



# ES Components

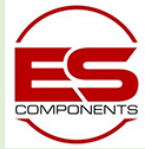


A Franchised Distributor and  
DLA certified Semiconductor Manufacturer

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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

##### 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:

- Fairchild discrete 'DIE' alternatives
- Custom Hirel Packaging to 19500 and 38535 equivalent
  - Extensive DMS Die stock
  - Support all SCD flows
- 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



#### MICROCHIP

##### Aerospace and Defense

**Rad Hard  
Mosfets & IC's**



#### Patented "Superjunction" Power Mosfets

- Low Rds(on) / High dv/dt
- Ultra low Gate Charge



#### MEMS Timing Products

**OCXO – TCXO – VCXO  
XO – DCXO – VCTCXO**

Mil Temp / Auto / Industrial

**ENDURA** ruggedized solutions  
with single lot date code

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



Defense and Space Division

GOOD-ARK



#### 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

#### **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



Rev: E2.0 2/5/24



