Product Solutions for all High Reliability Markets:
World Class Vendors / Turn-key Legacy DMS Solutions / Best-in-class Service

ESC MANUFACTURING:
DLA Certified MIL-PRF-38535
- Siliconix Asset Acquisition
  - Hermetic JFETs, MOSFETs
  - Hermetic Analog Switches
  - JTX, JTXV, JANS, /883B
- ESC -2 flow and all SCD’s
- Thru-hole and SMT
- Custom Hirel Packaging to 19500 and 38535 equivalent
- Extensive DMS Die stock
- Support all SCD flows

ESC ADDED VALUE SERVICES:
- COTS Up-screening
- SLDC sorting and traceability
- Tin/Lead (SnPb) lead finish
- Date Code re-certification
- QCI, Element Evaluation, and Lot Acceptance Testing (LAT)
- VMI (Vendor Managed Inventory)

OBSOLESCENCE SOLUTIONS:
- Small Signal Zener Diode Die
- Analog / Mix Signal ASIC’s including Rad Hard, Analog, and Bipolar logic functions

JAN certified Diodes, Mosfets, Transistors, SCR’s
- Rad Hard Mosfets in stock
- Rad Hard Analog ASIC’s
- JANTX / V / S, JANSR
- JANHC / KC / KCR Die
- Temp Compensated Zeners
- Current Regulator Diodes
- Darlington Transistors

JAN Bipolar Transistors and Diodes
- Rad Hard to 300KRads
- JANTX / V / S, JANSR / F
- JANHC / KC / KCR / F
- Rad Tolerant LEO devices
<table>
<thead>
<tr>
<th>ESC Certifications:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-PRF-38535 Certified</td>
</tr>
<tr>
<td>QSLD / JESD31</td>
</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
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</tbody>
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**Good Ark Semiconductor**

**LS Mtron**

**Microchip:** Micrel - Atmel - MSCC

**Nikkohm**

**Semicoa**

**Semikron**

**Sendyne**

**Sensitron (Die only)**

**SimpleChips Technology**

**SiTime**

**Skyworks DSD / Isolink**

**Vishay ERI, Semic, VT**

**Vishay Dale / Dulih, Hirl**

**Vishay Diodes (Gen-Semi)**

**Vishay Optoelectronics**

**Vishay - Siliconix**

**Vishay - Sprague, Vitramon**

**Vishay Precision Group**

**VPT Components**

**Zetex (Division of Diodes Inc)**

**ESC Acquisition of the Siliconix Hermetic Semiconductor Portfolio:**

**DLA certified**

**JANHC, JANKC1N Diodes**

**High Voltage Diodes (1600V)**

**Power Rectifiers & Schottky; PV Cell Bypass**

**Power Zeners, TVS**

**Small Signal Zener, Switching**

**High-Frequency RF/Microwave**

**LNA's, Custom RF Assemblies**

**Medium Power RF Transistors**

**Integrated Circuits**

**Analog Switches**

**883 / 38535 versions**

**LDO's, Op-Amps, Comparators**

**Memories, FPGA's, EEPROM, Flash**

**MOSFET Drivers**

**Micprocessors, PIC's**

**Mofets and Transistors**

**JANHC, KC, KCR, KCF 2N Bipolar; Rad Hard**

**MOSFETs to 650V; JFET's**

**JTXX now; JANS soon**

**Rad Hard Mosfets available now!**

**Opto Devices**

**Optocouplers; Optoelectronics**

**Timing**

**MEMs alternatives to Crystal solutions**

**ESCAPE**

**Acquisition of the Siliconix Hermetic Semiconductor Portfolio:**

**Hermetic Thru Hole, Surface Mount (new), and Bare Die; JANTXV now, JANS coming!**

**See ESC Legacy Brochure**

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**Sendyne**

**Ultra Precision Current Measurement, 3mA to 1000A+; Ground Fault Detection; see ESC Energy Brochure**

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**ESC Legacy Products**

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**ESC Energy Products**

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**ESC Certifications:**

**MIL-PRF-38535 Certified**

**QSLD / JESD31**

**ISO9001:2015**

**AS9120:2016**

**AS6081:2012 (Counterfeit Avoidance)**

**ITAR Registered / GIDEP Member**

**Woman Owned Business Enterprise**

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**Rev: D1.0  10/1/19**