



ES Components



A Franchised Distributor and
DLA certified Semiconductor Manufacturer

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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



Aerospace and Defense

- Dale & Duluth
- Electro-Films (EFI)
- Gen Semi
- IR Divested
- Optoelectronics
- Semiconductors
- Sfernice
- Siliconix
- Sprague
- Vishay Thin-Film
- Vitramon



MEMS Timing Products

OCXO – TCXO – VCXO
XO – DCXO – VCTCXO

Mil Temp / Auto / Industrial
MEMS for Hirel Applications

Dynamic Performance and
Environmental Immunity

ENDURA ruggedized solutions
with single lot date code

EMERALD robust OCXO's

**COTS Military upscreening to
MIL-PRF-55310 equivalent**

Alternative to:
Quartz Products



**JAN certified Diodes, Mosfets,
Transistors, SCR's**

JANTX / TXV / JANS / JANSR
JANHC / KC / KCR Bare Die

Rad Hard Mosfets in stock

Analog & Mixed Signal ASICs:

- **Rad Hard** and non-Rad Hard
- PWM's, Reg, Ref, Op Amps,
- Low or NO NRE's / On Shore



MICROCHIP

Aerospace and Defense

**Rad Hard
Mosfets & IC's**



Microsemi



Supertex



Defense and Space Division



Novacap MLCC's



SENSITRON SEMICONDUCTOR

JANHC / JANKC Diode Die

- Ultrafast Rectifiers
- Small Signal Diodes

Mil/Aero grade Diode Die

- 1.5W & 5W Power Zeners
- Power Rectifiers & Schottkys
- TVS Diodes and Die Stacks

SEMICOA

**JAN Bipolar Transistors
and Diodes**

- Rad Hard to 300KRads
- JANTX / V / S, JANSR / F
- JANHC / KC / KCR / F
- Rad Tolerant LEO devices

LS Mtron
ULTRACAPACITORS



AE Alpha Electronics
A VPG Brand

POWERTRON
A VPG Brand

**VISHAY FOIL
RESISTORS**
A VPG Brand



