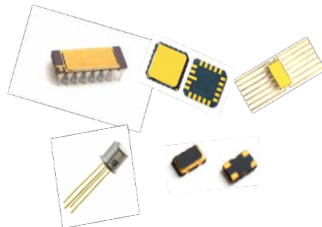


ESC Solutions for Legacy Supply Issues

Turn-Key Custom Packaging

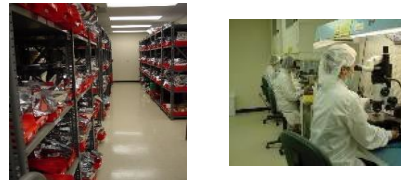
Hermetic Hirel Semiconductors
and Legacy Hybrid Devices



- Semiconductors IC's and Transistors
- Hybrid / Multi-Chip Modules

World's largest inventory of legacy Semiconductor die

(Elmo Semiconductor Corporation)



- Chain of Custody Documentation
- Full Lot and Wafer Traceability
- Superior Die and Wafer Storage

Hirel ASIC solutions to DMS issues

Analog & Mixed Signal ASIC's
High Voltage Solutions (to 1KV)
1.0um and 0.6um technologies
LT1009 and LM158 equivalents
Logic IC Functional Equivalents
Rad Hard available "by design"
On-shore wafer fabs

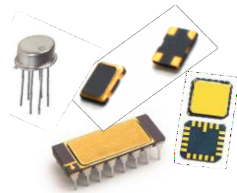
Other ESC High Reliability Services

- Tin/Lead (SnPb) Plating
- Date Code Recertification
- COTS Upscreening
- SLDC sorting and traceability
- Rad Tolerance test sample prep
- Vendor Managed Inventories

"Siliconix Inside" Hermetic Semiconductors

JFET's / MOSFETS / ANALOG SWITCHES

Thru-hole - Surface Mount - Die
883B and **JANTX / TXV / TXVR** now, JANS coming
10+ years of DLA certified wafer inventory



DLA Certified Analog Switches: M38510/ 5962 / 883B

Non – JAN Hirel JFET's – Mosfets - Analog Switches

Rad Tolerant JFET's to 100KRads

ESC "-2" and "-3" lower cost hirel alternatives to JAN (see flow)

Support all Customer SCD's and custom flows

DLA Certified JFETs & Mosfets: JANTX/TXV/TXVR/S

VPTC is DLA basic plant / ESC is DLA contract plant



ESC Certifications:

Woman Owned Small Business Enterprise
MIL PRF 38535
QSLD / JESD31
ISO9001:2015
AS9120:2016
AS6081:2012
ITAR & GIDEP

CAGE CODE:
OR708





ES Components



DLA certified Semiconductor Manufacturer

108 Pratts Junction Road
Sterling, MA 01564
P: 978-422-7641

www.escomponents.com

Sales support: sales@escomponents.com

Applications support: colsen@escomponents.com

Applications support: dlarson@escomponents.com

Top 10 Reasons why ES Components should be your PARTNER for DMSMS Solutions:

1. Attention to DETAIL! We understand and comply with MIL SPEC and SCD requirements the first time, every time.
2. MIL-PRF-38535 Manufacturer! **NEW!!!** Supports ESC brand DLA products and Custom Packaging
3. MIL-PRF-19500 and MIL-PRF-38535 **Siliconix** Hermetic Products, DLA certified continued source
4. World's largest inventory of Legacy Die with Chain of Custody documentation
5. Custom Hermetic Packaging and custom screening flows to Mil Specs or SCD requirements
6. ASIC Solutions: Custom and Functional Equivalents (ie: LT1009, LM158, etc) including **Rad Hard** options
7. DMSMS Solutions since 1981 serving all Hirel Markets
8. ESC Commitment to Counterfeit Avoidance, including Element Evaluation capability
9. Woman Owned Small Business Enterprise
10. Certifications: MIL-PRF-38535, QSLD, ISO9001:2015, AS9120:2016, AS6081, ITAR and GIDEP