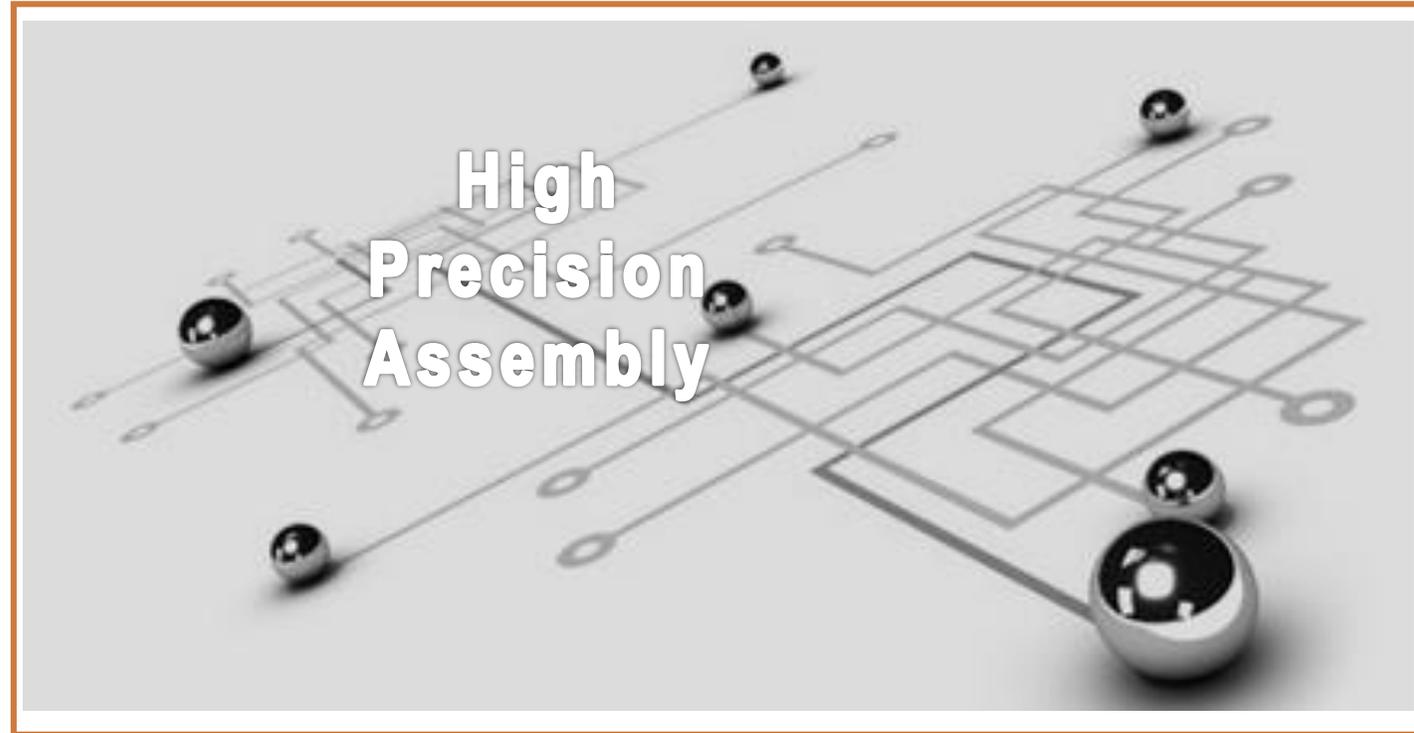


AEMtec AT A GLANCE

STRATEGIC PARTNER

MARKETS

TECHNOLOGIES



# AEMtec - AT A GLANCE



> 195  
highly skilled  
employees



> 60  
customers with  
challenging projects



> 20 years  
experience in the  
area of  
miniaturization



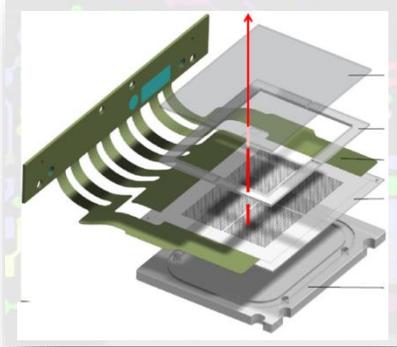
>1750 cups  
weekly coffee  
consumption

