

Obsolete Component Replacement Services



MANUFACTURED
PRODUCTS &
SERVICES

MICROSS IS A FRANCHISED DIE DISTRIBUTOR WITH 20+ SEMICONDUCTOR MANUFACTURING PRINCIPALS, MAKING SOURCING EASIER AND MAINTAINING LOT TRACEABILITY BACK TO THE ORIGINAL WAFER PRODUCTION.

MICROSS COMPONENTS HAS DIRECT ACCESS TO DIE FROM THE ORIGINAL SOURCES.

THESE DIE ARE ASSEMBLED INTO PACKAGES, TESTED AND SCREENED TO THE ORIGINAL OR AGREED DEVICE SPECIFICATION.

FAIRCHILD
SEMICONDUCTOR

**ANALOG
DEVICES**

Microsemi

**National
Semiconductor**

**SENSITRON
SEMICONDUCTOR**

**Central
Semiconductor Corp.**

IDT

**TEXAS
INSTRUMENTS**

International
IOR Rectifier

intersil

**LINEAR
TECHNOLOGY**

Supertex

LINEAR SYSTEMS

VISHAY

ATMEL

ON

ON Semiconductor

ISSI





Obsolete Component Replacement Services

CAPABILITY

Full service design, product engineering, manufacture (class 10,000 clean room), test and screening facilities all on one site.

DIE STORAGE/SOURCING

Micross is franchised die distributor with over 25 semiconductor manufacturer principal, making sourcing easier and maintaining lot traceability back to the original wafer production. Both current and obsolete, are held in long term nitrogen stores at Micross facilities in both Europe and the USA.

CERAMIC AND METAL CAN PACKAGING

Source die and package. Manufacture, test and screen a form, fit and function replacement.

PLASTIC - FORM FIT AND FUNCTION REPLACEMENT

Plastic substrate with solderable lands on the underside designed to fit standard site on the system board. This technique may be utilised to replace obsolete SOIC, TSOPII, PLCC, QFP and QFN packages.

ASIC DESIGN

Based on technical data on original device, design a ASIC device as a form, fit and function replacement. Turnkey service - Die design, probe, package, test and qualify.

ORIGINAL MANUFACTURER PART

Long term relationships with a small group of Component dealers/brokers - We can often source difficult to find components. Devices sourced may be subjected to Micross anti-counterfeit flow if required.

PLASTIC - UPSCREENING

Upscreen available commercial devices to industrial or military temperature grade. Group testing and component qualification services are also available.

QUALITY

Micross components is an AS9100 approved manufacturing and test facility. Operating with industry standards used in Military, Space, Medical and Industrial markets.

DELIVERY

Several customer information/delivery systems in place including KANBAN. Direct input to customer information/tracking systems, secure online information access.

KEY SERVICES

- Die storage
- Die sourcing
- Ceramic and Metal Can Packaging
- Plastic package form fit and function replacement
- Footprint adaptors
- Replacement die (ASIC design)
- Original manufacturer part sourcing
- Test Services
- Upscreening

Micross Components Crewe

11-16 A-Tech Court Lancasterfields
Crewe Cheshire CW1 6FF
Tel: +44 (0)1270 252 566
Fax: +44 (0)1270 252 596

Micross Components Alton

2 Oriel Court Omega Park
Alton Hampshire GU34 2YT
Tel: +44 (0)1420 594 180
Fax: +44 (0)1420 891 51

OUR MANUFACTURED PRODUCTS & SERVICES DIVISION OFFERS A WEALTH OF EXPERTISE IN DESIGN, PROCESSING AND PRODUCTION OF SEMICONDUCTORS, CONNECTORS AND OTHER ELECTRO-MECHANICAL COMPONENTS WITH THE HIGHEST DEGREE OF QUALITY, HI-RELIABILITY AND PERFORMANCE.



For further information visit www.micross.com