

HMT is the eldest, and one of the largest, independent contract ASIC design houses and producers in Europe, with over 500 ASIC developments brought into series production since 1978. HMT specializes in “mixed signal” ASICs, modules and microelectronic systems, particularly for sensors and actuators for the industrial, automotive, avionics and imaging markets.

Senior Analog IC Designer (m/f/d) – 80 - 100%

Job Overview

We are seeking a highly motivated **Senior Analog IC Designer** with expertise in ASIC design to lead the definition, architecture, and design of low-power analog and mixed-signal ASICs, translating customer requirements into detailed ASIC specifications and robust silicon implementations.

Your tasks/career with us

- Derive ASIC-level specifications from customer requirements, system use cases, and performance targets
- Define low-power analog and mixed-signal architectures, optimizing power, area, performance, and cost
- Design and verify analog IP blocks such as amplifiers, references, regulators, ADCs/DACs, oscillators, and sensor interfaces
- Perform feasibility studies, trade-off analyses, and power budget assessments
- Conduct schematic design, simulation, verification, and post-layout validation
- Collaborate with digital, verification, layout, and product teams throughout the ASIC development cycle
- Support silicon bring-up, characterization, and customer design reviews
- Interface with customers regarding technical topics

Your competences

- M.S. or Ph.D. in Electronic Engineering or related field
- 8+ years of analog/mixed-signal IC design experience
- Proven expertise in low-power CMOS design techniques and ASIC development
- Strong experience translating customer requirements into design specifications
- Proficiency with Cadence/Siemens design and simulation tools
- Strong understanding of analog design fundamentals, noise, reliability, and semiconductor processes
- Battery-powered, industrial, automotive, or medical applications.
- Sensor interfaces, and advanced low-power architectures.
- Mixed-signal system integration and silicon validation.

We offer

- Future-oriented corporate culture
- Flexible working hours

Entry: Immediately or by agreement

Interested? Get in touch and send your resume to:

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