

ACCELERATING INNOVATION



FOCUS BUSINESS SECTORS AND APPLICATIONS



High Reliability

- » Stability & Propulsion
- » Power Amplifier
- » Micro Module Receiver
- » Hybrid Circuits
- » Radio
- » Navigation & Control
- » Processing
- » AESA Radar



Industrial

- » Smart Buildings
- » Automation
- » Controllers
- » Alarms/Fire Controls
- » HVAC
- » Robotics
- » Smart Wall
- » Security



Transportation

- » Pedestal Charger / High Power Charger
- » Electric H₂O Pump
- » Class 8 Vehicles
- » Motor/Latch/Relay Transient Protection
- » HMI
- » E-Call
- » ADAS
- » Battery Pack



Green Energy & Power Conversion

- » Wide Band Gap Power Conversion
- » Generator/Fuel Cells
- » Home Battery Back-Up
- » E-Power True Sine wave Inverter
- » IoT
- » Energy Harvest
- » Smart Meter
- » Solar Inverter



Communication & Computing

- » Optoelectronics ROSA/TOSA
- » FPGA, Microcontroller, Microprocessor
- » Software Defined Radio (SDR)
- » Solid State Drive
- » SoC
- » 5G
- » AI
- » Servers



FOCUS PRODUCTS

Key Customers	Applications
<p>Military Contractors, Down Hole Drilling, LEO, MEO, HEO</p>	<p>High Reliability Why KYOCERA AVX?</p> <ul style="list-style-type: none"> » APS Series: Highly reliable smallest size, highest CV COTS+ MLCCs » MLO Filters: High, low, and band pass filters with high rejection performance and TCE matching capabilities » TCH: Hermetically sealed Tantalum Polymer that removes environmental instabilities in MIL and COTS+ options » TurboCap: Vertical Stacked MLCCs with inherently low inductance and high capacitance values
<p>Lighting, PV Manufacturers, Power Supply, Automation</p>	<p>Industrial Why KYOCERA AVX?</p> <ul style="list-style-type: none"> » Aluminum Electrolytic: Competitive lead times, V-Chip and leaded available in Wet, Polymer and Hybrid systems » Fuses: Accu-Guard® II thin film fuses are the smallest, lightest, and most accurate fuses in the industry » SPE Connector: Press-Fit and SMT options for SPE networks that utilize easy-to-assemble IDC wire termination technology » Inductors: LMLP Series are one of the smallest, shielded, and low profile inductors available
<p>Inverter Customers, Smart Grid, Remote IoT, UPS</p>	<p>Green Energy & Power Conversion Why KYOCERA AVX?</p> <ul style="list-style-type: none"> » FV-X2 Safety Caps: Enhanced film technology for increased reliability » Supercapacitors: Radial and prismatic packages for energy storage requiring high charge/discharge cycles and peak power handling » Antennas: Remote IoT and RF scavenging applications can make use of multiple highly efficient passive antenna offerings » Rectifier Diode: Low-loss, small size, highly reliable package for power conversion bridge circuits
<p>Tier 1 Auto, Rail, Class 8 Vehicles, EV Charging, Sensors (Radar, LiDAR, ADAS, Pressure, Temperature, etc.)</p>	<p>Transportation Why KYOCERA AVX?</p> <ul style="list-style-type: none"> » NTC: Accurate thermistors for battery cell monitoring and other temperature sensing applications » Timing: Large offering of crystals, oscillators, and TCXOs utilizing industry smallest and long-lived packages » Coax Connector: 6791 Series offer ideal frequency response and solder-free assembly of wireless modules » AEC-Q200 Supercapacitors: First-to-Market AEC qualified supercapacitors » MLV: OPEN Alliance qualified and High Temp. performance varistors with large energy ratings and repetitive strike capability
<p>5G, FPGA, Microprocessor, Microcontroller, Data Center, Optoelectronics, Edge Computing</p>	<p>Communication & Computing Why KYOCERA AVX?</p> <ul style="list-style-type: none"> » Q-Bridge: Novel SMD heat pipe with extremely low capacitive loading for unique thermal management solutions » GiGuard®: Smallest SMT TVS diode available with increased overvoltage suppression for high-speed digital circuits » FFC/FPC Connectors: Smallest pitch, low profile, back-locking connectors combining LIF/ZIF technology for increased retention forces while optimizing frequency response » 3-Terminal Feedthru Capacitors: Eliminates ferrite beads, single component EMI control with broad frequency range and high capacitance/current capabilities