

FROM FIRST SILICON DEBUG TO RELEASE: ATE TESTING & ENGINEERING



EAG  
Laboratories

## ATE Testing and Engineering at Eurofins EAG Laboratories

Eurofins EAG Laboratories offers a comprehensive range of ATE test solutions, backed by a highly experienced team and a broad suite of advanced test equipment. We provide flexible, right-sized services designed to support your project from the first silicon debug all the way through product release and high-volume production.

Whether you're working with digital or RF devices, requiring wafer sort or packaged part testing, our team is equipped to help you extend your in-house capabilities, reduce risks associated with complex technologies, and accelerate your time to market. From limited-scope engagements to full turnkey solutions, including data sheet analysis and complete test plan development, we tailor our services to meet your unique needs.

Our 24/7 test floor is fitted with cutting-edge platforms from leading industry providers such as Advantest and Teradyne, ensuring we can deliver high-performance testing at every stage of development and production.

Eurofins EAG Laboratories offers:

- Around-the-clock engineering and production support
- A large, skilled team of engineers, technicians, and production staff
- Convenient online reservation system
- Extensive inventory of peripherals, temperature forcing systems, probers, and handlers

With Eurofins EAG Laboratories as your partner, you gain the tools, expertise, and infrastructure needed to accelerate development, improve test coverage, and scale with confidence.



## ATE Testing Services

### A Wide Range of ATE Production Services

Choose from a wide array of production services tailored to meet your specific program needs. We provide the necessary test equipment and skilled operators to ensure seamless execution and high-quality results. Our comprehensive production capabilities include Final Test, Wafer Sort, Lead Scan, Post-Test Marking, Tape and Reel, Bake and Dry Pack, as well as integrated Quality Control Systems, Document Management, Data Archiving, Yield Analysis, Binning, and Statistical Reporting.

In addition, we offer full Product Engineering Support throughout production to help optimize performance and ensure consistent results. With a personalized approach to support, we help you enhance productivity, maintain quality, and control costs effectively.

### ATE Test Development Services

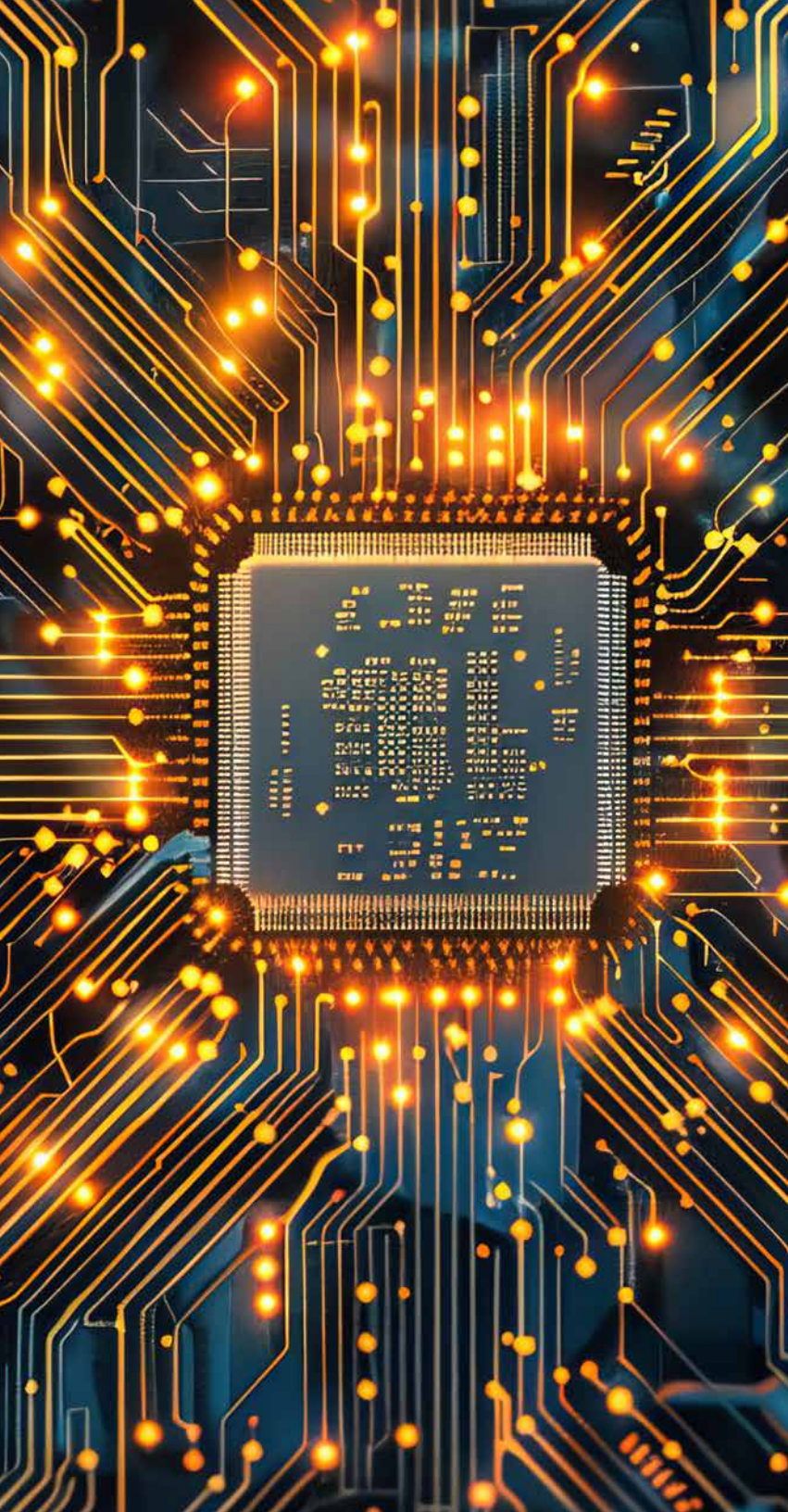
Whether you need testing for a single device or are looking to fully outsource your entire test development process, Eurofins EAG Laboratories is your trusted turnkey solutions partner. Our comprehensive ATE Development Services are built around proven, modular test development methodologies that deliver speed, efficiency, and cost-effectiveness. We bring together a highly skilled team of test and product engineers, backed by experienced project managers, to ensure smooth execution and reliable results at every stage of development.

