



MELFOSTER

Employee Owned, Customer Focused

Semiconductor Suppliers

Principal	Products	Distribution Partners
 www.ablicinc.com	Power management IC's, EEPROMs, low power Op-Amps, temperature sensors, comparators	Avnet Digi-Key Master Mouser
 www.amd.com	Embedded Processors (EPYC, Ryzen, R-Series, G-Series), Embedded Graphics (Radeon Ultra-HighPerformance, Radeon High Performance, Radeon Power-Efficient), and Application Specific Solutions	Arrow Avnet Synnex
 www.azoteq.com	ProxSense Capacitive Touch, ProxFusion Sensor Array, LightSense LED Switches, PowerSense LED Controller IC,	Digi-Key Future Mouser
 www.centrasemi.com	Wide range of discrete semiconductors including Diodes, TVS's, Small Signal Mosfets, Small Signal Transistors, and Thyristors	Arrow Avnet Digi-Key Future Mouser
 www.gansystems.com	Gallium Nitride based power management semiconductor devices	Mouser Richardson RFPD
 www.finisar.com	(Formerly Finisar) Optical Components and Modules, CWDM, DWDM, Single wavelength modules, VCSEL, 1310nm Lasers & Detectors, Isolators, Couplers, Interleavers, Analyzers and Testers	Arrow Avnet Digi-Key EPS, Mouser
 www.gsitechnology.com	LLDRAM Low-Latency DRAM (288Mb/576Mb), SigmaQuad Quad SRAM (8Mb - 288Mb), SigmaDDR DDR SRAMs (18Mb-288Mb), Specialty SRAMs (Asynchronous, NBT, SyncBurst), SRAM Interface IP Ports, Gemini APU	Avnet Mouser
 www.ixys.com	MosFET Modules, IGBT Modules, Diodes (Fast Recovery, Schottky, Rectifier), Thyristors, Diode & Thyristor Modules, DCB Substrates & DICE, High Voltage Current Regulators, SMPD, Protection Devices, Silicon Carbide Products (MosFETs, Rectifier Bridges, IGBTs, Diodes)	Arrow DigiKey, Future Hughes-Peters Mouser, Newark
 www.kingston.com	Embedded Memory Products including eMMC, MCP, mSATA, M.2 SATA, microSD and DRAM	Arrow Avnet Future
 www.latticesemi.com	iCE40 (World's Smallest FPGAs), MachXO (Bridging and I/O Expansion FPGAs), ECP (Connectivity and Acceleration FPGAs), Software Tools, HDMI, DVI, MHL, and WirelessHD Connectivity Devices	Arrow, Digi-Key Future, Mouser WPG
 www.macronix.com	Industry Standard Serial NOR Flash, Parallel NOR Flash, NAND: SLC Parallel and Serial NAND, NOR & SLC NAND Flash: Industrial, Automotive, Known Good Die (KGD), MCP (NOR+pSRAM / SLC NAND + LPDDR)	Arrow Avnet DigiKey Future
 www.monolithicpower.com	DC-DC Power Modules, DC-DC & AC-DC Discrete Converters, Battery Mgmt. ICs, Motor Drivers, Magnetic Positioning & Current Sensors, LED & Display Drivers, Class-D Audio Amps, E-Fuse, USB & Load Switches	Avnet Digi-Key Future Mouser
 www.telink-semi.com	Bluetooth Low Energy and Multi-Mode SoCs, Zigbee SoCs, 2.4G SoCs	N/A
 www.trulyamerica.com	TFT, Touch, STN, and OLED displays, Compact Camera Modules	Arrow Avnet Future

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Passive / Electromechanical Suppliers

