SQF-P10

Industrial CompactFlash

Features

- Compliant with CFA 3.0 specification
- Built-in EDC/ECC up to 48 random bit errors per 2K bytes
- Advanced wear-leveling and block management
- Shock resistance, anti-vibration and low power consumption
- GUI Management Tool & Software API Package

GUI Management Tool & Software API Package

| Flash Security ID | Life Monitoring | Flash Lock | Emergency Erase |

RoHS COMPLIANT 2002/95/EC   CE FCC

Specifications

Capacity	256MB/1G/2G/4G/8G/16G/32G/64G
Flash Type	SLC/MLC
Compatibility	CF 3.0, PC Card, Socket Services
Form Factor	CF Type-I
Voltage	3.3 V / 5.0 V
Data Transfer Mode	PIO Mode-6 MWDMA Mode-2 UDMA Mode-4 (4CH UDMA5)
Sustained R/W Performance (*)	SLC 4 channel: 83/87 MB/sec SLC 2 channel: 43/40 MB/sec SLC 1 channel: 22/15 MB/sec MLC 2 channel: 43/20 MB/sec
Operation Temperature	Commercial Grade: 0 to +70° C Extended Grade: -40 to +85° C
Host interface	8/16 bit access
ECC (BCH)	Corrects up to 48 random bit errors per 2K bytes
Endurance	> 5,000,000 program/erase cycles
Shock resistance	1,500 G, Peak / 0.5 ms
Vibration resistance	20 G, Peak / 80 ~ 2000 Hz

(*)The values are for reference only; they may change according to the flash memory used.
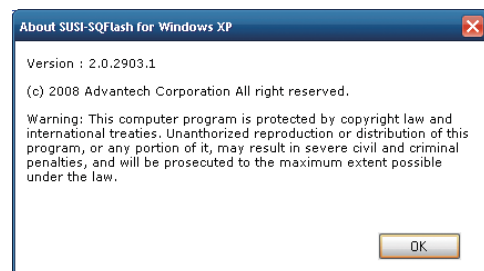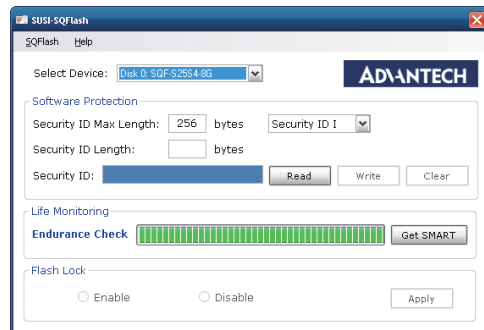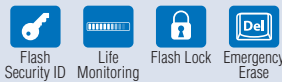
Ordering Information

Part No.	Product Description
SQF-P10S1-XX-P8C	SQFlash SLC 256M/1G CF, 1-CH, DMA (0 ~ 70° C)
SQF-P10S2-XG-P8C	SQFlash SLC 2/4/8/16G/32G CF, 2-CH, DMA (0 ~ 70° C)
SQF-P10S1-1G-P8E	SQFlash SLC 1G CF, 1-CH, DMA (-40 ~ 85° C)
SQF-P10S2-XG-P8E	SQFlash SLC 2/4/8/16G/32G CF, 2-CH, DMA (-40 ~ 85° C)
SQF-P10S4-XG-P8C	SQFlash SLC 4/8/16G/32G/64G CF, 4-CH, DMA (0 ~ 70° C)
SQF-P10S4-XG-P8E	SQFlash SLC 4/8/16G/32G/64G CF, 4-CH, DMA (-40 ~ 85° C)
SQF-P10M2-XG-P9C	SQFlash MLC 16G/32G/64G CF, 2-CH, DMA (0 ~ 70° C)
SQF-P10M2-XG-P9E	SQFlash MLC 16G/32G/64G CF, 2-CH, DMA (-40 ~ 85° C)

Note: X stands for different capacities

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BBAXM VSFCS2XI120G-V11 SFCE120GW1EB4TO-I-5E-111-STD SDSDQAF3-128G-XI SDSDQEB-016G SQF-MSDS1-1G-21C
SFCA032GH1AO2TO-C-QC-216-STD SFCE030GW1EB1TO-I-5E-111-STD SFCE015GW1EB1TO-I-5E-111-STD HMC-EF283 SDCFXPS-
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CF001GRANS-ETNRC