

SINAMICS POWER ELECTRONICS

Product Data Sheet

A5E38979248

IGD driver board

FUNCTION IGD driver board	FAMILY SINAMICS power electronics	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SINAMICS A5E38979248 is a IGD driver board for the SINAMICS power electronics. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD driver board
Drive Family	SINAMICS power electronics
Primary Function	Controls IGBT firing and DC-link feedback
Power Architecture	PWM gate-drive electronics
Voltage Class	525–820 V DC link
Current Rating	Power-module defined current
Power Section	Power-block driver section
Mechanical Design	Compact driver board
Electrical Interface	Analog I/O and gate connectors
Commissioning Check	Check PWM timing and DC-link scaling

- Service the 820 V link sensing: Use A5E38979248 to controls igbt firing and dc-link feedback in the documented SINAMICS power electronics. Match 525–820 V DC link, Power-module defined current and the installed power-block driver section before work.
- Restore the PWM gate path: Record analog i/o and gate connectors, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the 820 V IGD board.
- Complete the analog feedback: Check PWM timing and DC-link scaling. Review Siemens drive diagnostics and record the final 820 V IGD board configuration before returning the affected machine function to service.

Match A5E38979248 to the installed SINAMICS power electronics, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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