

	<h1>Attollo Engineering</h1>	Document Number:	FRM-020
		Document Revision:	001
<h2>JOB DESCRIPTION</h2>		Approval Date:	3/13/2019

Job Title:	Electrical Engineer	Job Category:	Engineer
Department/Group:	Engineering	Job Code:	
Location:	Camarillo, CA	Travel Required:	Infrequent
Level/Salary Range:	Competitive pay BOE	Position Type:	Full Time
HR Contact:		Date posted:	September 30, 2024
Will Train Applicant:	Yes	Posting Expires:	Click here to enter a date.
External posting URL:			

JOB DESCRIPTION:

Attollo Engineering is a designer and manufacturer of cutting-edge infrared cameras and laser sensor systems for defense and industrial applications. Attollo has a full sensor fabrication facility and is a leading supplier of IR sensors in the defense and industrial space. Attollo believes in developing people to provide novel solutions for our customers. Attollo provides competitive salary compensation, a generous insurance package, and 401K matching.

Attollo Engineering is looking for an innovative and practical electrical engineer to design and build prototype and production-level circuits and electrical systems for opto-electronic components and embedded systems. Attollo specializes in the development of versatile opto-electronic sensors and systems that will draw upon a strong background of analog and digital electronics design.

Role and Responsibilities

- Works hands-on for all efforts related to electrical engineering design including analog and digital circuits design, system power supply design, etc. in support of project objectives and requirements
- Digital designs for signal processing and microcontroller based products
- FPGA (Xilinx, Lattice preferred) and microprocessor-based (STM32 and PIC preferred) miniature camera design
- Mixed signal board level schematic capture and layout for system speeds up to 500Mhz
- Support custom test station builds and electronic system and component characterization
- Works collaboratively with other engineers including optical, mechanical, systems, and customers to ensure that a project meets the specified design goals
- Communicates risk informed design trades, make-buy analyses and cost-benefit trades pertaining to requirements and budget constraints

Qualifications and Education Requirements

- Bachelor's Degree or Master's Degree in Electrical Engineering or related field with at least 4-5 years of experience
- Direct design experience (original circuit design, analysis, bring up and test)
- Experience with multi-layer PCB design (up to 10+) including LVDS and length tuning, impedance matching, and high density interconnect
- Custom schematic capture and PCB design experience



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- Direct hands-on experience with common electronic test equipment such as oscilloscopes, function generators, multimeters, spectrum analyzers, power analyzers, etc.
- Firmware and software development experience a plus
- If you have actually read this, and actually have realistic qualifications, include the following word somewhere in your application or your resume in order to be considered: “onomatopoeia” Spell it correctly because we will be doing an automatic search when screening resumes.

Preferred Skills

- Experience with Altium Designer, Python, LTSpice
- Excellent prototyping capabilities and experience in getting boards fabricated and assembled in quantities from 1 to 1,000+.
- Ability to apply multiple engineering disciplines to support design, development, implementation and operational activities
- Expertise in architecting and designing electronics for high-speed analog amplifiers for optical and RF receivers, system-level power design, digital sub-systems, analog-to-digital conversion, camera electronics, and portable systems.
- Ability to assist in definition, trade-off and design activity
- Ability to work with ambiguous requirements, performing and presenting the necessary trades that lead to the chosen design path
- Ability to review, evaluate and analyze designs
- Ability to prepare, review and evaluate documentation, specifications, test plans and procedures

Reviewed By:	Click here to enter text.	Date:	Click here to enter a date.
Approved By:	Click here to enter text.	Date:	Click here to enter a date.
Last Updated By:	Andrew Hood	Date/Time:	10/21/2024 10:00 AM