

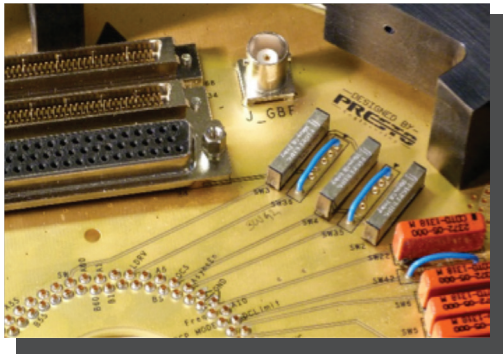
Presto Engineering Test Services

Presto Engineering's Test Services Seamlessly Bring Your Device from Datasheet to Production

Our services cover all aspects of test, from test plan generation; to hardware and software development; to validation, correlation, ramp and production. Our experts include application engineers, product engineers and tester designers who have deep experience in digital, memory, mixed-signal and RF applications.

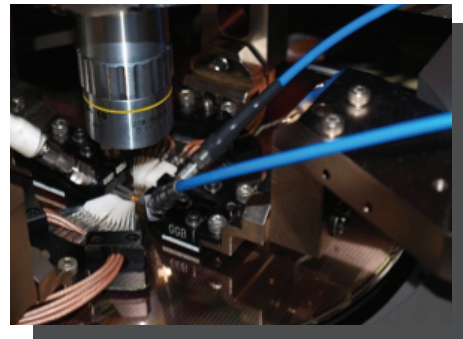
A Proven Test Development Flow

Based on years of development practice, our standard test flows give our customers the ability to start at any level -- we can develop test plans from datasheets or optimize flows from existing plans. Our internal groups design loadboards and probecards up to very high-performance digital, analog and RF requirements. Our test engineers are experts in balancing very fast test time with effective test coverage. Our on-staff product engineers will accelerate validation, correlation and manufacturing release.



A Unique RF Expertise

Our application coverage extends from DC to microwave and millimeter wave, up to 100GHz. We have leveraged our deep understanding of ATE and RF technology into an optimized test solution for mainstream RF applications. We have developed unique methodologies and test frameworks for very low cost-of-test, such as the Echo™ solution. We also have a proven track record in probing and testing very high speed and high bandwidth (up to E-Band) devices, in both development and production.



With more and more advanced RF applications going bare-die to module, our ability to test millimeter wave RF at wafer-level is both unique and critical for known-good-die flows.

When general-purpose instrumentation is not cost effective or fast enough, we leverage our design expertise to develop our own test solution, including both hardware and software. Our capabilities include custom PXI™, LabView™, TestStand™ projects as well as full-custom hardware designs.



Validation and Characterization

Our product engineering teams use industry-standard data mining tools to provide comprehensive validation and characterization reports and analysis. Our customers can also take advantage of our co-located reliability and failure analysis laboratories to complete qualification and manufacturing release in record time.

From Engineering to Production

Our services start with developing test solutions and extend out to supporting ramp, lowering cost of test with multi-siting, and providing our customers with pre-Asia production capabilities, for both EWS (probers) and final test (handlers). Our business model includes turn-key engagements whereby we manage the whole back-end flow (including assembly) up to providing known-good products.

When volume warrants it, we also facilitate transfer to our high-volume OSAT partners.

Capabilities

All major ATE and peripheral brands

- Analog, RF
- Mixed-signal
- Digital
- Probers (up to 12")
- Handlers (tri-temp)

Advanced RF

- E-Band
- V-Band
- Ka/K/Ku-Band
- FD - Frequency Domain, TD - Time Domain, BERT
- CMOS, SiGe, GaAs, InP, GaN



About Presto Engineering - an ISO 9001:2008 and ISO 17025 company

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. Additional information is available on the company's website at www.presto-eng.com.

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