### 阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网,版权归原作者所有。如读者和版权方有任何异议请及时告之,我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译,其目的是协助用户阅读,该译文无法自动跟随原稿更新,同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料,来自厂商的技术支持或者使用者的心得体会等,其内容可能存在描 叙上的差异,建议读者做出适当判断。
- 4.如需与我们联系,请发邮件到marketing@iczoom.com,主题请标有"数据手册"字样。

## **Read Statement**

- 1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
- 2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
- 3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
- 4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets".



# 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 compution
- 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		

<sup>\*</sup> Available on a project basis.

#### **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

<sup>\*</sup> Available on a project basis.

ATP TAIWAN(HQ)

TEL: +886-2-2659-6368 FAX: +886-2-2659-4982 sales-apac@atpinc.com ATP USA

TEL: +1-408-732-5000 FAX: +1-408-732-5055 sales@atpinc.com ATP EUROPE

TEL: +49-89-374-9999-0 FAX: +49-89-374-9999-29 sales-europe@atpinc.com ATP JAPAN

TEL: +81-3-6206-8097 FAX: +81-3-6206-8098 sales-japan@atpinc.com ATP CHINA

TEL: +86-21-5080-2220 FAX: +86-21-5080-2219 sales@cn.atpinc.com



<sup>\*\*</sup> 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.