



***Solution to Obsolete
Semiconductors
Innovative, Re-create,
Manufacture, Test***

INNOVATION ASSURED

QUALITY ASSURED

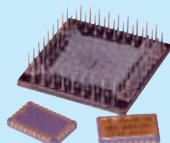
DELIVERY ASSURED

PERFORMANCE ASSURED

MANUFACTURING

MEMORY (MONOLITHIC)

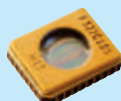
- SRAM



- EEPROM



- UVEPROM



- FLASH



- SDRAM



LINEAR/ANALOG

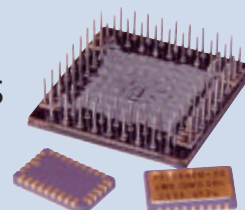
- OP AMPS
- REGULATORS
- COMPARATORS

- A/D.D/A CONVERTORS
- REFERENCES
- CONTROLLERS



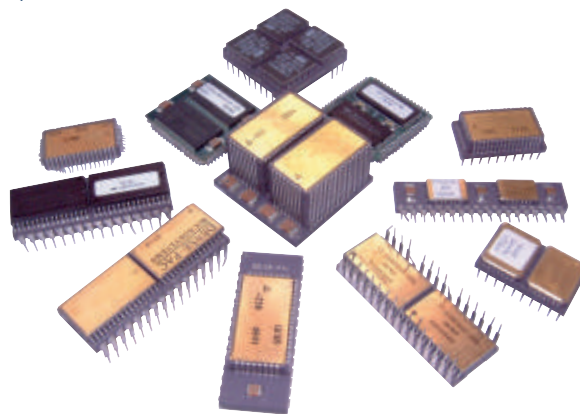
CUSTOM

- FPGA – ASIC CONVERSIONS
- MCM'S
- COMPLETE DESIGNS
Assemblies & Custom Packaging.



MODULES & MCM (MULTI CHIP MODULES)

- SRAM
Equivalent to Puma, Versapac, HIP, Stack, 3D
- EEPROM – UVEPROM
Equivalent to Puma, Versapac, HIP
- FIFO
Equivalent to IDT, AMD, Cypress
- MIXED TECHNOLOGY
Equivalent to Puma, Versapac, White (WEDC)



SERVICES

Ceramic Package Assembly

- Monolithic
- MCM
- Designing of Custom Packages

Screening

- MIL-STD-883, QML & Standard Military Drawing (SMD)
- Commercial, Industrial, Military & Custom Screening Flows
- Full Environmental Testing, 100% Lot screening, QCI Qualification
- Customer Source Control Drawings (SCD)

Product Supply

- Parts Management
- Manage End-Of-Life (EOL) Procurements

Electrical Test

- Plastic Up-Screening
- Burn In, Dynamic & Static
- Temperature Testing from -55°C to +200°C
- Extensive Library of Software Programs
- Software Development

Quality Conformance Inspection

- MIL-STD-883, Lot Qualification Group A, B, C & D Testing
- Steady State Life Burn-In
- Destructive Physical Analysis (DPA)
- Hast Testing

Plastic Assembly & Screening

- Re-screening: Industrial & Mil-Temp

Authenticare™ Ensuring Product Specification

Force Technologies offers multiple levels of device authentication for the end customer and/or purchasing agents peace of mind. These multiple levels range from minimal visual verification to SMD or Mil specification.

Combating Tools:

- Video Microscopy against recognised standards
- DDI Device Die Identification. Counterfeiters are not able to change wafer masks
- CPI- Critical Parametric Identification. Counterfeit devices typically all have unique variances to the actual device specification
- DMV-Die Metallurgical Verification. S.E.M investigations

Testing, Verification & Policy:

- Multiple levels of parametric and mechanical device authentication
- DC testing up to SMD or Military Compliance
- Read & Record Data available

INNOVATION ASSURED

Obsolescence of semiconductors can be a complex problem, and re-creation can often involve innovative additions to the functionality of a component. Working to your defined scope, our manufacturing facilities provides a viable, cost-effective solution (in quantities large or small), to complex and simple obsolescence problems.

