

Innovation while driving down cost

We help technology innovators translate ideas into realities, improve processes and products, and protect their brands

Product Innovation & Improvement

EAG scientists and engineers help our clients integrate advanced technology and materials into their designs, new products and manufacturing processes. We enable informed decision-making and remove product development roadblocks for displays, sensors, high-speed communications, energy generation and storage, consumer electronics and more.

Investigation & Troubleshooting

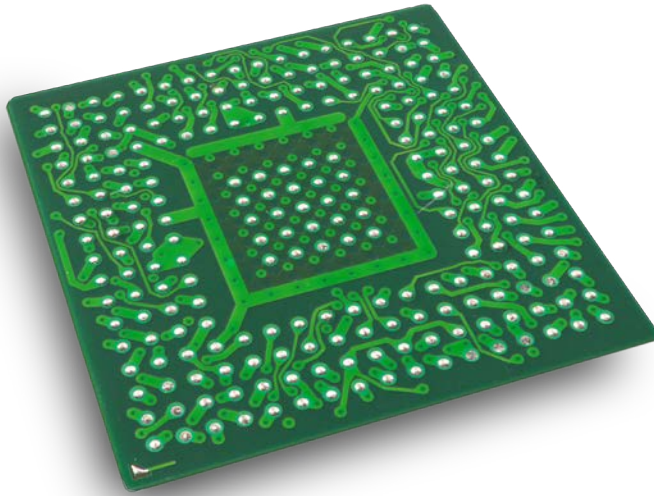
When things don't go as planned, it's critical to have science on your side. EAG has decades of experience investigating issues related to materials identification, composition, structure and chemistry. Our engineers investigate electronic device failures using electrical characterization, test fault isolation tools and microscopy.

Manufacturing & Supply Chain Support

No scientific services company has more experience evaluating, testing and comparing specialized high-tech materials - nor more expertise in advanced testing, debug and failure analysis, FIB circuit edit, ESD testing and reliability qualification. Concerned about counterfeit components? Ask EAG.

Quality Assurance

EAG Laboratories works with QA professionals to ensure component reliability, material purity and consistency, and to resolve cleanliness issues; our engineers offer qualification plan design expertise, as well as environmental and electrical stress tests to mitigate early mortality and failure risk.



Regulatory Compliance

EAG helps our technology clients respond to the complex global regulatory environment with the broadest array of testing services and cross-disciplinary expertise. Our laboratories are fully compliant with relevant regulations, and are ISO 9001- and ISO 17025-certified, as well as ITAR- and DSCC-registered.

How we can help

Materials Testing

- Surface Analysis
- Materials Characterization
- Composition & Material Identification
- Contaminant Identification
- Trace Elemental Analysis
- Advanced Microscopy
- Failure Analysis
- Deformation & Formulation
- Metallurgical Analysis
- Polymer Chemistry
- ATE Test & Engineering

Engineering

- Burn-in & Reliability Qualification
- ESD & Latch-up Testing
- Failure Analysis
- FIB Circuit Edit & Debug
- PCB Design & Assembly

