Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

SQF-P10

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   C E 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