Principal	Products	Distribution Partners
 www.3mconnectors.com	Internal and External Twin Axial cable assemblies, Round Conductor Flat cables, Wire-to-Board Connectors, Input/Output Connectors, Wire-to-Wire Connectors, Board-to-Board Connectors	Allied, Arrow Avnet, Digi-Key Heilind, Mouser Newark, TTI
 THE HEARTBEAT OF THE IoT™ www.abracon.com	Quartz Crystals, Crystal and MEMS Oscillators, Real Time Clocks, Antennas, Wireless Charging Coils, Ceramic Resonators, SAW Filters and Resonators, Inductors, Transformers and Circuit Protection Components	Arrow, Avnet Digi-Key, Future Mouser, Newark Sager, TTI Symmetry, WPG
 EMBEDDED TECHNOLOGIES www.artesyn.com	Low, Medium, and High Power AC/DC switching power supplies - including External Adapters, Isolated and Non-Isolated DC/DC converters, modules, POL converters	Arrow, Avnet Digi-Key, Mouser Newark, Sager WPG
 www.boydcorp.com	Environmental seals and gaskets, Extruded rubber and plastic, Molded rubber and plastic, Stamped & fabricated metal, EMI shielding, Acoustic & thermal insulation, Cushioning and shock absorption, Aavid Thermal management and bonding systems, Heatsinks and Extrusions	N/A
 CONNECTIVITY SOLUTIONS a bel group http://www.cinch.com/	Connector brands including Johnson, Semflex, Stratos, Trompeter, and Midwest Microwave with products including Coax Connectors and Adaptors, Attenuators, Plugs and Jacks, RF and Microwave Interconnect and Assemblies, Mil/Aero Optical Components, Terminations and Couplers, ModIce Enclosures	Allied, Arrow Avnet, Digi-Key Heilind, Mouser Master, Newark Richardson, PEI Genesis
 www.dbunlimitedco.com	Indicators (Electro Mechanical and Piezo), Transducers (Electro Mechanical and Piezo), Buzzers, Piezo Benders, Microphones (Electret & MEMS), and Speakers	Arrow Digi-Key Future Mouser Symmetry
 www.haloelectronics.com	LAN, WAN and Telecom filters, magnetics, and isolation modules, RF and PoE Transformers, FastJacks,	Future Avnet Mouser
 www.ohmite.com	Resistors including Modified or fully Custom, Wirewound, Wire Element, Thick Film, Thin Film, Ceramic; Variable Voltage Controls (Potentiometers, Rheostats, Tap Switches); Heatsinks, Custom heater assemblies	Allied, Digi-Key Future Hughes-Peters Master, Mouser Newark, TTI
 www.littelfuse.com	Fuses; PolySwitch PTC Fuses; Varistors; Gas Discharge Tubes (GDTs); SIDACTor® devices; Silicon Protection Array (SPA) devices; Thyristors; TVS Diodes; PulseGuard® ESD Suppressors; Reed Switches, Relays, and Sensors	Arrow, Digi-Key Future, Marsh Hughes-Peters Mouser, Newark TTI
 https://na.industrial.panasonic.com/	Capacitors (SMT, Thru hole, Polymer, Electrolytic, etc), Resistors (Thick, Thin, Metal, Arrays, etc), Switches, Encoders, Inductors, Relays (PhotoMOS, Automotive, Solid State, Power, Signal, etc), Connectors, Wireless Modules, Sensors (Infrared, Light, Pressure, etc), Diodes, Transistors, SD Cards, and PGS Material	Allied, Arrow Avnet, Digi-Key Future, Master Mouser, Newark TTI
 www.qualtekusa.com	AC Receptacles, Cable Assemblies, Cable Ties, EMI Power Line Filters, AC&DC Fans, Fan Accessories, Heat Shrink Products, Power Cords & Wiring Devices, Power Supplies, LED Products, Thermal Circuit Breakers	Allied, Digi-Key Future, Heilind Master, Hughes Mouser, Sager
 THE SENSOR COMPANY www.sensirion.com	Environmental Sensors including Humidity, Temperature, Gas, MOX Gas, Particulate Matter, Carbon Dioxide. Flow Sensors including Liquid, Gas, and Differential Pressure	Arrow, Future Digi-Key Mouser, Newark Rutronik
 www.suns-usa.com	Limit Switches, Safety Switches, Industrial Foot Switches, Micro Switches, Pushbutton Switches, Capacitive Touch Buttons, LED Indicator Lights, Proximity Switches, Load Cells, Pendant & Control Stations	Carlton Bates Future
 Time-To-Market Interconnect Solutions™ www.ttmtech.com	PCB, Backplane, and Electromechanical Solutions including Advanced HDI; Flex, Rigi-Flex, and Flex Assemblies; High Layer Count and Large Format; Specialty RF and Microwave PCB Products; IC Substrates	N/A

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