

OBSOLESCENCE SOLUTIONS

Manufacturers	Products	Applications
 <p>micross one source. one solution.™</p>	<p>Component Modification Services Robotic hot solder dip – compliance with RoHS directive Elimination of tin-whiskers through tin-lead-alloy, lead attach coplanarity and compression bond, lead-free solder alloy, gold mitigation, forming and cutting of pins, BGA reballing for the conversion of tin-lead, column grid array (CGA) Interconnect technology; packaging & assembly, electrical & environment testing</p>	<p>Space, Aerospace, Aviation, Defense, Implantable Medical Industry, Industrial Applications, Transportation</p>
 <p>WINSLOW ADAPTICS</p>	<p>Solving Obsolescence and Supply Chain Shortages Remanufacturing of legacy components, custom solutions for mitigating device obsolescence and board re-design, adapter products, interconnect pitch adapters, programming adapters</p> <p>Allocation & Obsolescence ASIC / FPGA adapters to include code reconstruction and re-targeting; package/ 1:1 footprint conversion, device re-targeting, connectors; reverse engineering of small plastic & metal parts; atmel AVR adapters for micro controllers</p> <p>Test & Development Prototyping adapters/interposers, emulation & test interface, programming adapters, voltage regulation, test clips & modules, Custom development</p> <p>Interconnect Screw machine/turn pin sockets, PCB connectors, stamped pin IC sockets, wire wrap, PLCC sockets & plugs, SIMM sockets, transistor and circular IC sockets, shorting link/jumpers, opto/diode display sockets, dual row component header, single row high profile IC sockets Custom interconnects</p> <p>Jermyn Semiconductor Hardware Mounting pads, transistor & circular IC sockets, opto/diode display sockets, insulators, panel washers, bushes and covers, component carriers, heatsinks</p> <p>Precision Engineering Reverse engineering solutions: re-manufacturing of legacy components, including material study to meet current regulations, even if only the physical part exists without a drawing Injection moulding, CNC machining, toolmaking</p>	<p>Space, Aerospace, Aviation, Defense, Automotive, Railway, Transportation, Medical, Industrial Applications, Adapter Solutions</p>
 <p>KAMAKA Electronic Bauelemente Vertriebs GmbH</p>	<p>Bare die components: every industry standard is supported, customized setups are available Bare die cross referencing, die re-engineering, obsolete die stocks, wafer dicing, dummy bare dies Wafer and die level testing: bipolar transistor, comparator, digital + logic, diode, MOSFET / JFET, operational amplifier, transistor, voltage regulator, class H testing, class K testing</p> <p>Access to procure obsolete or allocated components with anti-counterfeiting program Life cycle management with last time buy, end of life and product change notification service</p>	<p>Defense, Military, Industrial, Medical, Obsolescence Solutions, Industrial Applications</p>

MEMBERSHIPS

