

A Small Company with a Big Footprint!



Company Overview

May 2021

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Singapore



San Jose, CA



Philippines

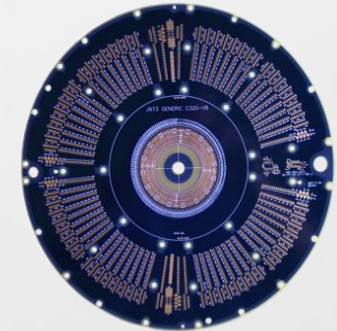
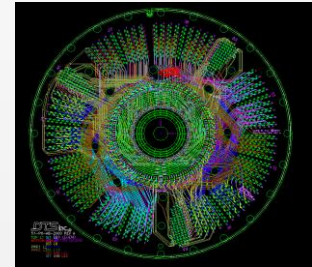
Dynamic Test Solutions (DTS) provides custom high performance tester interface hardware to a broad range of semiconductor automated test equipment (ATE) and laboratory board customers, including many in the Fortune 500.

DTS Business Model

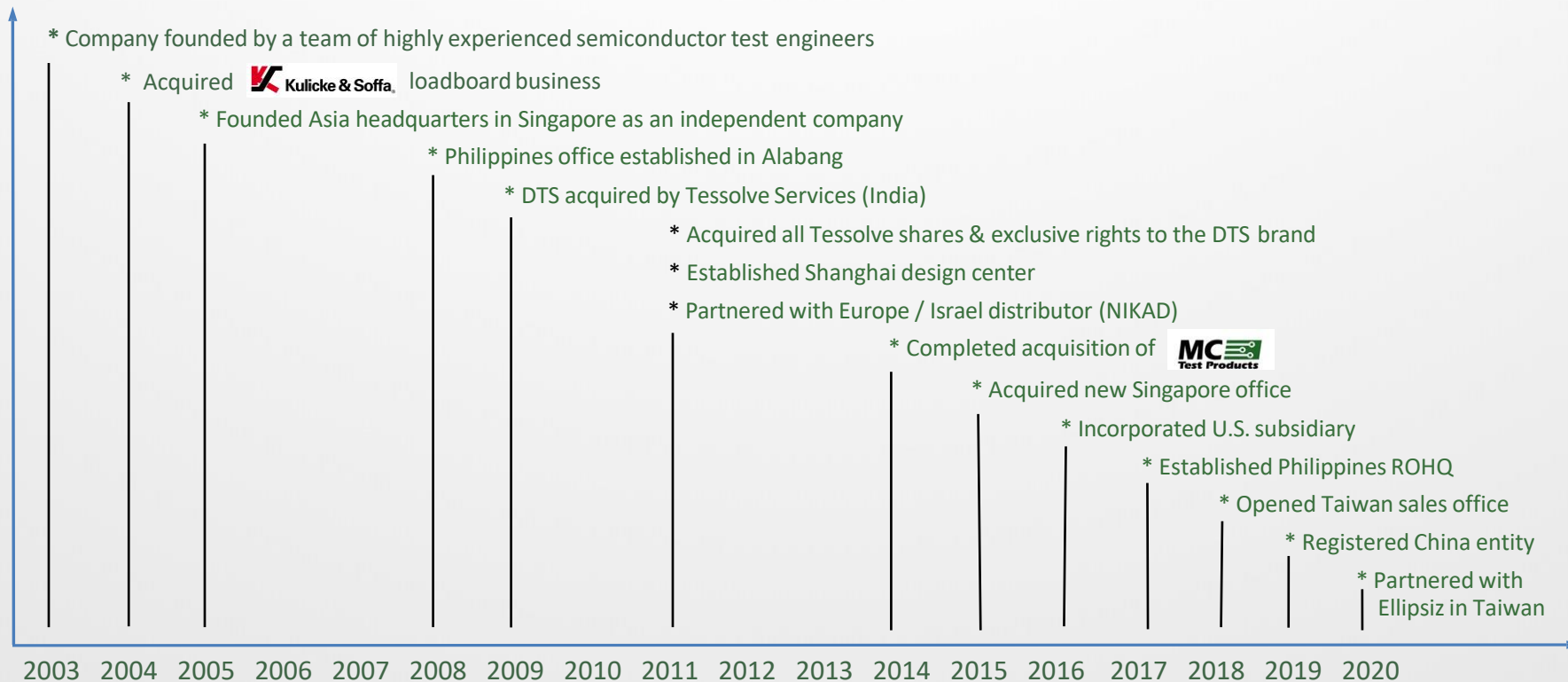
- *Global Presence*, providing a single partner worldwide and delivering cost advantages
- *Comprehensive Engineering Knowledge* of semiconductor applications and testing
- *Flexible Custom Solutions*, including complete turn-key alternatives

DTS Product Offerings

- Final test loadboards (DIB, DUT boards, HIB)
- Wafer test hardware (probe cards, PIB)
- Lab boards (FA, bench, design verification, reliability)
- Turn-key solutions (sockets, stiffeners, interfaces)



Our History



Industry-leading quality is a key DTS differentiator. We emphasize quality throughout our entire process, from engineering engagement to customer support. We constantly improve ourselves by adapting to the latest cutting-edge technologies.

