

*A Small Company with a Big Footprint!*



## *Company Overview*

January 2022

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**Singapore**



**San Jose, CA**



**Philippines**

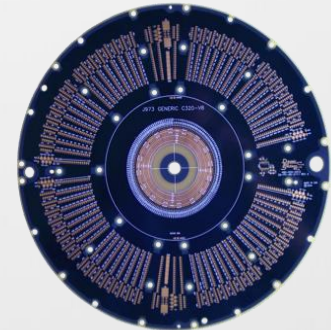
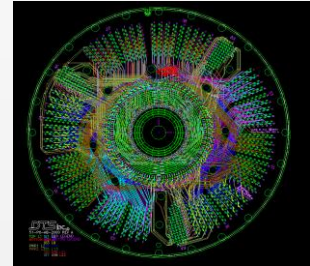
Dynamic Test Solutions (DTS) provides custom high performance tester interface hardware to a broad range of semiconductor automated test equipment (ATE) and laboratory board customers, including many in the Fortune 500.

## DTS Business Model

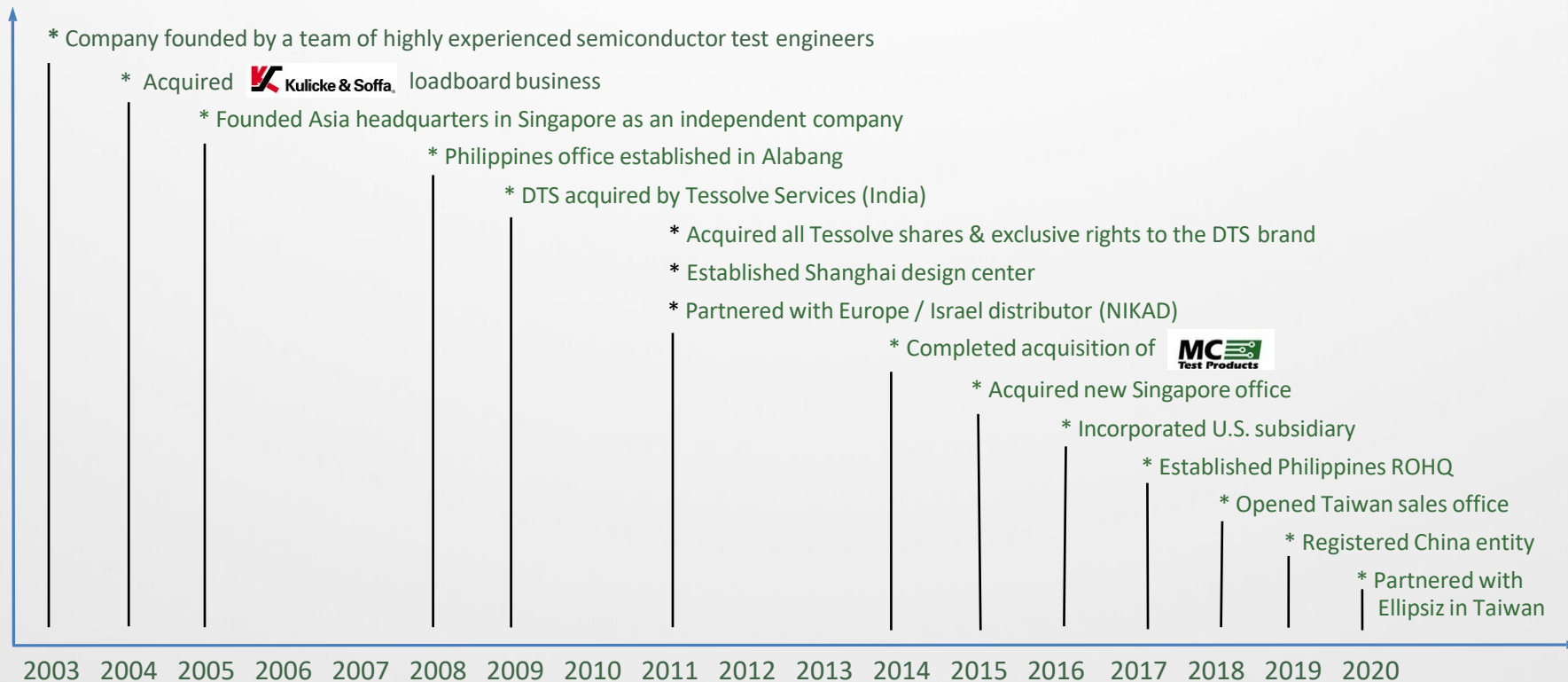
- *Global Presence*, providing a single partner worldwide and delivering cost advantages
- *Comprehensive Engineering Knowledge* of semiconductor applications and testing
- *Flexible Custom Solutions*, including complete turn-key alternatives

