

Subcontract Wafer Services

Full Turnkey Wafer Processing Services



one source. one solution.™

Wafer Bumping

- Solder, gold & copper pillar bumping

Wafer Mapping / Wafer Inking

- Conversion between industry formats
- Inking using any electronic wafer map

Wafer Thinning

- Automated in-feed grinding of wafers
- Ability to saw, sort and inspect wafers down to 20 μ

Wafer Dicing

- Wafer sizes up to 12" / 300 mm
- Multi-project wafer dicing
- $\pm 1 \mu$ tolerance

Die Plating / Pick & Place

- Automated, virtually contactless handling of singulated die
- Compatible with all electronic wafer maps
- Multiple bin / grade die picking
- Safe handling of sensitive topside & 3D features

Visual Inspection

- Acceptable Quality Level (AQL)
- MIL-STD (commercial, military and aerospace grades)
- Inspection via AOI equipment available

Customized Output

- Sawn wafer on film-frame and ring-frame
- Waffle pack; Gel-Pak®, Tape & Reel
- Reconstructed wafer

Other Microcross Solutions

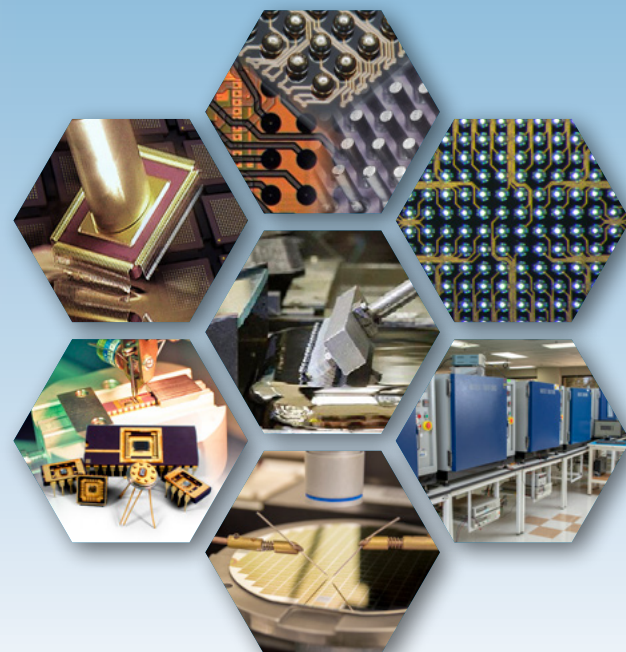
- [Advanced Interconnect Technology](#)
- [Packaging & Assembly](#)
- [Component Modification Services](#)
- [Electrical / Environmental Test](#)



40+ years processing experience

High volume capacity

Low volume flexibility for developments and R&D



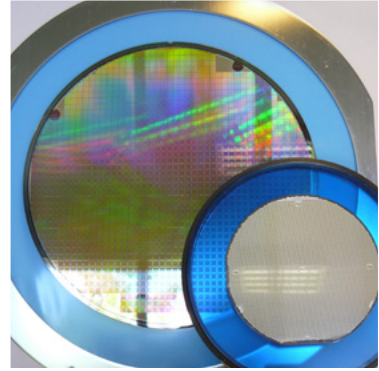
Subcontract Wafer Services

Full Turnkey Wafer Processing Services

Micross Orlando Americas

7725 N. Orlando Blossom Trail
Orlando, Florida 32810
1.855.426.6766

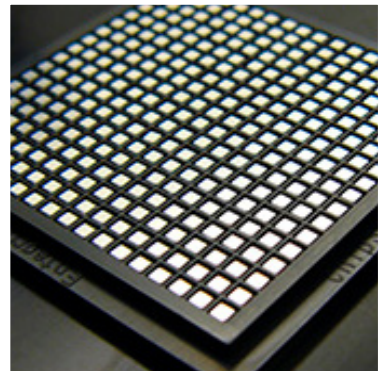
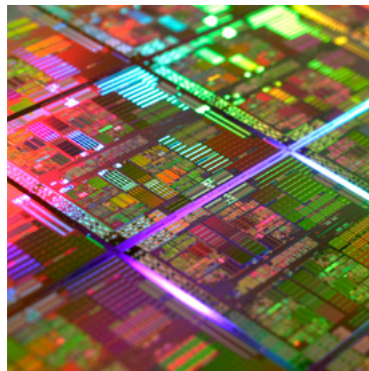
sales.americas@micross.com



Micross Norwich EMEA & ROW

2-4 Hellesdon Park Road
Drayton High Road
Norwich NR6 5DR
P: +44(0)1603 788 967

baredie@micross.com



About Micross

Micross (www.micross.com) is the global one-source provider of mission-critical microelectronic components and services, including Bare Die & Wafers, Advanced Interconnect Technology, Custom Packaging & Assembly, Component Modification Services, Electrical & Environmental Testing and Hi-Rel Products to manufacturers and users of semiconductor devices. In business for more than 40 years, Micross' extensive hi-reliability capabilities serve the Aerospace & Defense, Space, Medical and Industrial markets, among others. Micross possesses the sourcing, packaging, assembly, engineering, test and logistics expertise needed to support an application throughout its entire program cycle.



micross
one source. one solution.™

America: 1.855.426.6766
EMEA & ROW: +44 (0) 1603.788967
China: +85 21.5459.1970
India: +91 7760.990.545