Global acting specialist for the development and production of  
precise optoelectronic products

# Advanced Electronic Microsystems

## YOUR STRATEGIC PARTNER

PRODUCT & PROCESS  
DEVELOPMENT



VOLUME  
PRODUCTION

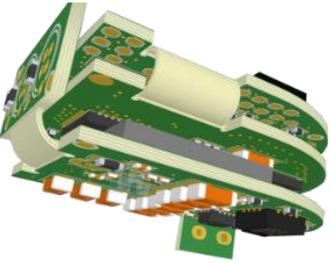


SUPPLY CHAIN  
MANAGEMENT



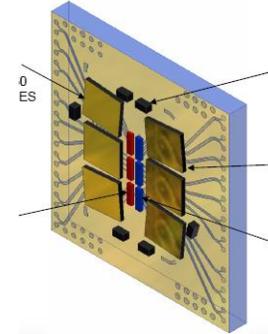
Areas of Excellence

# MARKETS



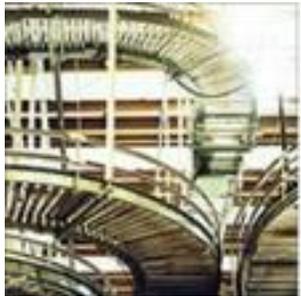
## MEDICAL

Imaging and Acoustic Systems, Laboratory Diagnostic Equipment, Short Term Implants, Wearables, Endoscopes



## DATA AND TELECOMMUNICATION

Receiver, Transponder, Router, Plugs, Switches, Language- and conferencing technologies, Access Points



## INDUSTRY AND AUTOMATION

Rotary angle sensors, Pressure sensors, Optical sensors, MEMS systems



## AUTOMOTIVE AND TRANSPORTATION

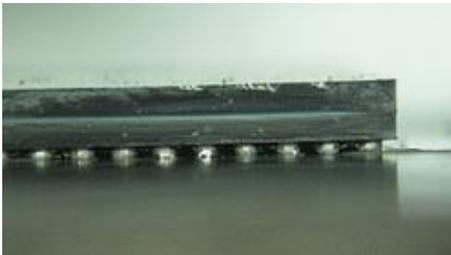
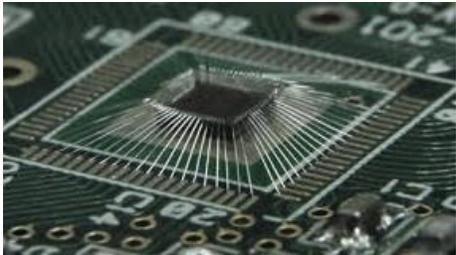
Driver-assist systems, Comfort systems, Control devices, Automotive test rigs, Sensor systems



## SEMICONDUCTOR

Lithography systems, Mask writers, MOEMS

# BRAOD TECHNOLOGY PORTFOLIO

Wafer back-end	High-precision packaging & testing		Positioning, soldering, testing	Module & product assembly
UBM, balling, dicing	Flip chip	Chip on board	Surface-mount technology	Box-build
				

- Under bump metallization (UBM)
- Solder balling down to **50µm diameter**
- Fully automatic: Dicing, Cleaning and UV-exposure
- AU-stud bumping

- Soldering
- Gluing (ACA, ICA, NCA)\*
- Copper pillar
- Thermocompression / Thermosonic bonding
- Underfill

- Die bonding down to **+/-1µm @ 3sigma**
- Al and Au wedge and ball bonding
- Encapsulation
- 2.5D/ 3D packaging
- System in package

- 01005 (mils)/ 0.25 mm x 0.125 mm
- Selective soldering
- Restriction of hazardous substances (RoHS)-compliant processes

- Product co-development
- Prototyping + industrialization
- Serial production incl. repair service
- Worldwide Supply

On all common substrates

Note: 1) ACA = Anisotropic conductive adhesive, NCA = Non conductive adhesive, ICA = Isotropic conductive adhesive

# WHERE YOU FIND US



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**www.aemtec.com**

## Facility in technology hub Berlin - Adlershof

- ✓ Cleanroom production (ISO 5 to 8)
- ✓ 4,300 sqm building area
- ✓ Certifications: ISO 9001, ISO 13485 and ISO 14001

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