



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!



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ATP Industrial Grade CompactFlash Card

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications



ATP Industrial Grade CompactFlash Card has enhanced endurance levels for extended product life cycle by utilizing selected SLC NAND flash and Advanced Wear Leveling technology. Moreover, the implemented AutoRefresh technology monitors the error bit levels during each read operation to better ensure data integrity.

Key Features

- SLC (Single-Level-Cell) NAND Flash with a longer lifespan
- Enhanced endurance with Advanced Wear Leveling algorithm
- Bad Block Management
- Read Disturb Protector - AutoRefresh to ensure data integrity during read operation
- Built-in hardware-based data protection technology during power failure - PowerProtector
- Supports S.M.A.R.T. ATA feature set

Applications

- Portable computation
- Automation
- Industrial PC
- Gaming
- On board data storage



Specifications

Product Name	CompactFlash Card	
Flash Type	SLC	MLC*
Density	512MB to 32GB	8GB to 32GB
Performance	Sequential Read up to 61 MB/s	Sequential Read up to 110 MB/s
	Sequential Write up to 55 MB/s	Sequential Write up to 46 MB/s
Interface	UDMA 0~7	
Operation Temperature	-40°C to 85°C	0°C to 70°C
Reliability	Advanced Wear Leveling & Bad Block Management	
	TBW** (max.) : 640 TB	TBW** (max.) : 38.4 TB
	MTBF @25°C: >5,000,000 hours	
	Number of Insertions: 10,000 minimum	
Dimensions: LxWxH (mm)	36.4 x 42.8 x 3.3	

* Available on a project basis.

** All TBW data listed are under highest random write value in each product line. The TBW data are subject to change by density, configuration and customers' applications.

Ordering Information

Density	SLC	MLC*
512MB	AF512CFI-OEM	-
1GB	AF1GCFI-OEM	-
2GB	AF2GCFI-OEM	-
4GB	AF4GCFI-OEM	-
8GB	AF8GCFI-OEM	AF8GCFP3-OEM
16GB	AF16GCFI-OEM	AF16GCFP7-OEM
32GB	AF32GCFI-OEM	AF32GCFP7-OEM

* Available on a project basis.

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