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

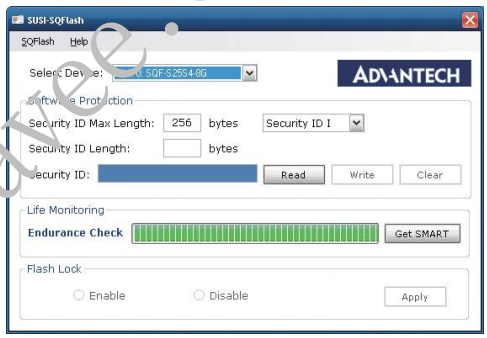
Flash Security ID | Life Monitoring | Flash Lock | Emergency Erase

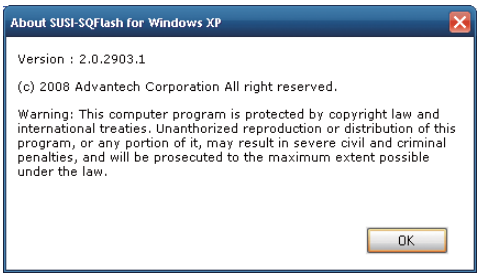
RoHS CE FCC

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
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-P10S1-256M-P8C	SQF 256M SLC CF 1CH P8 DMA (0~70°C)
SQF-P10S2-512M-P8C	SQF 512M SLC CF 2CH P8 DMA (0~70C°)
SQF-P10S1-1G-P8C	SQF 1G SLC CF 1CH P8 DMA (0~70°C)
SQF-P10S2-2G-P8C	SQF 2G SLC CF 2CH P8 DMA (0~70°C)
SQF-P10S2-4G-P8C	SQF 4G SLC CF 2CH P8 DMA (0~70°C)
SQF-P10S2-8G-P8C	SQF 8G SLC CF 2CH P8 DMA (0~70°C)
SQF-P10S2-16G-P8C	SQF 16G SLC CF 2CH P8 DMA (0~70°C)
SQF-P10S2-32G-P8C	SQF 32G SLC CF 2CH P8 DMA (0~70°C)
SQF-P10S4-32G-P8C	SQF 32G SLC CF 4CH P8 DMA (0~70°C)
SQF-P10S4-64G-P8C	SQF 64G SLC CF 4CH P8 DMA (0~70°C)
SQF-P10S1-256M-P8E	SQF 256M SLC CF 1CH P8 DMA (-40~85°C)
SQF-P10S2-512M-P8E	SQF 512M SLC CF 1CH P8 DMA (-40~85°C)
SQF-P10S1-1G-P8E	SQF 1G SLC CF 1CH P8 DMA (-40~85C°)
SQF-P10S2-2G-P8E	SQF 2G SLC CF 2CH P8 DMA (-40~85°C)
SQF-P10S2-4G-P8E	SQF 4G SLC CF 2CH P8 DMA (-40~85°C)
SQF-P10S2-8G-P8E	SQF 8G SLC CF 2CH P8 DMA (-40~85°C)
SQF-P10S2-16G-P8E	SQF 16G SLC CF 2CH P8 DMA (-40~85°C)
SQF-P10S2-32G-P8E	SQF 32G SLC CF 2CH P8 DMA (-40~85°C)
SQF-P10S4-32G-P8E	SQF 32G SLC CF 4CH P8 DMA (-40~85°C)
SQF-P10S4-64G-P8E	SQF 64G SLC CF 4CH P8 DMA (-40~85°C)
SQF-P10S2-8G-P8C	SQF 8G SLC CF 2CH P8 DMA (0~70°C)
SQF-P10S2-16G-P8C	SQF 16G SLC CF 2CH P8 DMA (0~70°C)