AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7954-8LC02-0AA0

SIMATIC 4 Mbyte Memory Card

TYPE	REFERENCE	SCOPE	OPTIONS
SIMATIC 4 Mbyte Memory Card	**6ES7954-8LC02-0AA0**	**Exact-model data**	**Check order**

Siemens 6ES7954-8LC02-0AA0 is a 4 Mbyte SIMATIC memory card using 3.3 V Flash-EPROM technology. It provides removable storage for supported S7-1x00 CPU and SINAMICS uses, with the required card role determined by the target controller and project.

01 DOCUMENTED PRODUCT REFERENCE

Memory technology	Flash-EPROM
Memory capacity	4 Mbyte
Supply voltage	3.3 V
Minimum write/delete cycles	500,000
Data retention below 50,000 cycles	Minimum 10 years
Data retention above 450,000 cycles	1 year
Compatible controller family	SIMATIC S7-1200
Transfer-card mode	Supported

Siemens exact-model data sheet. Verify the complete supplied product identity.

02 TECHNICAL DATA

Program-card mode	Supported
Firmware-update use	Supported
Code-block storage	Supported
Data-block storage	Supported
Technology-object storage	Supported
Device-configuration storage	Supported
Force-value storage	Not included

03 APPLICATION AND CONFIGURATION

- Removable storage for the supported SIMATIC CPU and card role.
- Retain the complete 6ES7954-8LC02-0AA0 order code.
- Match the documented electrical, interface and environmental requirements.
- Consult the applicable wiring and installation instructions.
- Verify supplied-unit markings before installation.

04 OFFICIAL DOCUMENTATION

Siemens 6ES7954-8LC02-0AA0 Data Sheet

Source: Siemens official exact-model data sheet; 1 source page(s). Last modified: 9/25/2025.

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

AMIKON PRODUCT SUPPORT

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