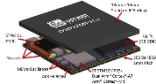


**Manufacturers Representative** covering Northern California, Select Southern California, Northern Nevada and Hawaii

**Board and System Products:** SBCs, SSDs, ARM SiP (System-in-Package) Processors, Rackmount and Boxed Embedded Computers, Chassis & Packaging Solutions, Industrial I/O, 1, 10, 40, 100GB Ethernet Interfaces, LCD Displays, Thermal Management Solutions, Protective Packaging for shipping and handling of High Value die and devices. **Standards supported:** PCI, PCIe, Compact PCI, Mini-PCIe, PMC, SATA, SCSI, VME, VPX, XMC, FMC, GbE, Serial RS232/RS485, CAN BUS



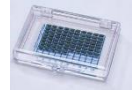
- ❑ SSDs for SATA, PCIe, PATA or SCSI Interfaces, from Disk-on-Chip to custom packaging or unique form factors
- ❑ High Capacity BLUE series up to 8TB in a 2.5” form factor, ORANGE for most Defense applications, and BLACK for extreme shock and vibration (Mil-STD-810G standard)



- ❑ System-In-Package (SiP) Solutions for **TI, ST Micro** and **AMD** processors for faster time-to-market
- ❑ **OSD32MP1-STMP57** based processor, **NEW** upgrade option to the **STM32MP257**
- ❑ **OSD335x** – TI 3358 based SiP, **NEW** upgrade path to **OSD62x** TI 6254 processor with 1 GB DDR4
- ❑ **OSDZU3-AMD’s Zynq ZU3 Processor** with a full compliment of I/O interfaces and Ultrascale + FPGA



- ❑ Dev/Design of **Modules, Cases and 19” Rackmount accessories** for electronic packaging
- ❑ **VME, VPX & CompactPCI Backplanes and Systems** including cable assembly
- ❑ Sheet metal, molded **plastics** and surface treatments
- ❑ **Northern and Southern California**



- ❑ **Gel-Box™** For secure shipping and handling of small valuable devices
- ❑ **Gel-Pak VR™ (Vacuum Release)** For secure shipping and handling of larger devices
- ❑ **Gel-Pak Gel-Film® / Vertec®** Films for many customizable applications
- ❑ **Northern and Southern California**



- ❑ Two-Phase Heat Transfer (fluid flow) with Heat Pipes, Ultra-Thin Heat Pipes, Vapor Chambers and Heat Columns
- ❑ Cold, Tube and Vacuum-Brazed Cold plates for liquid-cooled heat dissipation



- ❑ **Cabinets, Racks and Accessories**
- ❑ Rugged solutions for use in defense, railway, communication and energy applications
- ❑ Modular components for standard and easily tailored solutions
- ❑ **Northern and Southern California**



- ❑ Standard, custom and private label Industrial and Medical Grade LCD Monitors
- ❑ Industrial-grade components to ensure long-term 24/7/365 performance
- ❑ 8” to 75” for use indoors or outdoors, with or without touchscreen
- ❑ **Northern and Southern California**



Northern California Chapter



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**Test and Measurement:** Environmental, Corrosion and HALT Chambers, Industrial Ovens, Furnaces, ED (Electro-Dynamic) Shakers, Amplifiers, Shock Testers, Vibration Controllers and Software, Pressure Calibrators, Controllers and Sensors, Position Measuring Sensor Systems, Accelerometers, Data Acquisition Systems, AC & DC Programmable Power Supplies, Analyzer's and Electronic Loads



- ❑ **Salt Spray Environmental Test Chambers** Standard or Premium (for 2-part cycle) options, 4.2 cu. ft. – 91.8 cu. ft.
- ❑ **Cyclic Corrosion Chambers** with 6 distinct climates, 10.5 cu. ft. – 91.8 cu. ft.
- ❑ **Atmosfar Corrosion Test Chambers** for fully automatic automotive manufacturer's test profiles
- ❑ **Northern and Southern California**



- ❑ **Temperature/Humidity Environmental and HALT/HASS Chambers**
- ❑ Benchtop size to full Walk-in/Drive-in
- ❑ **Thermal Shock** Air-to-Air & Liquid-to-Liquid Chambers and Combined: Altitude/Vibration/Temperature/Humidity



- ❑ **Full Range of Piezo-Resistive Pressure Sensors**
- ❑ Pressure Calibrators and Pumps, including multi-function and HART/Fieldbus Communicator options
- ❑ PACE Pressure Controllers with optional TERPS Technology (Trench Etched Resonant Pressure Sensor for highest accuracy and stability)



- ❑ **Bench, Walk-in, Lab, Clean Room and Conveyor Ovens**
- ❑ **Inert Atmosphere Ovens** to minimize oxidation of metals
- ❑ Bench, Tempering, Box and Pit Furnaces to 2200°F



- ❑ **Pacific Power Source AC & DC Output Supplies**
- ❑ **PPS Frequency/Voltage Converters** from 500VA to 625kVA
- ❑ **APS DC Power Supplies** up to 1200VDC and power levels from 1.2kW to 15kW
- ❑ **APS AC and DC Programmable Electronic Loads** from 600W to 60kW and 60V to 1000V



- ❑ **Portable Multi-Channel Data Recorders** with 10 to 200 universal inputs and optional battery operation
- ❑ **High Speed Multi-Function Recorders** with 2-6 channels and sampling rates up to 1 MSA/s/ch
- ❑ **Configurable Data Acquisition Systems** with slots for input modules and sampling rates up to 1 MSA/s/ch
- ❑ **Northern & Southern California**



- ❑ **Piezoelectric Accelerometers and Pressure Sensors**
- ❑ **IEPE Accelerometers & Signal Conditioning Equipment**
- ❑ Vibration testing instrumentation including amplifiers, meters and calibrators



- ❑ **Vibration Testing Equipment** with output force from 440 lbf to 77,000 lbf
- ❑ **Slip Tables** from 11.8 in. square for small shakers to 6.6 ft. square for large sized specimen tests
- ❑ **Digital Switching Power Amplifiers and Shock Testers**



- ❑ **Power Supply Systems** – High accuracy for Particle accelerators and Quantum and Nano Physics
- ❑ **Reliability test bench** – Power device testing, integrated with temperature control to ITEST's Test Benches or stand alone
- ❑ **DC or Pulsed Reliability tests** – GaN/SiC transistors, Power Diodes, Laser Diodes, RF Systems



- ❑ **High Precision Non-Contact Position Sensors** from .002 to 2.5 inches
- ❑ Differential Systems, Extreme Environment and Thread Checker Applications
- ❑ Signal Conditioning Electronics for Linear Displacement Measurement resolution of 0.01% FS



- ❑ **VR10500** 16 to 512 channel vibration controller
- ❑ **Electrodynamic shakers** from 10 lbf up to 500 lbf
- ❑ **ObserVR1000** 4/16ch Portable Data Acquisition