



# ES Components

Certified Woman Owned

A Franchised Distributor  
and Certified Manufacturer

108 Pratts Junction Road  
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sales@escomponents.com

## Product Solutions for all High Reliability Markets: Aerospace – Energy - Industrial – Medical Implant - Military



- Siliconix Asset Acquisition
- All hermetic JFET, MOSFET and Analog Switches
- JTXV now, soon JANS
- Thru-hole now, soon SMT
- Custom Hirel Packaging
- Extensive DMS Die stock
- COTS Up-screening
- Element Evaluation and LAT testing offered
- VMI (Vendor Managed Inventory)
- **Obsolescence Solutions!**



**MICROCHIP**

Aerospace and Defense

*Rad Hard  
Mosfets & IC's*

Atmel

MICREL

PLL PhaseLink  
Corporation

Supertex

Coming soon:  
**Microsemi**



Aerospace and Defense

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



**MEMS Timing Products**

OXCO – TCXO – VCXO  
XO – DCXO - VCTCXO  
Mil Temp / Auto / Industrial  
Alternative to:  
**Quartz Crystal**

**SENSITRON  
SEMICONDUCTOR**

**SEMICOA**

**VPT COMPONENTS**



GOOD-ARK



knowles  
Novacap MLCC's

**SimpleChips Technology**

**Hirel Power ASIC's**  
Analog & Mixed Signal  
**Rad Hard** by design  
Alternative to:  
**ASIC Advantage**

Sendyne



**LS Mtron**  
ULTRACAPACITORS

**SEMIKRON**  
innovation + service

Alpha Electronics  
A VPG Brand

**POWERTRON**  
A VPG Brand

VISHAY FOIL  
RESISTORS  
A VPG Brand

SKYWORKS  
BREAKTHROUGH EMPLOYMENT  
Defense and Space Division  
ISOLINK

### About ES Components:

ES Components LLC has been a supplier of High Reliability components since 1981!

Franchised Distributor, Custom Packaging, and now DLA certified Manufacturer (contract plant)

Support all Lot Acceptance Testing and Element Evaluation requirements per MIL Specifications or Customer SCD



Rev: C7 12/14/18





**ESC Certifications:**

QSLD / JESD31  
 ISO9001:2015  
 AS9120:2016  
 AS6081:2012 (Counterfeit Avoidance)  
 ITAR Registered / GIDEP Member  
**Woman Owned Business Enterprise**

*SINCE 1981!*  
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yellow field = DLA CERTIFIED

Good Ark Semiconductor	LS Mtron	Microchip / Micrel / Atmel	Nikkohm	Semicoa	Semikron	Sendyne	Sensitron ( Die only )	SimpleChips Technology	SITime	Skyworks DSD / Isolink	Vishay EFI, Sfernice, VTF	Vishay Dale / Duluth Hirel	Vishay Diodes (Gen Semi)	Vishay - Siliconix	Vishay - Sprague, Vitramon	Vishay Precision Group	VPT Components	Zetex (Division of Diodes Inc)	ESC Legacy Products
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<b>Actives</b>	<b>ASICS</b>	Analog & Mixed Signal; <i>Rad Hard</i> , 200C; 1KV																		
		Digital: Memories, Processors; <i>Rad Hard</i>																		
	<b>Diodes</b>	JANHC, JANKC1N Diodes																		
		High Voltage Diodes (1600V)																		
		Power Rectifiers & Schottky; PV Cell Bypass																		
		Power Zeners, TVS																		
		Small Signal Zener, Switching																		
	<b>High-Frequency RF/Microwave</b>	Pin, Varactor, Limiter, Schottky Diodes																		
		LNA's, Custom RF Assemblies																		
	<b>Integrated Circuits</b>	Medium Power RF Transistors																		
		Analog Switches <i>883 / 38535 versions</i>																		
		LDO's, Op-Amps, Comparators																		
		Memories, FPGA's, EEPROM, Flash																		
	<b>Mosfets and Transistors</b>	MOSFET Drivers																		
		Microprocessors, PIC's																		
JANHC, KC, KCR, KCF 2N Bipolar; <i>Rad Hard</i>																				
<b>Optocouplers</b>	MOSFETs to 650V; JFET's <i>JTXV now; JANS soon</i>																			
	<i>Rad Hard Mosfets (coming soon!)</i>																			
<b>Timing</b>	>50 Standard / 500 Custom products																			
	MEM's alternatives to Quartz Crystal																			
<p><i>ESC Acquisition of the Siliconix Hermetic Semiconductor Portfolio : DLA certified JFET's, MOSFET's, ANALOG SWITCHES</i>      Hermetic Thru Hole, Surface Mount (new), and Bare Die; JANTXV now, JANS coming! See ESC Legacy Brochure</p>																				
<b>Passives</b>	<b>Capacitors</b>	CDR, MIL, DSCC, Hirel MLCC's																		
		MIL-PRF-123 PME MLCCs (12 week Delivery!)																		
		Extended Range PME 123 Equivalent																		
		Wire Bondable MOS / Silicon																		
		Tantalum Capacitors																		
	<b>High Frequency RF/Microwave</b>	ULTRACAPACITORS (3KF+) caps / modules / cells																		
		Attenuators (1db steps to 10db), Switches																		
		HiFreq / HiQ MLCC's; 200C; ATC alternatives;																		
	<b>Inductors</b>	Wire Bondable MOS CAPS; Spiral Inductors																		
		Thin Film Substrates; side wall devices																		
		Wire Bondable Spiral Inductors																		
	<b>Resistors</b>	Hirel Power Inductors (ILHP / ILHM)																		
		Custom Space Grade Magnetics (ITAR)																		
		Calibration Standards																		
		Current Sensing, Shunt, IGBR's																		
<b>Substrates</b>	High Power / High Energy Load Dump Resistors																			
	Metal Foil Ultra Precision Resistors																			
	Thin Film Resistors, Networks																			
<b>SENDYNE</b>	RF & Power Substrates with localized heat sinks; Al + Au wirebond Mono-Metallic																			
	Ultra Precision Current Measurement, 3mA to 1000A+; Ground Fault Detection; see ESC Energy Brochure																			

