

NVDIMM, SOLID STATE DRIVES & DRAM MODULES

VIKING TECHNOLOGY | A PRODUCT DIVISION OF SANMINA

Viking Technology is a global technology leader in RF, Optical, Microelectronics and Memory technologies. With over 25 years of experience in engineering, design, manufacturing and test, Viking Technology has developed some of the most innovative OEM memory solutions for the embedded/industrial, medical, telecommunications, and military/aerospace markets.

Viking Technology specializes in Non-Volatile DIMMs (NVDIMM), Solid State Drives (SSD), and DRAM solutions. Viking Technology offers a range of products that spans embedded flash solutions such as eUSB, Secure Digital (SD), mSATA, SlimSATA, and M.2 SSD to enterprise solutions such as NVDIMM Persistent memory along with 3.5inch, 2.5inch & 1.8inch SATA/PCIe/NVMe/SAS SSDs. Viking Technology also offers one of the most comprehensive lines of DRAM solutions, from DDR4 to legacy support of DDR1 in every form factor including standard, ultra small and custom designs. In addition, Viking Technology develops some of the most rugged military-grade Multi-chip Packages (MCP) for extreme automotive and industrial environments.

Viking Technology's engineering services and design expertise also support strategic partner engagements to create custom solutions not found anywhere else. These solutions include mission critical products for extreme temperature (-40°C to +200°C), G shock and high vibration environments. Technologies include high-density die stacking, conformal coating, heat dissipation, miniaturization, future storage class memory, and specialized form factor designs.

NVDIMM SOLUTIONS

- ▶ NVDIMM (DDR4) - N
- ▶ Energy Subsystems (ESS)
- ▶ Custom (ESS) Designs

SSD/FLASH SOLUTIONS

- ▶ 3.5 in. SSD (UHC-Silo)
- ▶ 2.5 in. & 1.8 in. SSD
- ▶ M.2 SSD
- ▶ SlimSATA SSD
- ▶ mSATA SSD
- ▶ eUSB (Embedded USB) modules
- ▶ Discrete Flash Cards (DFC)
- ▶ Secure Digital
- ▶ USB ThumbDrives
- ▶ Custom storage solutions
- ▶ Extreme Temperature Designs

DRAM SOLUTIONS

- ▶ DDR4, DDR3, DDR2, DDR1 Standard Modules & Small Form Factor Modules
- ▶ DDR4, DDR3, DDR2, DDR1 Stacked High-Density Modules
- ▶ Multi-Chip Packages (MCP)
- ▶ Extreme Temperature Memory
- ▶ Custom Memory Designs

VIKING ADVANTAGES

- ▶ Relieves burden on customer engineering resources
- ▶ In-house sustaining qualification and validations
- ▶ Advanced engineering & design

ADVANCED CAPABILITIES

- ▶ Enhanced & customized testing
- ▶ Environmental stress screening
- ▶ Locked BOM
- ▶ Long-term supply support
- ▶ Conformal coated

HIGH-TECHNOLOGY INNOVATIONS

- ▶ High Density DRAM (Viking Stacking Technology)
- ▶ Non Volatile DIMM (Persistent memory)
- ▶ Embedded Flash solutions (Rugged)
- ▶ Enterprise & Modular SSDs
- ▶ Extreme temperature development