

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.

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

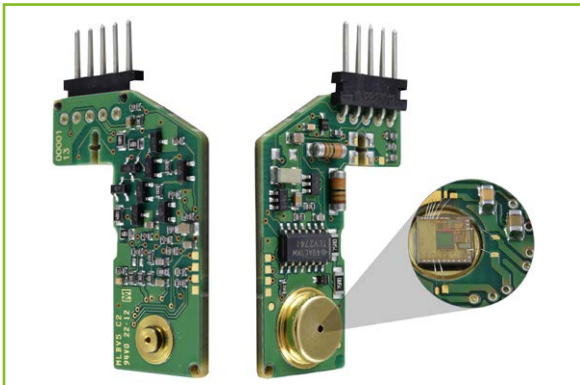
- SMT (01005 in serial), automated underfilling and selective soldering, COB and FC
- Wide range of component assembly (die placement, mechanical elements...)
- 100% outgoing tests (all kinds of functional and electrical tests available + BurnIn + programming)
- Test result tracking and analyses (FPY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



Source: 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 Build • 100% Outgoing tests (AOI/functional tests/
temperature tests/leak tests)

VOLUME SUPPLY

Batch size confidential • Complete supply chain management • All com-
mon logistic models



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