

Why Liquid Cooling is Key to the Future of AI Data Centers



As artificial intelligence (AI) continues its unstoppable rise, the surge in computing power brings with it the “happy problem” of enormous energy consumption and intense heat generation.

[Learn more](#)



onsemi

T10 LV-MV Si MOSFET - 80V T10 MOSFET

onsemi's new T10 PowerTrench MOSFET technology (80V, 40V, 25V) delivers industry leading RDS(on), higher power density and reduced switching losses.

[Learn more](#)

Solutions



High-Efficiency Power for Industrial and Telecom Applications

The 3kW ACDC Analog Power Supply Unit (PSU) uses the industry's first mixed signal controller NCP1681 for Totem Pole PFC, delivering exceptional performance with a compact footprint. [Learn more](#)

Infinion's Reference Boards for Data Center Power Supplies

High-Efficiency Solutions for Server Power Supply Units



Energy - Efficient Computing

Avnet together with the leading suppliers bring you the best Energy- efficient computing products.



AAEON
AAEON SRG-AM62 driving smart energy management



Abracon
High-Performance TLVR Inductors for Next-Gen Power Applications



Amphenol
EnergyKlip™ 550 series



Belfuse
TET series power supply



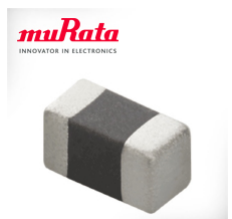
Bourns
TLVR for energy efficient computing



Molex
PowerPlane OCP ORV3 cable assemblies



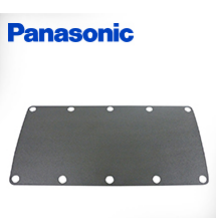
MPS
10A and 25A family of power modules



Murata
PTC Thermistor PRF15BC102RB6RC



Nordic
nRF54 series



Panasonic
Graphite TIM (Compressible type)



Rohm
Next-Gen 650V GaN HEMT: ROHM's GNP2070TD-Z



Samtec
Eye Speed® cable



STMicroelectronics
STM32N6 MCU



TDK
new FS160* series of its microPOL (μPOL) power modules



Toshiba
Over temperature detection solution for AI/Data center thermal management



Transcend
2.5" SATA & PATA SSD475P



Vishay
PowerPAK® SO-8DC package

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