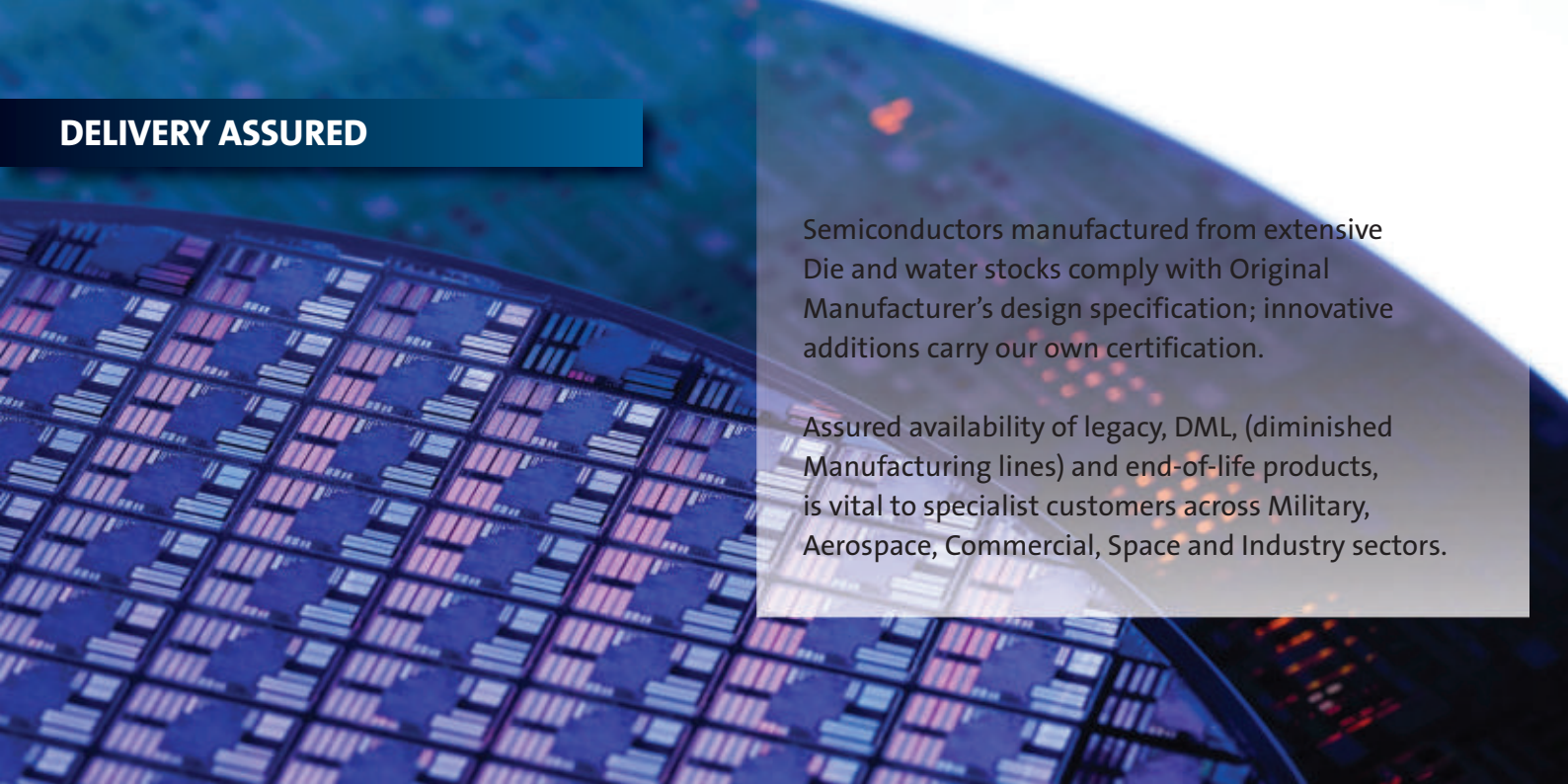
QUALITY ASSURED

Force Technologies Ltd. is committed to delivering the highest quality products & services to our clients. Replacement semiconductors, alternative or equivalent components are sourced and manufactured according to our customer's needs; our comprehensive testing ensures all products are fit for function.