Our services include:

- Custom test program development
- Expert product and test engineering
- End-to-end NPI project management
- Comprehensive electrical characterization

From concept to qualification, we help you accelerate time to market while maintaining full confidence in your product's performance.





## Test Platforms & Hardware Solutions

### Tester Platforms

No matter the complexity of your devices—Digital, Mixed Signal, or RF—and regardless of package type or pin count, Eurofins EAG Laboratories offers the right test platform to support your requirements. Our diverse fleet of ATE systems includes industry-leading platforms such as Teradyne/Eagle, Advantest, and Cohu, enabling us to handle a wide range of test applications with precision and flexibility.

We give you the option to run your program with your own engineering resources or take advantage of our highly experienced in-house team, offering a collaborative model that fits your operational needs and goals.

### PCB Design and Assembly

At Eurofins EAG Laboratories, we leverage state-of-the-art design tools, including advanced auto-routing capabilities—to efficiently create complex, high-performance PCBs tailored to your specific needs. Our experienced design team partners with you throughout the entire process—from concept and layout to testing and full hardware development.

We specialize in the design, fabrication, and assembly of ATE load boards and probe cards, delivering high-quality, reliable solutions that meet the demands of even the most challenging test environments. Whether you need rapid prototyping or production-ready designs, our expertise ensures your hardware is built for performance and precision.

## EAG offers a Full Life Cycle of Services

Eurofins EAG Laboratories provides a full suite of engineering services designed to support every stage of the semiconductor product lifecycle. Our capabilities are backed by deep technical expertise and state-of-the-art equipment, enabling us to deliver precise, efficient, and scalable solutions for even the most complex challenges.

