

2022 Product Offering



All Tech Electronics has a complete portfolio of products qualified for industrial to space level applications. Our offering includes products from industry leaders listed here.

In addition to our standard product offering we offer a comprehensive package of services including Custom Packaging, DMS Obsolescence, Value Added Services and Material Management.

All products and services have undergone rigorous qualification processes in order to ensure suitability for the demanding environment that you work in every day .



your certified small disadvantaged business partner

**ALL TECH
ELECTRONICS**
simplifying DISTRIBUTION

28 YEARS
1993-2021

INTEGRATED CIRCUITS

Micross Components

(Austin Semiconductor / North Penn Technology / Chip Supply/Sts Silicon 360) — ram, dram, vram, eprom, eeprom, sdram, flash, ddr, die, TI mil memory, custom packaging, value added services

Teledyne e2v — high reliability ic's, microprocessors, data converters, mram, custom packaging, test and assembly

Teledyne e2v Peregrine RF — semiconductor radio frequency integrated circuits (rfics), dc-dc power management space products

Micropac Industries — hybrids, multi-chip modules, optocouplers, LEDs

Minco Technology — linear, ecl, memory, custom packaging

Pyramid Semiconductor — sram, eprom, eeprom

Trusted Semiconductor — ASIC design, analog, mixed signal, RF ICs, FPGA development

Device Engineering, Inc. — transceivers, receivers and drivers for ARINC 429, discrete / digital converters, mixed-signal ASICs and analog arrays, RF

Tekmos, Inc. — microprocessors, flash memory, high temperature semiconductors, ASICs, custom packaging, DMS obsolescence

Datel Inc. — analog-to-digital converters, digital-to-analog converters, data acquisition systems, image processors, custom solutions

Stacked Technologies / Logic Devices — ddr2, ddr3, sram, ssd, custom packaging

ES Components Siliconix / Vishay — JFETS MosFETS and Analog Switches

DIODES AND TRANSISTORS

Sensitron — rectifiers and transistors

Semtech — diodes, tvs, power discretes, rectifier assemblies

Semicoa — small signal, RF and power transistors, mil spec

VPT Components (formerly Aeroflex / Metelics) — diodes, transistors

Solitron Devices — power transistors, diodes, rectifiers, power hybrids

SMC Diodes — rectifiers, tvs and small signal diodes

ELECTROMECHANICAL & PASSIVE

Teledyne Relays — Solid state relays (including Mil), coaxial switches

Coaxicom — precision RF connectors, attenuators, terminations, phase adjusters, and cable assemblies

Vanguard Electronics — power magnetics, RF Inductors /transformers

Gowanda Electronics — high reliability RF and power inductors, transformers, and magnetics

Incon Connector — pc board, rack and panel

State Of The Art — high reliability resistive components

Mil Specs Available

Diodes and Transistors

M19500

JAN

JANTX

JANTXV

JAN "S"

SX

MX

Integrated Circuits

M38510

5962

883

Rad Tolerant

Space

DESC / SMD

Connectors

M55302

28748

Value Added Services

- Full Service Obsolescence Management
- Custom Packaging
- Parts Management
- Design Services Screening
- Electrical and Environmental Testing
- Reballing DPA
- Tape and Reel
- Mil Packaging

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Diodes

Rectifiers

- Bridge Rectifiers
- Full Wave Rectifier (Power Diodes)
- Half Wave Rectifier (Power Diodes)
- Schottky
- Silicon Switching
- Switching diodes
- TVS Rectifiers
- Ultra-Fast Rectifiers
- Zener diodes, TC Zener

Regulators

- Current regulators
- Temperature compensated Zener

Suppressors

- Transient voltage suppressors

Transistors

- Bi-Polar
- ECL – High Bandwidth
- Half Wave, High Current Assemblies
- Half Wave, High Voltage Assemblies
- High Voltage + (High/Med/Low) Power
- JFET
- MOSFETs
- Power transistors
- RF Small Signal
- Silicon Darlington
- Silicon Dual Differential Amplifier
- Single Phase Center Tap and Doubler Assemblies
- Single Phase Full Wave Bridge Assemblies
- Small Signal
- Three Phase Full Wave Bridge, Center Tap and Doubler Assemblies

