



**Presto Engineering** provides comprehensive semiconductor product engineering and production solutions to IDM, fabless and electronics companies, contributing to improving ramp time, margins and quality of new products.

We are recognized experts in the development of test solutions, for component characterization and production. This expertise, combined with state of the art ESD, reliability and failure analysis capabilities, produces a competitive advantage for our customers in optimizing end-product performance, including accelerating time to market. We offer turn-key solutions from customer tape-out to delivery of finished goods to end-customer(s), including assembly, test, qualification, industrialization, and production sustaining activities.

Presto Engineering is headquartered in San Jose, California and has operations in Europe (Caen, Meyreuil, Grenoble).

**Failure Analysis Services:** Presto Engineering offers a wide range of Failure Analysis (FA) capabilities, for advanced CMOS, specialty semiconductor as well as electronics (specifically Printed Circuit Board), through its **own equipment** and **mutualized platforms** Cimpaca (MicroPacks and Characterization).

**Tools:** XRay, CSAM, Decapsulation tools, PEM, OBIRCH, IR Thermography, SEM/EDX, FIB edit and lamella preparation, TEM, sample preparation tools, chemical analysis (SIMS, XPS)...

**Reliability services:** Our reliability services include all stresses necessary to qualify and release a new product to volume manufacturing. **Our experts** are available to develop the most appropriate qualification plans for the mission profiles of your products (standards JEDEC, AEC, MIL...). Our **on-staff designers** develop the custom hardware required for biased stresses.

Electrical stresses (ESD, EOS, Latch-up,...)

Environmental stresses (Burn-in, HTOL, LTOL, HAST, TMCL, HTSL, Salt spray...)

**Test services:** Presto Engineering operates complete test floors supporting test engineering, program and interface development, and production. Comprehensive technical services to support your applications in following markets: Communications DC to 86GHz, Secure payment (contact or contactless), IoT (B2B & B2C), Consumer, Automotive & Medical, Aerospace & Defense.

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