

High-Reliability Components And Systems Available Throughout Europe



Aitech Systems

- High performance processing and connectivity solutions for use in defence, aerospace and space flight applications
- Rugged, open architecture VME, VPX and high-speed serial fabric-based computers and subsystems
- Small form factor standalone SWaP-optimised Ethernet switches and AI supercomputers
- Advanced Intel and PowerPC SBCs and NVIDIA based GPGPU Boards



EMI Solutions

- EMI filtering products including FlexFilter inserts, filtered connectors and filter modules
- Feed thru filters and cable assemblies - AS9100 and MIL-810/DO-160 compliant solutions



Isobaud

- Design and manufacture high-performance optoelectronic devices such as optocouplers, linear optocouplers and phototransistors
- Radiation tolerant hybrids and hermetic packages
- Solutions for aerospace, defence, industrial and medical applications



Neuro Logic Systems

- Rack/panel mount displays for equipment racks and operator control consoles
- Single and multi-head rugged displays and KVMs with LCD
- Suitable for avionics, military and industrial applications



Space IC

- Analogue integrated circuits designed for space applications (ECSS standard)
- Fully isolated SOI technologies which are latch-up immune and known to mitigate Single Event Effects
- ITAR/EAR-free rad hard power management and interface IC products



TTM Technologies

- Microelectronic solutions for space, defence and aerospace
- Qualified to MIL-PRF-38534 for both Class H (military) and Class K (space)
- High-reliability Multi-Chip-Modules (MCMs) and custom hybrid designs
- Custom Integrated Circuits (ICs) for automotive, industrial, defence/avionics and smart energy
- Ceramics solutions for high-reliability applications, including implantable medical technology



Vanguard Electronics

- High-reliability inductors and transformers for aerospace, defence and high-temp applications
- RF ferrite beads and RF inductors
- High current, low profile inductors
- Milliwatt chips to high power transformers



Virtium

- SSD and memory solutions designed to meet mission-critical, high-reliability, and long-life requirements for the most demanding embedded designs and military applications
- Space COTS+ DDR4/5 memory for LEO orbit, -55/+125°C temp range



Vorago Technologies

- The only Rad Hard Arm® company, providing radiation hardened components
- Designed for extreme environments, providing superior radiation and temperature enduring performance in semiconductor circuits
- Patented HARDSIL® technology hardens any commercially designed semiconductor component
- Suitable for aerospace, defence, and high-temp applications



VPT Components

- One of the largest manufacturers of JAN certified semiconductors
- MIL-PRF-19500 qualified Rad Hard NPN and PNP small signal and power switching transistors, SCRs, and MOSFETs
- Extensive offering of Zeners, rectifiers, switching diodes, and Schottky products
- Includes JANHC and JANKC qualified die
- Thousands of DLA and QPL parts
- A wide variety of custom products and packaging services also available



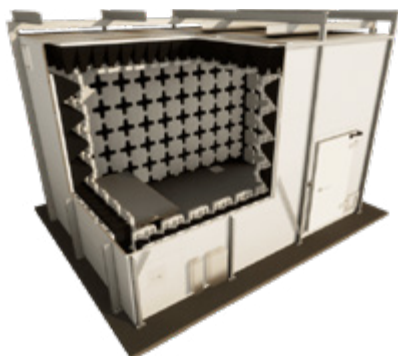
XSIS Electronics

- Hybrid microcircuit crystal oscillators and crystal units for aerospace, defence, and high-temp applications
- Suitable for high shock and vibration applications
- TID and SEE characterisation available
- MIL-PRF-38534 and MIL-PRF-55310 qualified

EMC Testing, Filtering and RF Shielded Integrated Solutions



As a Keysight Technologies Solutions Partner for EMC testing solutions, APC provides a comprehensive range of equipment for pre-compliance and full compliance testing, including receivers, amplifiers, antennas, anechoic chambers and GTEM's software.



We offer a wide range of standard anechoic chambers to meet client needs. Standard chamber models have low-frequency cut off points of 80 Hz, 100 Hz, and 160 Hz. Custom chamber designs are available to meet other performance specifications and individual customer requirements.

APC also offer bespoke, deployable RF shielded containers and Secure Compartmental Information Facilities (SCIFs) to meet the demanding requirements imposed on mission-critical systems and infrastructure by the modern-day HEMP/IEMI, TEMPEST/SCIF and RFI environments.

Our SCIF containers can be engineered to meet the requirements of MIL-STD-188-125, DEF-STAN-59-188, and SDIP-29, depending on the end-use application. Containers are ISO-compliant for ease of transportation and we also provide shielded solutions for data centres, which can also be designed to provide RFI Shielding as required by the application.



Strategic Sourcing and Authentication of Electronic Components



APC Technology Group partners with SMT Corp. to provide strategic sourcing and authentication of electronic components. As the first company to invest heavily in component counterfeit mitigation tools, SMT Corp. drives the standards and techniques to ensure that counterfeit, cloned, substandard and modified electronics do not enter the critical infrastructure supply chain.

SMT Corp. believe that counterfeit EEE parts mitigation starts with counterfeit avoidance by rigorously implementing the requirements of AS6081 when sourcing from the open market, and follows through with best-in-class counterfeit detection testing and inspection compliant to AS6171.

SMT Corp. provides:

- State-of-the-art AS6081/AS6171 counterfeit mitigation testing
- ISO 17025/AS6171 electrical testing services
- ISO 17025 accredited electrical testing as part of a component authentication process or as a stand-alone test service
- Electrical testing and up-screening services for multiple standards in accordance with MIL-STD-750 and MIL-STD-883



Together, APC Technology Group and SMT Corp form Certify Holdings - an international, full product lifecycle, strategic provider of electronics-based design, test & measurement and supply chain management solutions.

Find out more at www.certifyholdings.com

Contact Our Team To Find Out More

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