

ChipTest Engineering

About ChipTest

- Established in 2005, ChipTest is an IC Test & Automation Company
- 2 Core BUs: Test Engineering and Wisteria
- Over 30+ Years of Test Engineering Business Experience
- ISO 9001:2015 Certified; Operations in India, Singapore & Malaysia
- Cost effective Offshore & Onsite solutions, providing Turnkey Product & Services Support
- Philosophy: Business Beyond Profit; Long-Term Value-Added Partnership Business Model
- Associate of the Valingro Group that facilitates, develops & build Enterprises girded by Values

Vision Mission

Consistently excel in Semiconductor IC Test Engineering & Hardware Products with associated Embedded

Solutions for global Customers

Exceed the fast emerging needs of our Customers by:

- > Accelerating time-to-market thru continuous Innovation & high Quality
- Providing unparalleled Service that is Versatile & Cost-effective

Values

- Business Ethics defines us as a Company
- 2. Professionalism defines us as Individuals
- 3. Citizenship defines our contribution to society

Corporate Objectives

- Profit earnings that enable achieving other 4 objectives
- 2. Client Satisfaction
- 3. Competence
- 4. Employee Satisfaction
- 5. Growth



Quality Policy

"To consistently excel in Semiconductor Test Software and Hardware Solutions and exceed the fast emerging needs of our Customers through continuous innovation, high quality, accelerated, versatile & cost–effective services, along with increasing value addition to all stakeholders"

Quality Methodology

- Quality Controlled Process flow approach
- Archival of Process records and Quality data
- Closely monitored Corrective Action Systems
- ISO 9001:2015 Certified





- (1) Test Engineering BU
- **New Product Development**
- **Program Conversion from Legacy platforms**
- Product Design documents / Datasheet Review
- Test Plan Derivation for New Silicon Products
- Vector Conversion Design to ATE Format
- **Product Characterization & Correlation**
- **Engineering to Production Integration**
- Test Time, Yield improvement
- Test Coverage improvement
- **Manufacturing Support Services**
- **Product & Test Engineering**
- Offshore Customer centric Test Centres
- Dedicated Teams, Fast Time to Market
- Customers IDM, Fabless, Start-up, Subcon

Business Units (BU)

- 1. Test Engineering
- Wisteria Hardware Products & Automation Solutions
- **Allied Services**



ATE & Bench Capabilities

- Advantest 93K, T2000 IPSE, IPS
- Teradyne ETS 800 / 364 / 88, J750, iFLEX, UltraFLEX
- LTXC ASL1K
- Offline ATE Simulators
- Bench Power Supplies, Oscilloscopes,
- V/I Meters, Thermo stream & Others
- Remote Login Access

(2) Wisteria - Hardware Products & Automation Solutions BU

- ATE HW's Adv 93K / T2K, Ter Flex / J750, ETS 364 / 800 / 88
- Tester Load board, HIB, PIB, Probe card, Handler Adaptor, Eval boards
- HTOL / HAST / BI boards
- Eco-Partners for Trunkey Hardware development support
- Compliance to IPC-A Standards

PCB Capabilities



Automation



- Pick & Place Solutions for Industries
- Poke yoke system implementation
- **Process Control Monitoring Systems**
- **Auto Liquid Dispensing Systems**
- Low-Cost Tri-Temp Handlers
- Handler Conversion Kits & Test Sockets

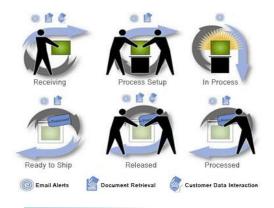
- OEE Dash boards of inline Equipment's
- Auto Screw Feeding System
- **Auto Mounting & Inspection Systems**
- **Automotive Functional Test Systems**
- **Health Care Automation**
- Food Products line Automation



(3) Allied Services

- Wafer Sort & Final Package Level Production Testing
- Proto-Type Samples Packaging & Small Volume production
- New Product Reliability Qualification
- ESD/Latch-up Qualification
- ATE Equipment Installation & Maintenance Support





Delivery Methods

- Well defined Process Flow documents & Checklists
- ISO Work Procedures and Standards
- Setting & Monitoring of Key Performance Indices
- Project Scheduling & Milestone Tracking
- Systems for Continuous Process Improvement
- Customer specific Qualification Process

Customers

- Global Semiconductor Customer base
- Markets India, Asia Pacific, Europe, America
- Device & Equipment Manufacturers, Design Houses, OSATs & ATMPs
- Consumer, Industrial, Automotive, Defence, Medical Applications
- Inbuilt Long-term Partnership Model





Infrastructure

- 20K sq.ft Facility with fully furnished Office space
- Well Equipped Static Dissipative Flooring with ESD Controls
- Temperature & Humidity Controlled Environment
- Long term Partners for Supply Chain Management
- High Speed Internet Connectivity with Remote Accessibility
- Located in heart of Chennai, proximity to Airport, Seaport, Rail & Road

Logistics

- 100 % Export Oriented Unit (EOU)
- Green Channel Status for Imports & Exports
- Zero Duty with Expedited Customs Clearance
- Convenient Logistics for Equipment Consignment
- Daily Connecting Flights to all Countries
- Direct drop shipment to End Customers







Professional Team

- Well Experienced Leadership
- 50+ Years Total Test Engineer Experience
- Qualified & Skilled Test Personnel
- Proficiency in Communicating in English
- Ready availability of Resources for expansion

Human Resources

- Recruitment of Talented Engineers from Reputed Institutions
- Continuous & Standardized Training Methodologies
- Periodical Performance Appraisal Review
- Employee Appreciation & Rewarding Schemes
- Performance based Long Term Career Growth Plans



Socio-Economic-Contribution (S-E-C)

- Volunteering one's time to improve society
- ▶ Phase 1: < 35 Years of Age Focus on Career Building & Establishment</p>
- Phase 2: 35 to 65 Years of Age Ability to contribute to Economic Development
- Phase 3: >65 Years of Age Ability to contribute to Social Causes
- S-E-C is to contribute socially in Phase 2 along with Economic Development
- 3 Areas identified to assist us in achieve this
 - Following discipline in any and everything we do
 - o Providing a helping hand to people around us in any way we possibly can
 - Showing the right path forward to people around us

Value Proposition

- Cost Effective One Stop Turnkey Test Solutions
- Customer-wise Dedicated & Talented Team
- Unparalleled 24x7 Service throughout the year
- Proven Track Record with focus on long term values
- Cutting edge Hardware & Embedded Technologies
- Enhancing the Time to Market for new Products
- Closely held partnership model with all Stakeholders

