

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

2020 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 .



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Committed to excellence

your certified small disadvantaged business partner

ALL TECH ELECTRONICS
simplifying DISTRIBUTION

25 YEARS
1993-2018

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

Anvo Systems Dresden — serial (spi) nvram, serial (pc) nvram, parallel nvram

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

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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 / HDcctv

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