

SMART MICRO-/ELECTRONICS FOR THE AUTOMOTIVE & TRANSPORTATION INDUSTRY

THE NEXT GENERATION OF MICRO-/ELECTRONICS, SENSORS & SYSTEMS

As a German based service provider for the development and production of complex micro-/electronics, AEMtec’s expertise also includes the automotive and transportation industry. Together with our Tier1/2 and leading OEM customers AEMtec offers a complete range of engineering services up to serial production, but has no own products on the market. Every process step is subject to our ISO/TS 16949 certification.

Future electronics in the automotive and transportation sector will be integrated lighter, smarter and higher as well as connected to the environment. Our broad technology-portfolio ensures a smooth implementation of your system application.

ENGINEERING

- Feasibility study/ Proof of concept
- Layouting/(mechanical)design/ redesign
- Long-term availability of components
- DFM, DTT, DTC
- (Rapid)Prototyping under serial conditions
- Design of hard and software for functional tests
- Industrialization/ qualification (A-E samples) and ESD tests

TECHNOLOGIES & SERVICES

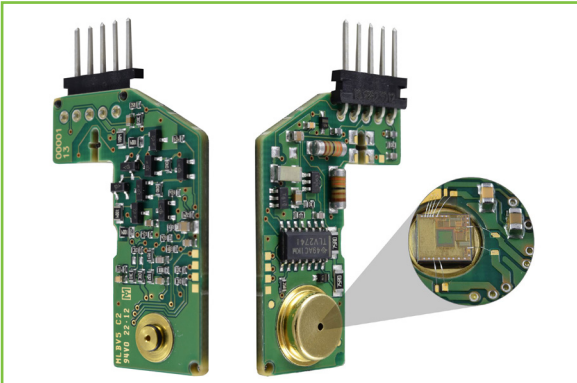
- SMT (01005 in serial), automated underfilling and selective soldering, COB and FC
- Wide range of component assembly (die placement, mechanical elements...)
- 100% outgoing tests (all kinds of functional and electrical tests available + BurnIn + programming)
- Test result tracking and analyses (FPY + link to AEMtec server for detailed results)
- All volume production
- Box-built
- Supply Chain Management

AFTER SALES

- Lifecycle Management (incl. requalification's)
- All levels of component traceability possible
- Longtime storage of EOL components, modules and systems
- Repair service
- World-wide valid insurance
- Successfully audited by Tier1 and Tier2 customers



Robust and reliable micro-electronic systems



SERVICES

Life Process- and test optimization • Module- and process qualification
End-of-Life Services • Storage and prompt supply of EOL demands

TECHNOLOGY

MEMS-assembly • AI-Wire-Bonding • SMD assembly • Sensor Calibration
• 100% Outgoing tests (AOI/functional tests)

VOLUME SUPPLY

180.000 pcs. per year • Complete supply chain management • All
common logistic models



Quelle: ETAS GmbH

SERVICES

Process- and test optimization • Common setup of complete test
environment • Programming • Test result tracking and analyses •
Firmware updates

TECHNOLOGY

SMD assembly • Box-Built • 100% Outgoing tests (AOI/functional tests/
temperature tests/leak tests)

VOLUME SUPPLY

Batch size confidential • Complete supply chain management • All
common logistic models



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