## 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)

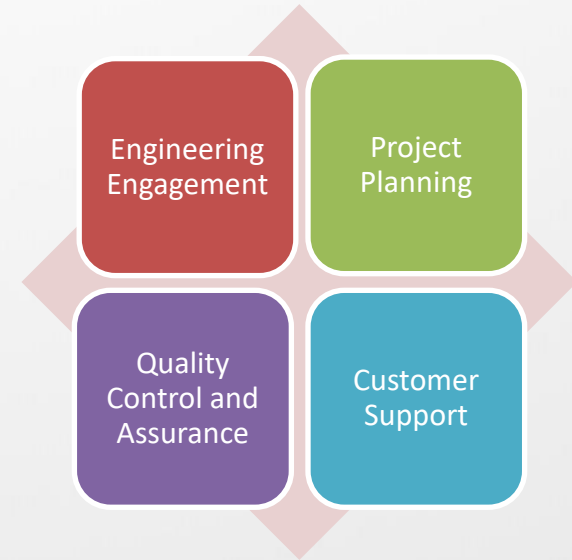


# Our History



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!***

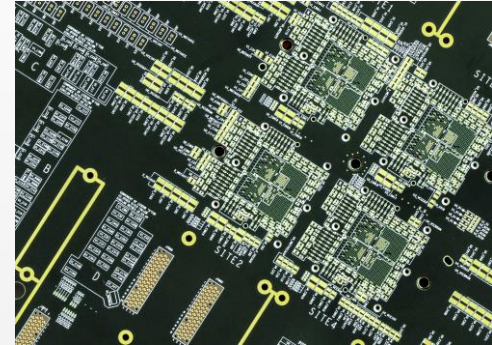
## Design

- 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



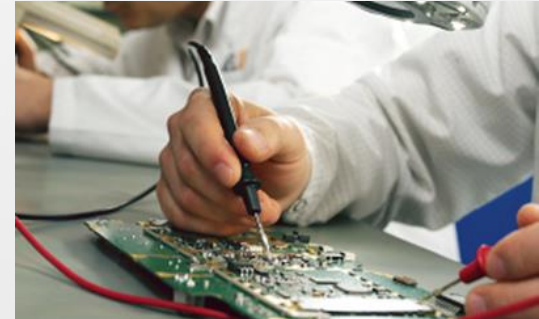
## Fabrication

- 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 3<sup>rd</sup> 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



**ADVANTEST**<sup>®</sup>

93K Pin Scale  
93K Port Scale  
93K Wave Scale  
94000/9490  
93k EXA Scale

**TERADYNE**

J750  
J971/J973  
J993/J994/J995  
J996/J997  
A5xx  
Catalyst  
Tiger  
Integra Flex  
Ultra Flex  
IP750EX-HD

**NATIONAL INSTRUMENTS**<sup>™</sup>

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

**LTX**redence

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

**NEXTEST**<sup>™</sup>  
SYSTEMS CORPORATION

GT  
PT  
VT  
Maverick  
Universal ST  
Magnum  
Magnum II

 **EAGLE TEST SYSTEMS**

ETS 88  
ETS 300  
ETS 364  
ETS 800

 **teseda**

Triage  
V520  
V550

**Chroma**

3650  
3380/3380P

**KEITHLEY**

S450  
4200

# Summary of Strengths

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- **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**

***A Small Company with a Big Footprint!***

# Thank You!

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