Quality awareness is demonstrated across our entire organisation; ongoing investments in modern equipment, personnel development and business systems ensure continued improvements to our quality assurance.

AS 9100 Accredited





DELIVERY ASSURED

Semiconductors manufactured from extensive Die and water stocks comply with Original Manufacturer's design specification; innovative additions carry our own certification.

Assured availability of legacy, DML, (diminished Manufacturing lines) and end-of-life products, is vital to specialist customers across Military, Aerospace, Commercial, Space and Industry sectors.



PERFORMANCE ASSURED

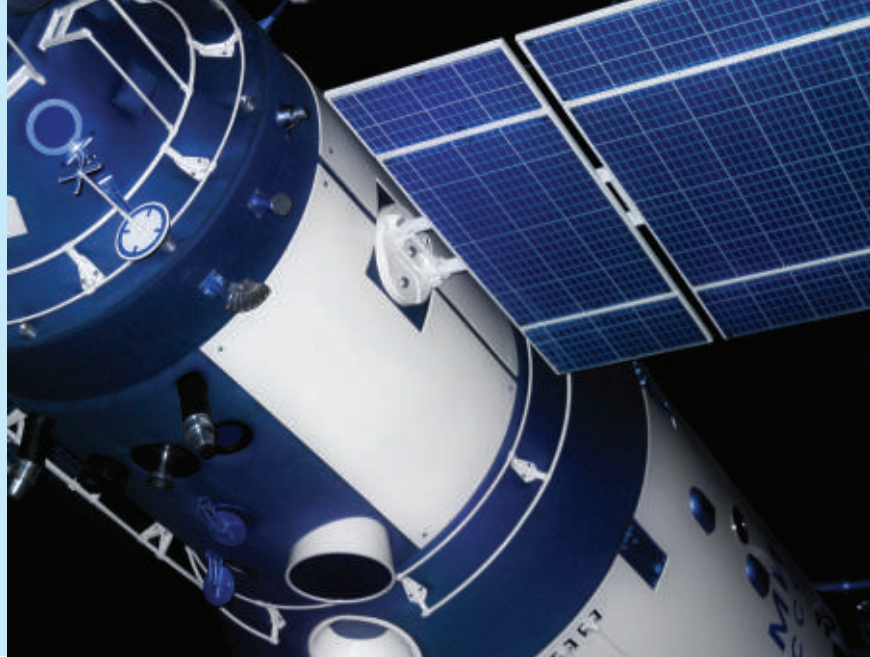
Force Technologies Ltd. offers a trusted reliable solution to obsolete semiconductors; over the past 25 years; we have constantly delivered components that have earned our worldwide reputation for quality and performance.

Manufacturing to original designs and testing specified tolerances demands quality & accuracy; our purpose built facility enables us to make it right, test it right, every time.

RELIABILITY ASSURED

Space

Working to specific bills of materials, Force Technologies Ltd. undertakes destructive physical analysis (DPA) testing and up-screening to ensure delivery of EEE certified components for global positioning systems (GPS) for satellites and space craft.



Aerospace

We are a trusted manufacturing supplier of semiconductors to clients in the aerospace industry. We offer sustainable, cost effective solutions to obsolescence to manufacturers of control systems and braking systems ground-based equipment.



Military

The defence sector demands the highest levels of product reliability and we certify all our semiconductors. Maintaining a sustainable supply of reliable legacy products is vital for use in military applications.



Industrial

We provide support to clients in industry with our comprehensive component and materials authentication processes; Force Technologies Ltd. supplies semiconductors for integration with control systems in such sectors as transport and distribution.



Commercial

Low to high volumes.

We understand the need for reliability in the commercial sector; Force Technologies Ltd. fulfils requirements for reliable, legacy components used in everyday items such as, consumer goods, IT equipment, gaming machines and car-park systems.



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