



ES Components
YOUR TOTAL SOLUTION PROVIDER



Franchise Lines



**PREFERRED DISTRIBUTOR
FOR
SPECIALTY COMPONENTS**

(See Reverse side for details.)



EXCLUSIVE WORLDWIDE DIE DISTRIBUTOR



Off The Shelf Inventory

ES Components has established an Off the Shelf program with the most popular devices from our franchised lines, including Micrel and Vishay Siliconix, EFI, IR/HVM, IR/HPP, Temic/SSP, and PDD/gen Semi. The Off the Shelf Inventory is replenished automatically and does not require a forecast commitment from a specific customer. This inventory allows us to provide our customers with low MOQs, competitive pricing and 24 hour delivery.

Visit our website and search our full online inventory.

Vendor Managed Inventory (VMI)

Our VMI programs offer double digit inventory turns to reduce our customers' operating cost by minimizing inventory, material cost and administration. VMI programs are established based on volume pricing and Just In Time deliveries. Inventory for VMI programs is not limited to franchise lines. We currently manage six VMI customers with 9 to 47 inventory turns per year.

Diminishing Manufacturing Sources and Material Shortages (DMSMS)

One of the largest inventories of obsolete and hard to find, military grade and qualified semiconductor die. Products can be packaged and tested to customers' specific requirements or SCD and have military quality traceability and original manufacturer's Certificate of compliance.

Inventory From Non-Franchise Lines

Advanced Micro Devices; Analog Devices; Allegro; Calmos Technology; CDI; Central Semiconductor; Fairchild; Harris; International Rectifier; Interfet; Intersil; ISSI; IXYS; Linear Systems; Motorola; National Semiconductor; New England Semi; Novacap; On-Semiconductor; Philips; Semikron; Sensitron Semiconductor; Signetics; Sussex; Supertex; Texas Instruments; Unitrode; Xicor



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Vishay Specialty Component Solutions

Die Products For Hybrid Assembly—Wire Bondable, Epoxy Attachable



Siliconix LVM & HVM

- LVM : Low Voltage MOSFETs
 - MOSFETs
 - JFETs (Obsolete, limited to on hand inventory)
 - Analog Switches
- HVM: High Voltage MOSFETs - IR Divested
 - Power MOSFETs
 - HEXFETs

SSP – Small Signal Products (formerly Temic)

- Switching Diodes
- Hot Carrier Diodes
- Zener Diodes
- ESD Diodes

Dale Thick Film Resistors

- Custom Configuration, High Values
- Low Value WSL / WSR, Epoxy Attachable

EFI – Electro Films Resistors

- 20 x 20 & 30 x 30 Thin Film, Wire Bondable Chip Resistors, BCR / SFM / CTR / WNET / SFC / CTT / CTA
- MOS / NMOS Capacitors NC, Wire Bondable
- Custom Resistor Networks & Substrates
- Thin Film Microwave, Wire Bondable MIB
- Spiral Inductors PSC

Sfernice Resistors

- Thick Film, High Frequency SMT HCHP
- Thin Film Microwave SMT CH
- Thin Film Microwave, Wire Bondable Resistors Including High Value Chrome Silicon CS / TA / RMK / RSK
- Wire Bondable Temperature Sensors TFS

VTF – Vishay Thin Film Resistors

- Thick & Thin Film P-NS-NE / PTN / L-NS-NE / M / H SMT QPL 55342, Gold Termination, Epoxy Attachable
- High Frequency SMT Thin Film Chip FC Resistors, Epoxy Attachable

Techno Division Resistors

- High Voltage, Thick Film Resistors CRHV, Epoxy Attachable
- Custom Thick Film Resistors CR, Epoxy Attachable

Integrated Products Division

- High Performance, High Precision, Wire Bondable Monolithic Silicon RF Capacitors HPC-SRF

General Semi – PDD – Power Diode Division

- Medium Power Schottky Diodes
- Medium Power Rectifiers
- TVS Diodes
- Medium Power Zener Diodes

HPP – High Power Products (IR Divested)

- High Power Schottky Diodes
- High Power Rectifiers
- FREDs (Hyper Fast & Ultra Fast)
- HEXFREDs
- Thyristors / SCRs
- Rectifiers (Standard & Fast)

Sprague

- Tantalum Capacitors
- 194D CWR06-MIL-PRF-55365/4, 195D, 695D Gold, Terminations For Epoxy Attachable
- T83 Series Hi-Rel COTS, Molded Solid Tantalum Chip Capacitors
- TH3 Tantamount High Temperature, 150 °C Molded Case

Tansitor

- Tantalum Capacitors
- 49BC/EC, Gold Terminations For Epoxy Attachable

Vitramon

- Multilayer Ceramic Capacitors
- Palladium Silver Terminations, Epoxy Attachable, BX / NPO / HiQ (NPO) / X7R / X8R / OMD
- CDR-MIL-PRF-55681
- VJ Series Surface-Mount, Open-Mode Design MLCCs, Polymer Terminations Prevent Board Flexure Cracks
- VJ HV Arc Guard® Surface Mount X7R MLCCs, Industry First To Prevent Surface Arc-Over (patent-pending) At Voltage Ratings From 250 VDC to 1000 VDC, Twice The Voltage Breakdown of Standard Capacitors In Smaller Case Sizes
- VJ Cer-F (Y5E) Dielectric Series, An Alternative To Film Capacitors For Use In High Frequency Filtering

Dale Inductors

- Custom Military, Space & Medical Applications
- High Frequency Inductors
- IFC 0603 / 0805
- ILC 0402 / 0603
- IMC 0402 / 0603
- Power Inductors IHLP / IHLM

BC Components

- Thermistor PCT / NCT, Epoxy Attachable