

HMT is the oldest ASIC design house and producer in Europe. For decades, we have been developing mixed-signal ASICs, modules and microelectronic systems that are used worldwide in sensors and actuators for industry, automotive, medical technology and imaging. With us, you work on innovative technologies that make a real impact – and you become part of a team that combines experience, quality and a forward-looking mindset. **We are looking for you!**

ASIC Test Engineer (m/f/d) – 80% to 100%

Job Overview

We are seeking a highly motivated Test Engineer with expertise in ASIC Production Test as a member of Test Group development team. This role will work with architecture, design, verification, validation, and qualification to ensure our ASICs perform correctly in series production.

Your tasks /career with us

- Provide input for the Test Concept for ASIC Production Test, working with the test and design team
- Work together with the ASIC designers for initial bring-up and debugging
- Develop the test program for the ASICs against the Test Spec, including verification and validation of the test program + Interpret and analyse the results, discuss with the design team
- CPK analysis of the test results
- Debugging the test hardware
- Documentation
- Interface with tester provider for support
- Setup and maintain test equipment

Your competences

- Bachelor's or Master's degree in Electrical Engineering, Computer Engineering, or related field
- 2+ years of experience in ASIC production Test implementation
- 2+ years in software programming (C/C++) of tester for semiconductor
- Experience in coding and debug test programs
- Experience in electronic debugging with a good understanding of physics
- Experience in understanding the functionality of single element components (ADC, DAC, op. amp, LDO, etc)
- Experience with laboratory equipment (Scope, power Supply, SMU, etc)
- Experience in reworking components assembled on PCB (test hardware fixing)
- Strong problem-solving mindset
- Detail-oriented with high documentation rigor
- English mandatory, French or German would be appreciate

What we offer

- Future-oriented corporate culture
- Challenging position in an expanding department, in a growing company
- Daily contact with innovative technology
- Attractive and dynamic working environment, with team members from all over the world

Entry: Immediately or by agreement

Interested? Get in touch and send your resume to:

Andrea Mory, Human Resources Manager: careers@hmt.ch