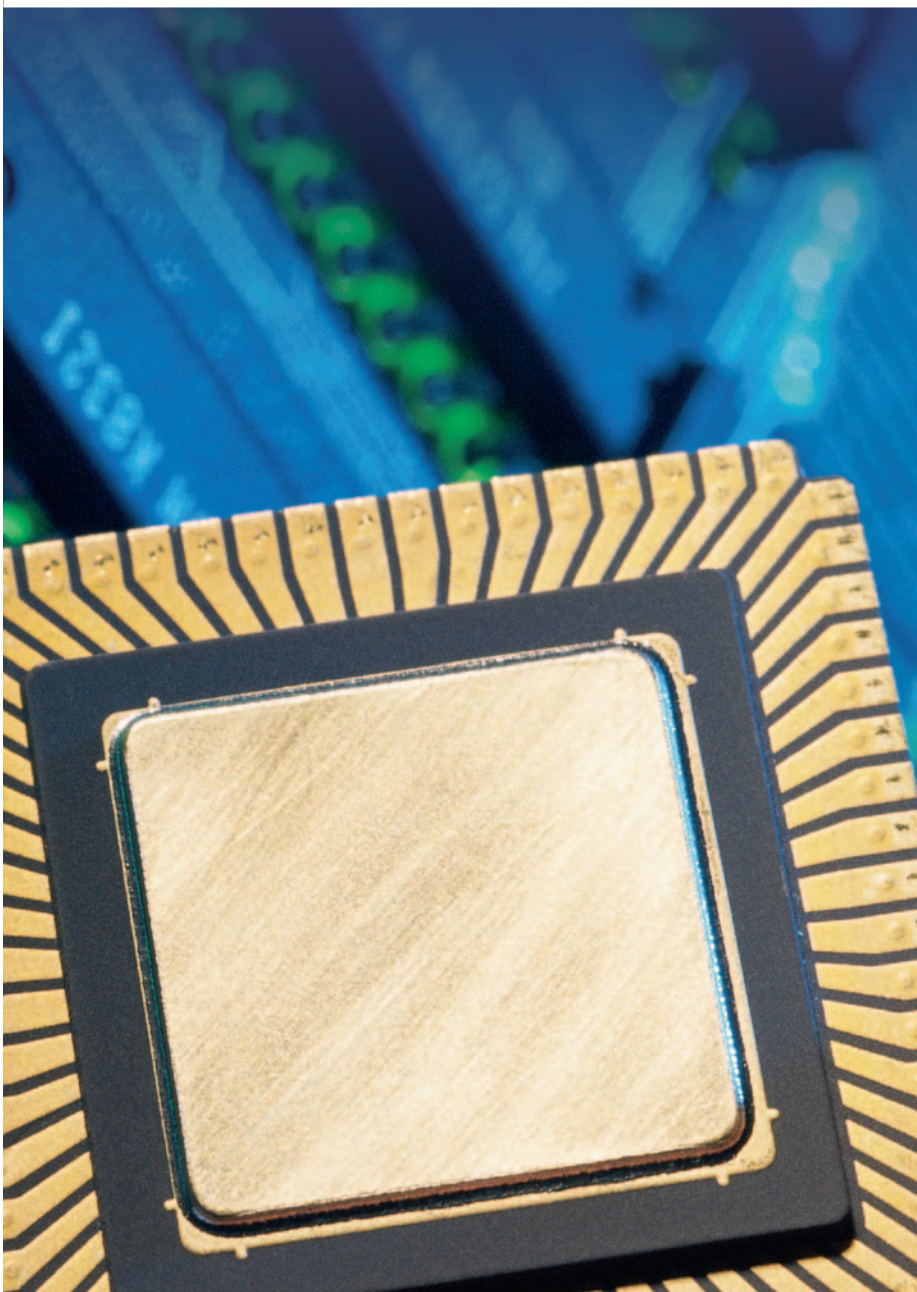


# Technical Semiconductor Solutions



**SEMICONDUCTOR DIE  
PACKAGING, TEST AND  
OBSOLESCENCE SERVICES  
FOR INDUSTRIAL,  
COMMERCIAL, AEROSPACE,  
SPACE AND MILITARY  
MARKETS.**





# Technical Semiconductor Solutions

## MARKETS

Commercial, industrial, military (including COTS), aerospace and space markets.

## SEMICONDUCTOR PACKAGING

Europe's widest range of packaging capabilities. Ceramic, metal can or laminate (COB) packages.

## MINIATURISATION

High density packaging solutions including chip on board on laminate or flex, flip chip on board, mixed technology (SMA/COB) or standard SMA modules. High reliability solutions using ceramic substrates are also available.

## OBSOLESCENCE SOLUTIONS

Range of services including die banking, component replacement, footprint compatible solutions, adaptors and ASIC devices.

## PROTOTYPE AND DEVELOPMENT

First silicon packaging, first prototype development, early sample production, design services.

## ASIC DESIGN AND PACKAGING

Full service including in house ASIC design, probe, package design, packaging, test and qualification.

## TEST SERVICES/UPSCREENING

Analog, digital, power, memory and mixed signal test capability. Upscreen devices to industrial, military or space level.

## CAPABILITY

Design, manufacture and test in-house. Many years experience of semiconductor die inspection, packaging and materials.

## QUALITY

ISO certified to ISDN9001:2000 with upgrade to AS9100 expected to be in place by Apr 2008. Industry standards including MIL STD, JAN and ESA SCC.

## KEY SERVICES

- Semiconductor die packaging
- Ceramic and metal can packaging
- Chip on board to laminate or flex
- Medium volume plastic packaging
- Miniaturisation (System in Package)
- Obsolescence solutions
- Die banking
- Prototyping and development
- ASIC design and packaging
- Gold stud bumping
- Flip chip die attach
- Test services
- Upscreening
- Anti-counterfeit services

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OUR 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.

 **micross** components

For further information visit [www.micross.com](http://www.micross.com)

