

Senior Test Engineer

Job Description: Senseker Engineering is looking for a test engineer to contribute to the operation and verification of integrated circuits (ICs) such as infrared image sensor readouts and other transduction interface ICs. We are also looking for someone who will help us build our test and verification capabilities. Duties will include understanding how to operate developmental parts (and providing feedback to the design team for future parts), testing ICs for operation and specifications compliance, operating the ICs at customer facilities and training customers how to operate the parts. As part of building our capabilities, duties will also include lab equipment acquisition, interfacing with custom electronics suppliers, test process development and advising on laboratory build-out. This position will work closely with IC design engineers, physicists and customers and requires good communications skills. The candidate should be comfortable working on a broad range of topics in a relaxed small business environment.

Work Experience: Greater than 5 years of experience.

Required Education: Bachelor's degree in electrical engineering or physics.

Preferred Education: Master's degree in electrical engineering or physics with experience in image sensors or advanced mixed-signal circuits.

Required Attributes:

- US person status **required** for this position, pursuant to the terms of government contracts with Senseker*
- Excellent teamwork and communications skills with very good written and verbal communication
- Organized and methodical documentation
- Experience testing and developing newly designed CMOS integrated circuits
- Working knowledge of data analysis through scripting and MATLAB
- A wide range of experience with electronics lab equipment and software
- Experience with printed circuit board (PCB) design

Desired Attributes:

- Practical test experience with analog-to-digital converters, image sensors and infrared DROICs
- Experience with test electronics development and interfacing with electronics subcontractors
- Experience with wafer probing and test data pack creation
- Experience with Automated Test Equipment test plan development, preferably with image sensors

Job Type and Location: Full-time in Santa Barbara, CA

Benefits: Competitive compensation, growth opportunity, flexible schedule, relaxed working environment, located in a great beachside community

Submit your resume at www.senseker.com or email it to careers@senseker.com

**This position requires work on projects which are protected under US ITAR laws, consequently, only US Persons will be considered for this position by law. For this purpose, the term "US person" means an individual who is a citizen of the United States, a lawful permanent resident alien of the US (e.g., a "Green Card" holder), a refugee, or someone in the US as a protected political asylee, or under amnesty.*

Senseker Engineering Inc. is an equal opportunity employer and considers qualified applications for employment without regard to sexual orientation, gender identity, gender expression, race, color, sex, creed, religion, national origin, age, disability, veteran status, or any other protected class.