Integrated Circuit

Custom Packaging

Hybrid/MCM

Memory DRAM

- EEPROM
- Flash
- IPEM DDR2
- Mixed Module
- SDRAM
- SRAM
- SSRAM
- UVEPROM
- VRAM
- MRAM
- FPGA / ASIC
- Microcontroller CSP

Broadband Converters

ADC & DAC Devices

Linear

- Voltage Regulators
- Operational Amplifiers
- Voltage Comparators

Logic

- AC/ACT
- FCT
- ECL
- Analog, Mixed Signal RF

Capacitors

- High Voltage Capacitors

Resistors

- Array
- Ceramic
- Precision Foil
- Silicon
- Thick or Thin Film

Analog/Mix Signal

Power Line Communications

- Display PLC Modem SoC
- ITU-Standards PLC Modem SoC
- Multi-mode PLC Display Modem SoC
- Universal PLC Modem SoC

Power Management

- AC/DC/AC Converters
- Active ORing Controller Module
- Battery Chargers
- Bi Directional Constant Current Source Controller
- Charge Pump & Current Sink LED Drivers
- Charge Pump Regulators
- Digital Controllers
- Hot-Swap Controllers
- LDO – Low Dropout Regulator
- LED Inductive Boost LED Drivers
- Linear Regulators
- Load Switch ICs
- MOSFET Drivers
- Multi-Channel Solid State Power Controllers
- Boards & Enclosures
- Power Factor Correction
- PWM Controllers
- References
- Rugged VME DC-DC Converters
- Solid State Power Controllers: Single Channel Modules
- Solid State Relay & Contactors
- Special Functions
- Switching Regulators

Circuit Protection (TVS)

- ESD Protection
- ESD-EMI Filter Devices
- High-Current Lightning Protection
- Low-Capacitance ESD Protection
- Low-Voltage ESD Protection

Wireless & RF

- Internet of Things (IoT) / Machine to Machine (M2M)
- Limiter with LNA
- Low Noise Amplifier
- Medium Power Amplifier
- RF Inductors
- RF ISM Receivers and Transmitters
- RF ISM Transceivers
- RF Transformers

Variable Gain

Analog Controllers & Sensor/Converters

- Piezo & MemS Actuators

Touch Interface Products

- Capacitive Touch Controllers
- Keypad Touch Controllers
- Resistive Touch Controllers (single, multi)

Optical

- Clock and Data Recovery
- Hall Effect Sensors
- LED or IR LED
- Laser Modulator Drivers
- Limiting Amplifiers
- Phototransistor, photo Darlington, photodiode outputs
- Receiver Optical Sub-Assemblies (ROSAs)
- Tempest Optocouplers, multiple channel Optocouplers, radiation tolerant Optocouplers
- Transimpedance Amplifiers

Broadcast Video

- Cable Drivers
- Crosspoint Switches (Video)
- Equalizers
- Reclockers
- SDI Receivers & Transmitters
- Timing
- Video Optical Modules

Security/Surveillance Video (HD)

- Avia / HDcvtv

Timing & Synchronization

- Jitter Attenuation, Multiplying PLL
- PLL Frequency Synthesizer
- Synchronous Equipment Timing Source PLL
- Timing over Packet Networks (ToPSync)

IO Expanders

Motor Controllers

- 3-Phase BLDC Motor Drive Assembly, Driver Output to 20A, 1200V
- EMI Filter- 3 Phase Brushless DC Motor Control
- Field Oriented Controller (FOC)-Sensorless Digital Vector Motor Drive
- Fully Integrated Brushless Motor Controllers: Sensorless, Speed/Velocity, and Torque
- IGBT and MOSFET Brushless Motor Drivers
- Integrated Multi-Axis Motor Controller System
- Motor Control Box

Magnetics

- Common & Differential
- Dual Inductor, Self-Leaded, Toroidal
- EMI/RFI
- Filtering Inductors
- Power Inductors and Chokes
- Power Transformer