

SINAMICS CONVERTER POWER SECTIONS

Product Data Sheet

A5E00842112

IGBT driver circuit board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGBT driver circuit board	SINAMICS converter power sections	Germany	0.35 kg

Siemens SINAMICS A5E00842112 is a IGBT driver circuit board for the SINAMICS converter power sections. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGBT driver circuit board
Drive Family	SINAMICS converter power sections
Primary Function	Drives power semiconductor gates and evaluates protection feedback
Power Architecture	IGBT gate-driver electronics
Voltage Class	24 V DC control class
Current Rating	Signal-level gate outputs
Power Section	Power-stage driver section
Mechanical Design	Service printed-circuit board
Electrical Interface	Gate, fault and auxiliary connectors
Commissioning Check	Check desaturation protection and timing

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Apply the IGBT gate control: Use A5E00842112 to drive power semiconductor gates and evaluate protection feedback within the documented SINAMICS converter power sections. Confirm the power-stage driver section, electrical class and controlled drawing before work.
- Prepare the protection feedback route: Record gate, fault and auxiliary connectors, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact A5E00842112 driver board arrangement during replacement.
- Complete the desaturation test: Check desaturation protection and timing. Review Siemens diagnostics and record the final A5E00842112 driver board result before returning the affected function to service.

SYSTEM COMPATIBILITY

Match A5E00842112 to the installed SINAMICS converter power sections, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>

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