We employ a comprehensive series of Quality Control procedures in every step of design and manufacturing. All DTS boards are fabricated in ISO9000 certified PCB fabrication facilities. We have a 100+ point quality checklist that is completed on every job. ***DTS stands behind its products and warrants all boards to be free of all defects for a period of 90 days after shipment!***



Global Presence



| Location | Application Engineering | Design Engineering | Sales | Customer Support | Operations |
|-----------------------------|-------------------------|--------------------|-------|------------------|------------|
| Singapore - HQ | ✓ | ✓ | ✓ | ✓ | ✓ |
| U.S.A. | ✓ | ✓ | ✓ | ✓ | ✓ |
| Philippines | | ✓ | ✓ | ✓ | |
| China | ✓ | ✓ | ✓ | ✓ | ✓ |
| Malaysia | ✓ | | ✓ | ✓ | |
| Taiwan (Ellipsiz) | ✓ | | ✓ | ✓ | |
| Europe, Israel (DTS/ NIKAD) | ✓ | | ✓ | ✓ | |



DTS is Where You Are!

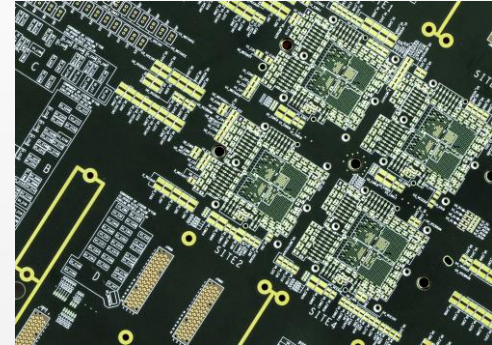
Design

- Support Across All Design Software Platforms
- RF Simulation and Signal Integrity Modelling
- Template & BOM Creation
- Component / Symbol Creation (Librarian Services)
- Schematic Capture
- Component Placement
- Physical Routing
- Post Processing
- Design QC Services (DFM, DRC, Specification Validation)
- Fab Preparation
- Pre-Fab Stack Up



Fabrication

- Complete Turn-Key Services
- Service Across All Board Complexities
- U.S. and Asia Based Manufacturing
- In House Pre-Fab CAD / CAM and QC Processes
- Vendor Order Management
- Typical Cycle Times: 7-10 days (Expedite Options Available)



Assembly

- Component Sourcing and Procurement
- Both Hand & Automated Assembly
- Vendor Order Management
- Application Support
- Assembly Metrology Tools at All 3rd Party Assembly Partners



Bench & Characterization Boards

- Engineer, Design, Fabricate & Assemble Custom Boards for:
 - Device Characterization and Verification
 - Bench Testing
 - Failure Analysis
 - PXI/PXIe Interface Hardware
 - High Frequency RF Testing
 - General Laboratory Use
- Dedicated Applications and Design Engineering Delivering Flexible Solutions, Short Lead Times and Excellent Quality
- Support for Product Transition from the Lab to Production Release
- Very Fast Growing and Strategic DTS Business Segment



Tester Platforms Supported (1 of 2)



ADVANTEST®

HP82000
HP83000 (F660)
HP83000 (F330)
HP83000 (MCU)
93K PinScale
93K PortScale
93K WaveScale
94000/9490
EVA100
4071
V3300
V5400
T2000
T5581/T5591
T6671
CX1000

TERADYNE

J750
J971/J973
J993/J994/J995
J996/J997
A5xx
Catalyst
Tiger
Integra Flex
Ultra Flex

**NATIONAL
INSTRUMENTS™**

Bench Lab Boards
T-Bench
STS Series: T1 / T2 / T4

teseda

Triage
V520
V550

LTXcredence

X-series
Trillium
Synchro
Fusion
ASL1000/3000
D10
Diamondx
Quartet
Kalos

Tester Platforms Supported (2 of 2)



GT
PT
VT
Maverick
Universal ST
Magnum
Magnum II



S450
4200



3650
3380/3380P



ETS 88
ETS 300
ETS 364
ETS 800

Summary of Strengths



- **Strong Global Sales & Engineering Presence**
- **Key Strategic Partnerships**
- **Comprehensive Tester and Test Methodology Knowledge**
- **Flexible Custom Solutions, Including Turn-Key**
- **IP: Tester Instrumentation Knowledge (Proven Template Database)**
- **Ability to Capture and Support Entire Product Lifecycle (NPI thru HVM)**
- **Established Position Within Customer New Product Development & Engineering Groups**
- **Ability to Enable Fast Capacity Ramp Ups for Customers**
- **Integrated Design and Simulation Process**
- **Ability to Support Customers Across Multiple Board Types and Complexities**

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Thank You!



CONTACT DTS: *Singapore +65 6873-4610*
Philippines +63 2842-2429
Taiwan +886 3553 3511
Europe: saleseurope@dynamic-test.com

U.S.A. +1 408-264-8880
China +86 137-6426-6580
Malaysia +60 175-043-101