

SIEMENS

SINAMICS Drive Technology | Supplementary System Components

6SL3054-4AG00-2AA0

SINAMICS SD Card 512 MB Empty

512 MB SD Memory Card for SINAMICS Drives

The Siemens 6SL3054-4AG00-2AA0 is an empty 512 MB SINAMICS SD memory card used as removable storage for drive parameter settings and compatible system data. Siemens classifies it as a supplementary system component and lists it as a memory card without firmware for backing up converter settings.

Product lifecycle	PM300 — Active Product
-------------------	------------------------

Technical Specifications

Parameter	Specification
Article number (MLFB)	6SL3054-4AG00-2AA0
Product description	SINAMICS SD card 512 MB empty
Product family	Supplementary system components
Memory capacity	512 MB
Card condition	Empty / without firmware
Primary function	Storage and transfer of SINAMICS converter parameter settings
Parameter backup	Settings can be saved from the converter to the card and loaded from the card to the converter
Firmware	No firmware supplied on this article
Typical application	SINAMICS drive systems supporting the SD-card interface
Operating temperature	−10 ... +60 °C (industry product data reference)
Net weight	0.010 kg
Packaging dimensions	175 × 250 × 2 mm
Quantity unit	1 piece
EAN	4042948664049
UPC	887621274832
Commodity code	85235110
Country of origin	Germany
RoHS compliance	Yes; substance-restriction compliance since 18 May 2018
Product class	Class A — standard stock product, subject to Siemens return guidelines
WEEE	Take-back obligation applies
REACH	Siemens states no current SVHC information from its supply chain
eClass	19-15-07-02
ETIM	EC000192

Function & Operating Principle

The SD card provides non-volatile removable storage for the drive system. Parameter settings can be written from a SINAMICS converter to the card or restored from the card to a compatible converter. This supports commissioning, service and drive replacement workflows.

Siemens documentation states that the memory card can support standard commissioning without an operator panel such as IOP-2 or BOP-2. The card is not required for normal operation in the standard application and does not have to remain

inserted after commissioning, subject to the specific drive and licensed-function requirements.

Application & Selection Notes

This exact article is the empty 512 MB card. It must not be confused with Siemens memory cards containing firmware, Safety licenses or other licenses. Those variants use different article numbers.

Compatibility & Licensing

For basic parameter backup, the empty card is suitable where the target SINAMICS product supports the corresponding SD-card interface. If a licensed function is required, the appropriate license-bearing memory card or licensing procedure must be used. The 6SL3054-4AG00-2AA0 itself contains no firmware or license.

Primary Siemens References

[Siemens Official Data Sheet — 6SL3054-4AG00-2AA0](#)

[Siemens Industry Mall — Product Details](#)

[Siemens D31.2 — SINAMICS G120XA / Supplementary System Components](#)

[Siemens G120 CU250S-2 Operating Instructions, July 2025](#)

Document note: This is an independently compiled English technical datasheet based primarily on current Siemens official product data and documentation. It is not a Siemens-issued publication. Siemens documentation remains the controlling reference for procurement, engineering, firmware compatibility and licensing.