ASIC Validation and Test Engineer (m/f/d)

Ihre Aufgaben

As a an ASIC Validation and Test Engineer, you will be responsible for the validation, characterization, electrical failure analysis and functional testing of analog, mixed-signal and digital ICs. You will collaborate closely with analog circuit designers and other application engineers to deliver high-quality test coverage and reports.

Key Responsibilities

- Develop bench test concepts based on requirement specifications.
- Develop bench test specifications based on test concepts.
- Set up and maintain test benches and lab instrumentation for characterization.
- Perform initial validation of ASICs based on bench test specifications.
- Develop bench characterization concepts for automated characterization.
- Perform characterization of ASICs using automated bench test concepts.
- Document test results for initial validation & characterization tests.
- Programming of test management environment for automated bench testing (LabVIEW, TestStand, Python).
- Define concepts for test boards and perform schematic entry of concepts.
- Analysis and problem solving for field returns

Ihr Profil

- Master's or Bachelor's degree in Electronics, Electrical Engineering, or a related field.
- 5+ years of hands-on experience in application electronics, integrated circuits or ASIC testing, bench-level characterization.
- Test- and Microcontroller-programming knowledge.
- Knowledge of schematic entry.
- Experience in project-based work and cross-functional collaboration.
- Knowledge of analog and digital circuits.
- Strong problem-solving and analytical abilities.
- Excellent communication and customer-facing skills.
- Ability to work independently and in team environments.
- Detail-oriented with a proactive mindset.
- Good English language skills, written and spoken

Unser Angebot

What we offer:

Pay for Performance:

- Achievement Bonuses and Rewards;

Job ID
REF9823M

Arbeitsbereich
Engineering

Standort
Timişoara

Leadership Level
Leading Self

Rechtliche Einheit
AUMOVIO TECHNOLOGIES ROMANIA S.R.L.

- Recommendation Bonuses for new team members;
- Flexibility Program including flexible hours, mobile work and sabbaticals.

Wellbeing:

- Health & Wellness (Private Health Insurance, Life Insurance, Sport activities etc.);
- Different discounts (glasses, medical, shopping);
- In-house restaurant & coffee corners.

Life-Long Learning:

- Dedicated Programs and Conferences;
- Free Language Courses (English, German, French etc);
- Access to e-learning platforms;
- Career development opportunities (local and international);
- Internal development communities (Experts, Agile Community of Practice, Artificial Intelligence etc).

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**