OBSOLESCENCE SOLUTIONS

Manufacturers	Products	Applications
micross	Counterfeit Mitigation Services: IC Counterfeit Detection Testing Component Modification: Robotic Hot Solder Dip – Compliance with RoHS directive lead-free Solder Alloy, grid failure <1%, Nadcap Certificated Elimination of Tin-Whiskers through tin-lead-alloy Component Obsolescence Challenges, Non-availability of tin-lead components Life-time buy opportunity (Long Term Packaging) BGA Reballing for the Conversion of tin-lead, Component Harvesting Lead Reconditioning, Lead Attach Coplanarity and Compression Bond Forming and Cutting of Pins Gold Mitigation, column grid array (CGA) interconnect technology Packaging & Assembly, Electrical & Environment Testing	Aerospace & Defense, Space, Industrial Applications, Implantable Medical Industry, Transportation
WINSLOW ADAPTICS	Design & manufacture for the electronic system lifecycle Custom solutions for mitigating Device Obsolescence and Board Re-Design Adapter Products, Interconnect Pitch Adapters, Programming Adapters, **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 **Test & Development** Production & Test Sockets, Prototyping Adapters/Interposers, Emulation & Test Interface, Programming Adapters, Voltage Regulation, Test Clips & Modules, Custom Development **Interconnect** Screw Machine/ Turn Pin Sockets, Dual Row Component Header, PCB Connectors, Single Row High Profile IC Sockets, Stamped Pin IC Sockets , Wire Wrap **Jermyn Semiconductor Hardware** Mounting Pads, Transistor & Circular IC Sockets, Opto/Diode Display Sockets, Insulators, Panel Washers, Bushes and Covers, Component Carriers, Heatsinks, **Precision Engineering** Reverse Engineering Solutions; Injection Moulding , CNC Machining, Toolmaking	Adapter Solutions, Aviation, Defense, Space, Automotive, Medical Industry, Industrial Applications, Railway, Package Conversions

IOT SOLUTIONS

Manufacturers	Products	Applications
Aurasemi	**IoT and Sensors:** Au2001 is an inductive sensing IC targeted for water metering applications. The IC supports SPI for simple interface with micro controllers. The IC works on a wide range of supply from 2.8V - 3.6V. The IC supports two models - low sensitivity mode for lesser sensing distance and high sensitivity mode and less than 5uA in high sensitivity mode, when triggered once in 70ms. The IC is available in 3mm x 3mm 16 pin QFN package.	Water Flow Sensors, Position Sensors
EverSwitch	Touch Metal Piezo Switches & Keypads, Non-Touch Infrared Metal Switches Piezo Electric Pushbutton Switches: Ring-, Point- and Non-illuminated from 16mm to 28mm diameters. Piezo Electric Keypads, Access Control Stand Alone, Access Control Keypads with communication protocol, Access Control Keypad Readers, Industrial Solutions and Custom Designs, all products are in Aluminum or Stainless Steel with an operation temperature from -40 to +125°C and IP68/69K protection Tested for 50,000,000 cycles including vibration and impact tests, Non-Touch Infrared Metal Switches with detection range 5 to 80cm Piezo Technology Pushbuttons work reliably under a glass thickness of 3mm	Access Control Panels, Fuel dispensing e-Car Charging, Underwater, Submarines, Oil and Gas, Parking Systems, Rail Traffic & Public Transport, Emergency Switches
SUNLIKE DISPLAY TECH. CORP.	Character Displays of 8x1, 10x4, 16x1, 16x4, 20x2, 20x4, 24x2, 40x2, 40x4, 68x4 Graphic LCDs (TN/ STN/ FSTN/ DFSTN) Displays with or w/o backlight, COG Displays, TFT-, LCD-Modules, HMI Modules, UART TFT Displays, Touch Panels, OLED Character & Graphic Displays, OLED Modules, OLED Switches	Industrial Measuring Instruments, Control Devices

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