



Mixed Signal Test Engineer - Full Job Description

Criteria Labs is seeking a Mixed Signal Test Engineer for a direct hire opportunity. At Criteria Labs, we recognize that our employees are our most powerful resource, selecting only the most talented and experienced individuals to work with our Engineers and Operations teams. We are located in the heart of Austin near Lamar.

Criteria Labs provides RF Products and Semiconductor Engineering Services for organizations that require unique solutions for high-reliability aerospace, oil and gas, commercial semiconductor, automotive and medical applications.

DUTIES AND RESPONSIBILITIES

Criteria Labs is seeking a Mixed Signal Test Engineer with the following qualifications:

- Work with Criteria Labs designers and System architects to design and develop test plans and platforms.
- Perform evaluation, debug and characterization of integrated circuits to ensure they meet the product and manufacturing specifications
- Work with designers on Failure Analysis (FA) to determine root cause of qualification and reliability failures
- Drive the specification of evaluation boards used in bring-up, Design Validation Testing and Production Validation Testing
- Perform schematic design of carrier modules and evaluation boards including simulation, component selection, symbol and foot-print creation, etc.
- Perform bring-up and debug of evaluation boards
- Prepare and debug digital and RF measurement set-ups
- Follow and familiarize self with company policies and procedures.
- Performs tasks accurately and efficiently, free from errors.
- Ability to take initiative and own tasks and projects.
- Persistently drive tasks and projects to completion.
- Adapts to changes in the work environment, manages competing demands and is able to deal with change, delays or unexpected events.
- Energetic, enthusiastic, positive outlook.
- Listen attentively and able to grasp fast-paced technical conversations.
- Maintain a clean and organized work area on a daily basis.
- Consistently at work and on time, follows instructions, responds to management direction and solicits feedback to improve performance.

REQUIRED SKILLS

- Strong analytical and problem-solving skills required
- Excellent communication skills and technical writing ability
- Teamwork and collaboration
- Comfortable standing or walking for long periods of time
- Support customer and internal quality audits
- Strong quality background.
- Computer skills in Microsoft Excel, Word, and Outlook.
- Must have excellent analytical, creative, problem solving skills and strong organizational skills.
- Ability to follow direction verbally as well as written and perform tasks in a manner that reflects well upon the organization.
- Able to prioritize and plans work activities and uses time efficiently.
- Desire to exceed expectations and drive positive change in the organization.
- Excellent time a self-management skill, ability to prioritize and multitask to meet deadlines.
- Strong work ethic and team player.



SCHEDULE

- Monday to Friday

EXPERIENCE

- BS in EE, MS preferred
- 3-5 years of work experience in analog and mixed-signal validation
- Hands-on experience with electronics test equipment such as mixed-signal oscilloscopes, multimeters, source measure units, spectrum analyzers, signal analyzers, etc.
- Experience with semiconductor and custom IC characterization & regression tests
- Experience with design and debugging of integrated circuits
- Experience with IC schematic and layout tools
- Experience with the IC manufacturing process and design rules

Job Type: Full-time

Pay: DOE

Benefits:

- 401(k)
- Dental insurance
- Disability insurance
- Health insurance
- Paid time off
- Vision insurance

COVID-19 considerations:

Criteria Labs has a strict mask and social distancing policy in place at this time.

Location:

- Austin, TX 78752 (Required)

Company's website:

- <http://www.criterialabs.com/>

Work Remotely:

- No

COVID-19 Precaution(s):

- Personal protective equipment provided or required
- Temperature screenings
- Social distancing guidelines in place
- Sanitizing, disinfecting, or cleaning procedures in place

Notice: Criteria Labs provides Equal Employment Opportunity to all people in every aspect of consideration for employment. All qualified applicants will receive consideration for employment without illegal discrimination on the basis of race, color, sex/gender (includes pregnancy, childbirth, breastfeeding, and/or related medical conditions), age, gender identity, gender expression, disability, religion, citizenship, national origin, ancestry, military or veteran status, marital status, sexual orientation, domestic violence victim status, predisposing genetic characteristics and genetic information, and any other status protected by law.