

SINAMICS S120 MULTI-AXIS DRIVES

Product Data Sheet

A5E36717799

IGD2 R4 driver board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD2 R4 driver board	SINAMICS S120 multi-axis drives	Germany	2.3 kg

Siemens SINAMICS A5E36717799 is a IGD2 R4 driver board for the SINAMICS S120 multi-axis drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD2/R4 driver board
Drive Family	SINAMICS S120 multi-axis
Primary Function	Controls high-current IGBT gates
Power Architecture	IGD2/R4 gate-drive architecture
Voltage Class	480 V AC / 650 V DC
Current Rating	380 A module class
Control Supply	Isolated gate-control power
Power Section	Multi-axis inverter section
Mechanical Design	TIM board group
Electrical Interface	Internal IGBT gate connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Power-block baseplate cooling
Board Designation	A5E36717799 IGD2/R4
Service Role	MCHP drive repair component
Product Status	End-of-lifecycle spare
Commissioning Check	Verify 380 A board identity

OFFICIAL APPLICATIONS

- Apply the IGD2 R4 driver board: Use A5E36717799 for controls high-current igbt gates only after confirming the installed drive family, exact section and electrical class.
- Match the 480 V AC / 650 V DC hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Verify 380 A board identity. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

SYSTEM COMPATIBILITY

Match A5E36717799 to the installed SINAMICS S120 multi-axis drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall and applicable drive documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E36717799>

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