SIMATIC S7-1X00 MEMORY CARD

Product Data Sheet

6ES7954-8LL02-0AA0

256 MB SIMATIC Memory Card

MEMORY CAPACITY	MEMORY TECHNOLOGY	CARD OPERATING VOLTAGE	MINIMUM WRITE/DELETE ENDURANCE
256 MB	**Flash EPROM**	**3.3 V**	**200000 cycles**

Siemens 6ES7954-8LL02-0AA0 is a 256 MB SIMATIC memory card for the documented S7-1X00 arrangement. It uses Flash EPROM storage and the 3.3 V card interface specified in the ordering description. The nonvolatile memory retains its programmed contents without treating the card as a battery-backed RAM module.

01 TECHNICAL DATA

Memory capacity	256 MB
Memory technology	Flash EPROM
Card operating voltage	3.3 V
Minimum write/delete endurance	200000 cycles
Minimum data retention	10 years after last programming

Siemens 6ES7954-8LL02-0AA0 official technical data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

The manufacturer specifies at least 200,000 write/delete cycles and a minimum retention period of ten years after the last programming operation. Storage capacity and electrical format are fixed by this article number. The supported controller, card function and project requirements must be taken from the applicable CPU instructions rather than inferred from the memory capacity alone.

03 PRODUCT FUNCTION

Select the memory card only for a CPU and card function supported by the applicable SIMATIC S7-1X00 instructions. Match the 256 MB capacity and exact article number to the configured use. The 3.3 V figure describes the card interface and is not an instruction to connect an external field supply.

04 SYSTEM COMPATIBILITY

Prepare or program the card through the supported SIMATIC procedure and preserve the required files and project structure. Account for the minimum 200,000-cycle endurance when an application repeatedly writes to the card; the card capacity alone does not establish unlimited write life.

05 REFERENCE

Siemens 6ES7954-8LL02-0AA0 official technical data; applicable specification pages.

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