

Principal Engineer on Test Development - TOM - A OT TM

Your tasks

Technical Operation Management (TOM) is the department which is handling engineering topics related to semiconductor manufacturing process.

As a Principal / Senior Engineer on Test Development you will:

- Define, procure and build the test infrastructure required for IC component development, testing, and qualification according to Design and Quality needs.
- Compare different test systems and solutions in regards of cost, maintenance, availability and risk.
- Align and optimize test infrastructure between different R&D development centers, external suppliers and OSAT companies.
- Define Criteria and prepare 'Make/Buy' Decision whether to build up internal Test Environment or order tests from external Test Houses.
- Analyze planned Test Strategy and define required Test Infrastructure.
- Monitor and optimize the usage load of the test infrastructure to ensure efficient and cost-effective availability.
- Prepare and present reports on test infrastructure status, performance metrics, and key milestones to management.
- Evaluate capability of external Partners in regard of knowledge, quality and agility.
- Plan, maintain and assess qualification of Test Infrastructure according to norms and standards.
- Document capabilities, design and integration of Test Infrastructure.

Your profile

- Degree in Electronics/Electrical Engineering (or relevant) with minimum five years' working experience in semiconductor (e.g., process or product), or subcon management (e.g., Foundries or OSAT).
- Good knowledge in semiconductor manufacturing processes (e.g., wafer process technologies and package assembly), electronic testing (e.g., DFT, Test Hardware, Test Development) and automotive electronic qualification requirements (e.g., AEC-Q100/101).
- Preferable with strong technical proficiency in DFT, Test development and test programming.
- Good interpersonal and communication skills (e.g., Business English, Presentations) to interact with internal and external stakeholders.
- Strong problem-solving skills, results oriented and a quality-focused mindset.
- Team player with proactive attitude, able to work independently and travel occasionally

Our offer



Job ID

REF84278J

Field of work

Engineering

Location

Timișoara

Leadership level

Leading Self

Job flexibility

Hybrid Job

Legal Entity

**Continental Automotive Romania
SRL**

What we offer:

Pay for Performance:

- Achievement Bonuses and Rewards;
- Relocation Bonus for non-Timisoara Residents;
- 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, tires, medical, shopping);
- In-house restaurant & coffee corners.

Life-Long Learning:

- Technical, Soft Skills & Leadership trainings;
- 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 and join us at the start of something extraordinary? Apply now to become a part of AUMOVIO and drive the future mobility together with us!

About us

Continental's Automotive group sector is expected to be listed as independent company "AUMOVIO" in September 2025. With ~93,000 employees worldwide and annual sales of ~€20 billion, we are entering an exciting new era.

AUMOVIO stands for highly developed electronic products and modern mobility solutions. In addition to its strong market position with innovative sensor solutions, displays, and technologically leading braking and comfort systems, AUMOVIO has significant expertise in software, architecture platforms and assistance systems for the rapidly growing future market of software-defined and autonomous vehicles. Our purpose is clear: to make future mobility safe, exciting, connected, and autonomous.