

## Development & Production of Optoelectronics

AEMtec is a global acting specialist for the development and production of a variety of precision optoelectronic products, including components, subsystems, modules and complete systems.

Precision optoelectronic products include Optical Assemblies, Micro-Optics, Imaging Arrays, VCSEL Assemblies, Sensor Systems, Optical MEMs, Hybrid Electronic Assemblies, Active and Passive Alignment. With our broad technology portfolio, we are the right partner for sophisticated solutions in the area of miniaturization.

The range of services includes design and development, industrialization, qualification, prototyping (NPI), testing, serial production as well as supply chain management and after-sales services. [www.aemtec.com](http://www.aemtec.com)

### Extensive Microelectronics Know-How

#### Development and Process Engineering

- Feasibility Study
- Risk Analysis
- DFM Analysis
- Process and Test Development
- Supply Chain Management
- Traceability Concepts
- Rapid Prototyping
- Qualification and Industrialization
- Pilot Production and Series Production

#### High Standard of Technological Equipment

- Cleanroom environment (ISO/class 5/100 to 8/100,000)
- Wafer Back-End: UBM, Solder Ball Attach, Gold Stud Bumping
- Chip on Board
- Flip Chip
- High Precision Placement
- SMT
- Box Build
- Test and Analysis Equipment

### Customer Benefit

AEMtec provides a complete service portfolio all along the value chain to ensure ideal conditions. Customers gain value from the various assembly technologies offered from a single source. Rapid time-to-market of products secures customers' competitive advantage.

### Highly Complex Micromirror Assembly

