SIMATIC S7 MICRO MEMORY CARDS

Product Data Sheet

6ES7953-8LP31-0AA0

Eight-megabyte micro memory card

STORAGE CAPACITY	MEMORY TECHNOLOGY	MEMORY VOLTAGE CLASS	MINIMUM WRITE/DELETE ENDURANCE
8 Mbyte	**Flash-EPROM**	**3.3 V Nflash**	**100000 operations**

Siemens 6ES7953-8LP31-0AA0 is an 8 Mbyte SIMATIC S7 Micro Memory Card. It uses 3.3 V Nflash memory for compatible S7-300, C7 and ET 200 controllers. The removable card stores the controller program and associated project content.

01 TECHNICAL DATA

Storage capacity	8 Mbyte
Memory technology	Flash-EPROM
Memory voltage class	3.3 V Nflash
Minimum write/delete endurance	100000 operations
Minimum data retention	10 years after final programming
Supported controller range	S7-300, C7 and ET 200

Siemens original 6ES7953-8LP31-0AA0 data sheet, memory specifications; application description 66604179 V4.2.2, approved

02 ADDITIONAL PRODUCT DATA

Flash-EPROM storage supports at least 100000 write/delete operations and retains data for at least ten years after the final programming action. The card measures 24 x 32 x 1.4 mm and has an approximate mass of two grams.

03 PRODUCT FUNCTION

Use the 8 Mbyte SIMATIC MMC only within its supported S7-300, C7 or ET 200 controller arrangement. Nominal medium capacity does not define the size of the installed project.

04 SYSTEM COMPATIBILITY

Prepare the card through the supported SIMATIC memory procedure and retain the required controller software compatibility. Avoid generic storage formatting that removes the controller-specific format.

05 REFERENCE

Siemens original 6ES7953-8LP31-0AA0 data sheet, memory specifications; application description 66604179 V4.2.2, approved hardware table, page 9.

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