to work independently. Good communication both verbal and written are essential while gathering requirements and verifying implementation details.

Required Skills:

Programming languages (C/C++/C#)	Proficiency in using lab equipment
Assembly programming, ARM, 8051	(protocol and logic analyzers, scope, etc.)
Communication protocols	Realview developer Suite
(I2C, SSP, SPI, USB, JTAG)	Solid processor knowledge,
Configuration Management & Version	ARM, 8051, PIC
control Tools	Solid debugging ability
Software Architecture, Data structures	Video processing algorithms
Understanding of Hardware	Strong technical communication skills
Interrupts, Resets, Clocks, etc	(both verbal and written)

Additional Skills:

MS Office	Experience in RTOS development
C#/.NET Framework	Multithreading
Clean and intuitive GUI design	Visual Studio
Data structures	Database design & queries

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

Personal Attributes: A self-starting individual, strong software/firmware 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's patented LCOS digital light modulators enable the rapidly emerging market of pico projectors. 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 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