



**EOS
ESD**

**ASSOCIATION
SERVICES, LLC**

**INDUSTRY LEADERS BRINGING
YOU UNPARALLELED SOLUTIONS
FOR ALL YOUR NEEDS**

01

Test Lab Services

02

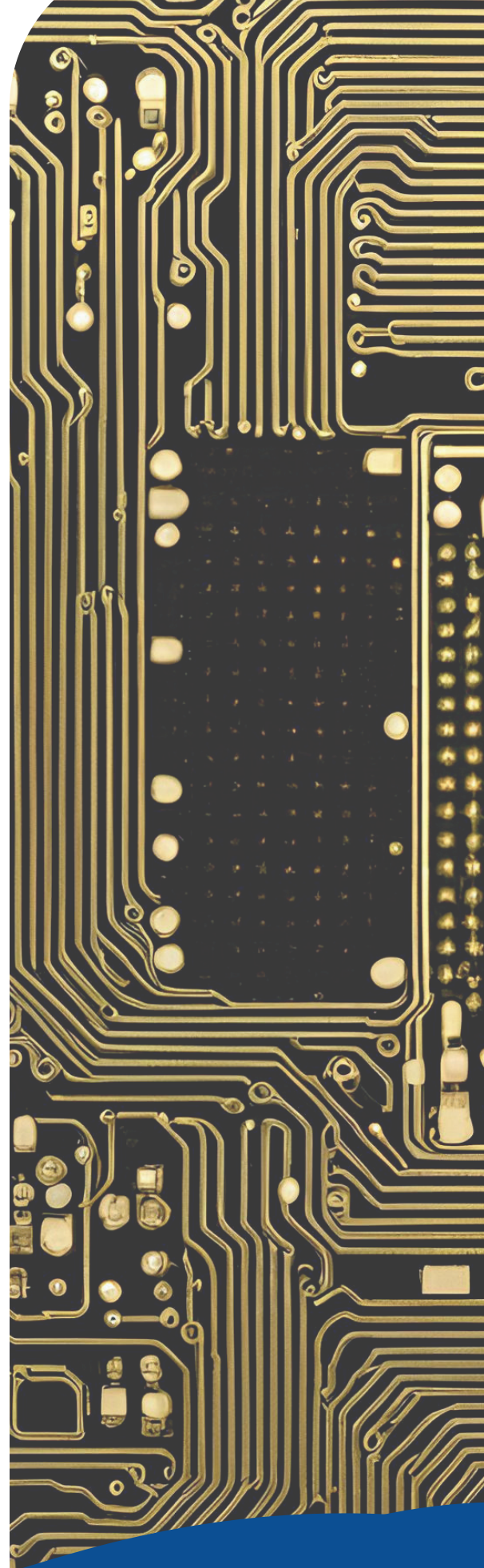
Consulting Services

03

**ESD/EOS Diagnosis
and Resolution
Services**

04

**ESD Debug and
Analytical Support
and Consultations**





**EOS
ESD**

**ASSOCIATION
SERVICES, LLC**

EOS/ESD Association, Inc. volunteers and members wrote the standards and are the contractors employed by EOS/ESD Association Services, LLC. Our contractors are the ESDA members who chair our working groups and committees who develop the standards, test methods, and processes you rely on.

EXPERTISE | COMPLIANCE | RELIABILITY

TEST LAB SERVICES

- Product and material characterization of static dissipative properties in compliance with all major ESD standards including ANSI/ESD, MIL STDS, IEC and other international standards.
- Product Qualification testing as specified by ANSI/ESD S20.20 in our ISO 17025 compliant Lab utilizing a comprehensive suite of calibrated ESD test equipment, temperature/humidity-controlled gloveboxes, onsite controlled environment room, and expert personnel.
- Reliability and ESD susceptibility testing of devices and systems utilizing HBM, CDM, and MM simulators to assist with compliance testing, R&D, and troubleshooting in accordance with ANSI/ESD and JEDEC standards.
- Experienced, expert team of ESD Program Managers and ESD Electrical Engineers can customize evaluation and testing to assist with R&D and troubleshooting of everything from nasal gel to satellite components.

CONSULTING SERVICES

- Onsite Consulting and Testing Services for compliance verification of ESD Control and Work Area Materials Qualification per ANSI/ESD S20.20 and the applicable underlying standards.
- Evaluate ESD risks and root causes to mitigate and prevent safety, quality, and reliability hazards in manufacturing and clean rooms.
- Customized training for learning ESD foundational principals and ESD test equipment usage is available and tailored for specific needs

ESD/EOS DIAGNOSIS AND RESOLUTION SERVICES

- Diagnosis of ESD and Latch-Up related qualification / characterization failures, including HBM, CDM and IEC test diagnostic assistance, analysis of product failure analysis
- Assistance with correcting above designs with ESD / Latch-Up failures
- Diagnosis of electrical overstress (EOS) damage and application EOS mitigation techniques

ESD DEBUG AND ANALYTICAL SUPPORT AND CONSULTATIONS

- ESD Design reviews
- ESD analysis
- ESD Debug
- Testing support
- Failure Analysis support



Phone.

315.339.6937



Email.

lpimpinella@esda.org



Website

<https://www.esda.org/eosesd-association-services-llc/>