

YAGEO Group's Role in Powering the AI Revolution

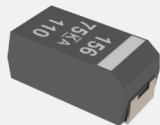
As artificial intelligence applications necessitate substantial computing power for training, machine learning, and deployment, the demand for electronic components, including YAGEO Group products, has risen significantly. This demand is because 'substantial computing power' translates into significant electrical power that needs to be provided to the computing engine and supporting systems. YAGEO Group actively participates in the AI revolution by supporting the power needs of AI-driven hardware devices.

TPI Inductor



YAGEO Group's TPI inductors are designed for a very low core loss. Its flat wire, "one turn through the construction" design, enables high efficiency at large currents. The core material is ideal for high switching frequency applications.

Ultra-Low ESR & High CV (KO-Cap®) Capacitors



With the highest volumetric efficiency available and the unique ultra-low ESR performance in a high reliability application, YAGEO Group's Ultra-Low ESR Tantalum Polymer Capacitors are an ideal solution for server systems, computing, and high power demands of AI hardware required.

PulseJack™ Integrated Connector Modules



Integrated Connector Modules (ICMs) incorporate the ethernet signal magnetics used for filtering and isolation into the RJ45 connector housing to simplify your design, minimize overall PCB footprint, and enable excellent EMI performance.

KONNEKT™ /U2J MLCC



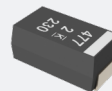
YAGEO Group's U2J with KONNEKT™ surface mount capacitors are designed for high-efficiency and high-density power applications. By utilizing ultrastable U2J dielectric, KONNEKT™ enables a low-loss, low inductance package capable of handling extremely high ripple currents in the hundreds of kilohertz.

Radial & Axial Crown SMD Aluminum Electrolytic Capacitors



Ultra-High CV Surface-Mount electrolytic capacitor with outstanding electrical performance and high energy storage capability. Combined with a low ESR and an all-welded design these capacitors are suited for extremely high demand applications.

Solid Polymer Surface Mount Aluminum (AO-Cap®) Capacitors



YAGEO Group's Surface Mount Solid Polymer Aluminum Capacitors offer longer life and greater stability across a wide range of temperatures.

Thin Film Chip Resistors



YAGEO Group's Thin Film Chip Resistors are high precision and high stability chip resistors made by thin film processes. These resistors offer superior resistance against the sulfur-containing atmosphere.