

Job Title: Integrated Circuit Test Engineer

Job Description: Senseseeker 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: Some experience to seasoned professional, 2 - 20 years

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 Senseseeker*
- 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

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 Goleta, CA, USA

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

Send your resume to careers@senseseeker.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.

Senseseeker Engineering Inc. provides silicon IP, IC and image sensor design and systems engineering all targeted at the unique needs of the scientific and infrared image sensor community. We specialize in the design of digital imaging sensors and readout integrated circuits for hybrid image sensing arrays. We are located in the beautiful Santa Barbara, CA, area amid the west coast's hub of infrared and scientific image sensor companies. For more information see www.senseseeker.com.

Senseseeker 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.