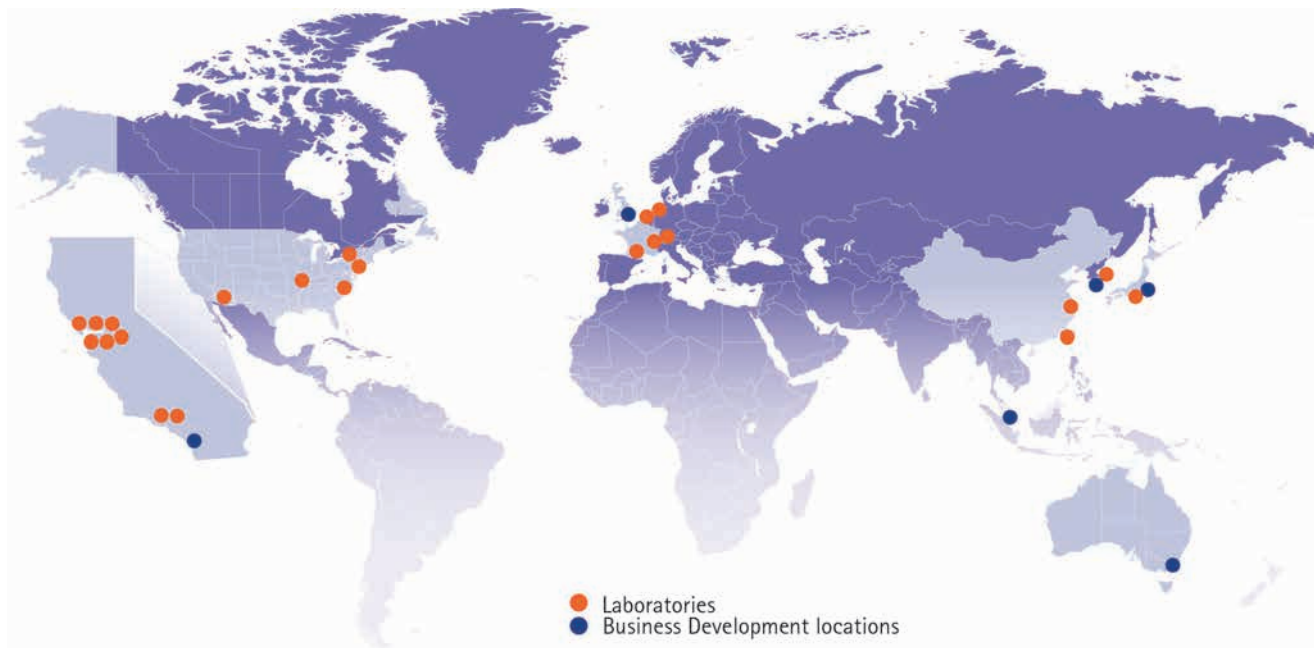
Our services include:

- ATE Test Development and Pilot/Production Test
- Burn-in and Reliability Qualification
- ESD and High-Power Latch-up Testing
- Debug and FIB Circuit Edit
- Failure Analysis
- Advanced Microscopy (SEM, TEM, FIB/SEM)
- PCB Design and Hardware Development

From initial design through development, testing, analysis, and failure debug, our engineering sciences team provides the insight and support needed to accelerate time to market, improve product quality, and reduce risk. With Eurofins EAG Laboratories, you gain a trusted partner equipped with the expertise, processes, and infrastructure to deliver results.



Scan here to learn more about our services and capabilities.



## About Eurofins EAG Laboratories

When it comes to understanding the physical structure, performance, chemical properties and composition of materials, no other scientific services company offers the breadth of experience, diversity of analytical techniques or technical ingenuity of Eurofins EAG Laboratories. We don't just perform testing, we drive commercial success—through thoughtfully designed investigations, technically superior analyses, and expert interpretation of data.

We deliver multi-disciplinary, problem-solving expertise to help our customers accelerate innovation, ensure quality and safety, and protect intellectual property. Whether you are seeking to reduce time-to-market, solve manufacturing problems or ensure regulatory compliance, turn to Eurofins EAG. We know how to bring the power of science to every phase of your product lifecycle.

- 20+ facilities located in the US, Europe, and Asia
- 2,500+ instruments
- 1,000+ highly-educated employees
- Serving more than 5,000 clients worldwide
- Revenue sourced from more than 50 countries

+1 800-366-3867

[WWW.EAG.COM](http://WWW.EAG.COM)

## Complete Lifecycle of Services



PRODUCT INNOVATION  
& IMPROVEMENT



INVESTIGATION &  
TROUBLESHOOTING



QUALITY  
ASSURANCE



MANUFACTURING  
SUPPORT



FAILURE  
ANALYSIS



REGULATORY  
COMPLIANCE



MANUFACTURING &  
SUPPLY CHAIN SUPPORT



CONSULTING &  
LITIGATION



eurofins

EAG  
Laboratories