

# SQF-ISD

## Industrial SD Card

# SQF-UDM

## Industrial USB Disk Module

NEW



RoHS COMPLIANT 2002/95/EC CE FCC

### Features

- SLC and MLC NAND Flash and wide range temperature support
- Compliant with SD system specification version 2.0 and 3.0
- Write protection feature using mechanical switch
- Shock resistance, anti-vibration and low power consumption

### Specifications

Connector Type	SD Card
Flash Type	SLC / MLC
Capacity	SLC: 1 to 32 GB MLC: 4 to 64 GB
Sustained R/W Performance (*)	SLC: up to 25/15 MB/sec MLC: up to 22/10 MB/sec
Operating Temperature	Commercial grade: 0 to +70° C Industrial grade: -40 to +85° C
Shock Resistance	1,500 G, Peak / 0.5 ms
Vibration Resistance	5 G, Peak / 10 ~ 2000 Hz
Endurance	> 2,000,000 program/erase cycles
Dimensions (mm)	32 (L) x 24 (W) x 2.1 (H)

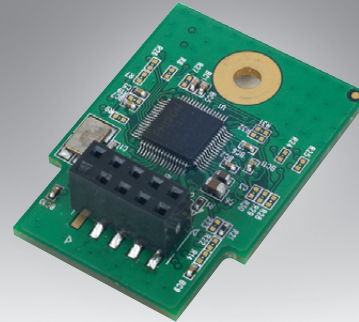
(\*) These values are for reference only; they may change according to the flash memory used.

### Ordering Information

Part No.	Product Description
SQF-ISDS1-XG-86C	Advantech SQFlash SD Card C6 SLC 1/2 G (0 ~ 70° C)
SQF-ISDS1-XG-86E	Advantech SQFlash SD Card C6 SLC 1/2 G (-40 ~ 85° C)
SQF-ISDS1-XG-82C	Advantech SQFlash SD Card C10 SLC 4/8/16/32 G (0 ~ 70° C)
SQF-ISDS1-XG-82E	Advantech SQFlash SD Card C10 SLC 4/8/16/32 G (-40 ~ 85° C)
SQF-ISDM1-XG-82C	Advantech SQFlash SD Card C10 MLC 4/8/16/32/64 G (0 ~ 70° C)
SQF-ISDM1-XG-82E	Advantech SQFlash SD Card C10 MLC 4/8/16/32/64 G (-40 ~ 85° C)

Note: X stands for different capacities

NEW



RoHS COMPLIANT 2002/95/EC CE FCC

### Features

- Compliant with standard USB specifications
- Built-in EDC/ECC up to 12 random bits error per 512 bytes
- Advanced wear-leveling and block management
- Shock resistance, anti-vibration and low power consumption

### Specifications

Connector Type	10-pin 2.54 mm pitch receptacle housing connector
Flash Type	SLC / MLC
Capacity	SLC: 1 to 32 GB MLC: 4 to 64 GB
DC Supply Voltage	5V (±10%)
Sustained R/W Performance (*)	SLC: up to 32/26 MB/sec MLC: up to 30/12 MB/sec
Operating Temperature	Commercial Grade: 0 to +70° C
Shock Resistance	2,500 G, Peak / 0.5 ms
Vibration Resistance	20 G, Peak / 80 ~ 2000 Hz
Endurance	> 5,000,000 program/erase cycles
Dimensions (mm)	26.5 x 37.8 x 10.6 (PCB Size)
Orientation	Horizontal

(\*) These values are for reference only; they may change according to the flash memory used.

### Ordering Information

Part No.	Product Description
SQF-UDMS1-1G-HDC	Advantech SQFlash USB DOM SLC 1 G, 1-CH (0 ~ 70° C)
SQF-UDMS1-1G-HDE	Advantech SQFlash USB DOM SLC 1 G, 1-CH (-40 ~ 85° C)
SQF-UDMS2-XG-HDC	Advantech SQFlash USB DOM SLC 2/4/8/16/32 G, 2-CH (0 ~ 70° C)
SQF-UDMS2-XG-HDE	Advantech SQFlash USB DOM SLC 2/4/8/16/32 G, 2-CH (-40 ~ 85° C)
SQF-UDMM1-4G-HDC	Advantech SQFlash USB DOM MLC 4 G, 1-CH (0 ~ 70° C)
SQF-UDMM1-4G-HDE	Advantech SQFlash USB DOM MLC 4 G, 1-CH (-40 ~ 85° C)
SQF-UDMM2-XG-HDC	Advantech SQFlash USB DOM MLC 8/16/32/64 G, 2-CH (0 ~ 70° C)
SQF-UDMM2-XG-HDE	Advantech SQFlash USB DOM MLC 8/16/32/64 G, 2-CH (-40 ~ 85° C)

Note: X stands for different capacities

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Memory Cards](#) category:*

*Click to view products by [Advantech](#) manufacturer:*

Other Similar products are found below :

[SQF-ISDS1-8G-21C](#) [USDCOEM-32GB](#) [LMEX1L128GG2](#) [LMEX1L256GG2](#) [LMEX1L016GG2](#) [LMEX1L032GG2](#) [LMEX1L064GG2](#)  
[SDSDQAF4-032G-I](#) [SDSDQAF4-256G-I](#) [AP-CF016GKBNS-ETNRG](#) [CFLSH-016SDG](#) [MS-C6-8G](#) [WPCFC512M-HFITI-AA](#)  
[WPMSD001G-PFITI](#) [WPMSD002G-PFITI](#) [WPMSD004G-PFISMAS](#) [WPMSD008G-PFISM](#) [WPMSD008G-PFISMAS](#) [WPMSD016G-](#)  
[PFISM](#) [WPMSD016G-PFISMAS](#) [WPSDC001G-EAITI](#) [WPSDC002G-EAITI](#) [HMC-EF283](#) [SDCFXPS-032G-X46](#) [SDCFXSB-128G-G46](#)  
[SDSDQB-032G-B35](#) [SDSDQM-032G-B35A](#) [SDU4GDMGRB](#) [SDU4GDPGRB](#) [5788667-1-CUT-TAPE](#) [RP-SMLE32DA1](#) [SDC4GDPGRB](#)  
[2729389](#) [VTDCFBPI004G](#) [SDSDAF3-016G-XI](#) [2403484](#) [VTDS41PI008G](#) [SDSDAF3-016G-I](#) [VSFCS2CC060G](#) [SDSDAF3-032G-XI](#)  
[SDSDAD-016G](#) [SDSDAF3-008G-XI](#) [SDSDAF3-008G-I](#) [SDSDQAB-016G-J](#) [VTDCFBPI008G](#) [M1A0-0160R12](#) [M1A0-0320R12](#) [M1A4-](#)  
[0320R12](#) [M1AA-0160R12](#) [M1AA-0320R12](#)