

SIMATIC SD memory card 2 GB Secure Digital Card for For devices with corresponding Slot Further information, Quantity and content: see technical data



| General information | |
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| Product type designation | SD memory card |
| Control elements | |
| Frame size/design | |
| <ul style="list-style-type: none"> • Standard | Yes; Typically 10 000 insertion cycles |
| <ul style="list-style-type: none"> • Flat | Yes |
| Installation type/mounting | |
| Mounting position | Any, dependent on target device |
| Mounting in portrait format possible | Yes |
| Mounting in landscape format possible | Yes |
| Supply voltage | |
| Type of supply voltage | DC |
| Rated value (DC) | 3.3 V; Max 3.6 V |
| Input current | |
| Current consumption (rated value) | 100 mA; Typical, maximum value |
| Memory | |
| Type of memory | Secure Digital memory card |

| | |
|-------------------------------------|--|
| Memory size | 2 048 Mbyte; Larger internal memory |
| Transmission rate for reading, max. | 1.6 Mbit/s; Minimum, typical for newly formatted memory |
| Transmission rate for writing, max. | 1.6 Mbit/s; Minimum, typical for newly formatted memory |
| Wear leveling (distributed writing) | Yes; > 100 000 write/read cycles per cell and > 3 000 000 write/read cycles per card |
| Write protection switch | Yes; Effectiveness depends on the device |

Interfaces

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| Device-side interface | |
| <ul style="list-style-type: none"> • Number of pins device-side | 9 |

Standards, approvals, certificates

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|-----------------------|--|
| CE mark | Yes |
| UL approval | Yes |
| cULus | Yes |
| KC approval | Yes |
| RoHS conformity | Yes |
| China RoHS compliance | Yes |
| Marine approval | Yes; Passive component, therefore dependent on target device |

Use in hazardous areas

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| <ul style="list-style-type: none"> • ATEX Zone 2 | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • ATEX Zone 22 | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • IECEx Zone 2 | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • IECEx Zone 22 | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • cULus Class I Zone 2, Division 2 | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • FM Class I Division 2 | Yes; Always comply with the operating instructions of the target device. |

Marine approval

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| <ul style="list-style-type: none"> • Germanischer Lloyd (GL) | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • American Bureau of Shipping (ABS) | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • Bureau Veritas (BV) | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • Det Norske Veritas (DNV) | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • Lloyds Register of Shipping (LRS) | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • Nippon Kaiji Kyokai (Class NK) | Yes; Always comply with the operating instructions of the target device. |
| <ul style="list-style-type: none"> • Polski Rejestr Statkow (PRS) | Yes; Always comply with the operating instructions of the target device. |

- Chinese Classification Society (CCS) Yes; Always comply with the operating instructions of the target device.
- Compass working clearance 5 m

Ambient conditions

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| Suited for indoor use | Yes |
| Suited for outdoor use | Yes; possible under certain conditions |

Ambient temperature during operation

- min. -30 °C
- max. 60 °C

Ambient temperature during storage/transportation

- min. -40 °C
- max. 80 °C

Relative humidity

- Operation, max. 95 %
- Condensation permissible No; Condensation not permissible

Operating systems

pre-installed operating system

- Windows CE No; Preinstalled system files

Runs under operating system

- Windows CE Yes
- Windows Vista Yes
- Windows XP Yes
- Windows 7 Yes
- Windows 8 Yes
- Windows 10 Yes
- Linux No
- other Yes; Card must not be formatted!

Mechanics/material

| | |
|----------------------------|-------------------------------------|
| Enclosure material (front) | |
| • Plastic | Yes; Gold contacts |
| Enclosure color (front) | RAL 6034 (color deviation possible) |

Service life

- Number of operating cycles, keys 10; Min. data storage without loss (in years)

Dimensions

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| Width | 24 mm |
| Height | 32 mm |
| Thickness | 2.1 mm |

Weights

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|--------------------------|-----|
| Weight without packaging | 3 g |
| Weight incl. packaging | 6 g |

Scope of supply

Delivery quantity in pieces 1

Other

Merchandise No

Manufacturer name SIEMENS AG

Manufacturer's address Gleiwitzerstraße 555, 90475 Nuremberg, Germany

Target devices Especially for KTP Mobile Panels 2nd Generation, MP377 and Comfort Panels, but also for all other panels (other than Classic Panels) and PCs with suitable slot

Note: Not suitable for MP177, MP277, Mobile Panel 277, OP77, TP/OP177, TP/OP277 and Mobile Panel 177

Usable in the following products

- Product 2 6AV2124-1*
- Product 3 [6AV2124-2DC01-0AX0](#)
- Product 4 6AV2125-2G*
- Product 5 6AV2125-2J*
- Product 6 6AV6644*

last modified: 12/09/2020