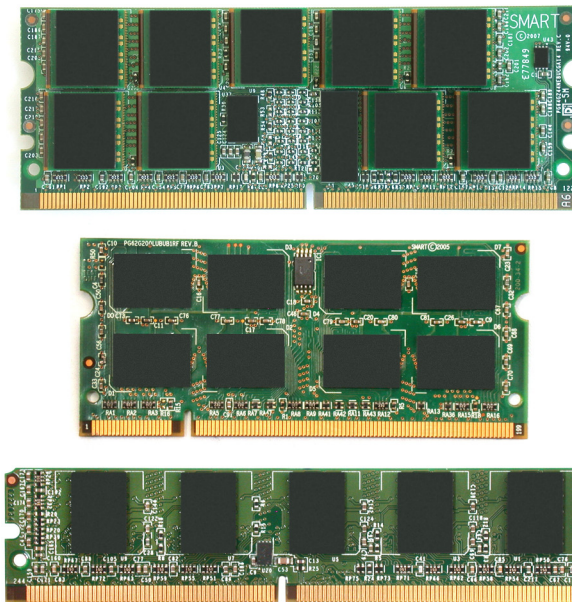


Industrial Grade DRAM Modules

Industrial Grade DRAM Modules

SMART Modular Technologies offers a complete range of industrial grade DRAM modules in a variety of technologies and densities. Targeted for dense, space-constrained systems with limited airflow, and harsh operating environments, SMART's industrial grade DRAM modules are available with extended (0° to 85°C) or industrial (-40° to 85°C) temperature grade options. Additionally, as industrial temperature grade components are typically expensive and difficult to procure, SMART offers its OEM customers to option of using industrial grade memory modules built with commercial DRAMs that have undergone extensive screening and burn-in process. This process ensures that SMART's memory modules can sustain performance in extreme environments.



Benefits

- Guaranteed reliability
- Lower cost
- Shorter lead times
- More flexibility of module options

Testing Process

- Extensive ATE testing (extended retention times, multiple patterns, varying voltages, etc)
- Full speed module system testing >85 C @ 7 hrs minimum

Three temperature grade options:

- Extended (0°C to +85°C)
- Industrial (-40° to +85°C)
- Customer Defined

Industrial Grade Modules Offered

- SO-DIMM, Mini-DIMM, DIMM (registered & unbuffered)
- DDR1, DDR2, DDR3
- Many configurations (x8, x4, x16) based modules



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