

SIMATIC S7-1200

Product Data Sheet

6ES7222-1BD30-0XB0

SB 1222 High-Speed Digital Output Board

OUTPUTS	VOLTAGE	CURRENT	SPEED
4 MOSFET	24 V DC	0.1 A	200 kHz

Siemens 6ES7222-1BD30-0XB0 is an S7-1200 SB 1222 signal board with four high-speed 24 V DC MOSFET outputs.

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VERIFIED TECHNICAL DATA

Product type	SB 1222 DQ 4x24 V DC 200 kHz
Digital outputs	4
Output technology	MOSFET solid-state
Output operation	Sinking or sourcing
Rated output voltage	24 V DC
Rated output current	0.1 A per channel
Maximum switching rate	200 kHz
Short-circuit protection	No

Values are limited to this exact Siemens order number and the cited official manual.

02

ADDITIONAL VERIFIED DATA

Backplane current	35 mA typical
Power loss	0.5 W
Maximum shielded cable length	50 m
Output status indication	LED per channel
Horizontal operating temperature	-20 to +60 °C
Dimensions W × H × D	38 × 62 × 21 mm
Weight	Approx. 35 g

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PRODUCT FUNCTION

The exact board provides four sinking or sourcing outputs, 0.1 A rated current per channel, a maximum 200 kHz switching rate and a maximum 50 m shielded cable length.

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OFFICIAL APPLICATIONS

- Pulse-train output generation
- Pulse-width modulation output
- Frequency output generation
- High-speed digital actuator signaling
- Compact digital-output expansion of an S7-1200 CPU

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OFFICIAL SOURCES

[Siemens exact product record](#)

[SIMATIC S7-1200 SB 1222 Technical Data](#)

AMIKON PRODUCT SUPPORT

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