



ATP aMLC (*advancedMLC*) SDHC/microSDHC Cards

Targeted Product Portfolio with Comprehensive Testing

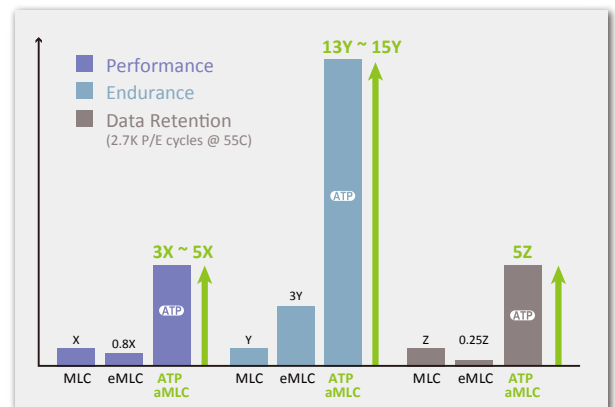


Optimal Solutions to Intensive Write applications with Competitive Pricing

ATP aMLC SDHC/microSDHC cards, designed for intensive write and reliable applications, are considered as escalation of MLC memory cards. With advanced firmware algorithm, ATP aMLC technology manipulates MLC flash 2 bits each cell into 1 bit to improve aMLC product specification.

Key Features

- aMLC (*advancedMLC* technology)
- Advanced Wear Leveling algorithm
- Bad Block Management
- Read Disturb Protector - AutoRefresh to ensure data integrity during read operation
- Enhanced F/W algorithm to minimize the risk of a sudden power-off
- Waterproof, Dustproof and ESD resistant
- Highly reliable and pass environmental test (Bend/Torque/Salt Spray/Solar radiation)
- Life Monitor
(Note: The compatibility and support of Life Monitor may vary on different platform/operation system)



Applications

- Industrial PCs
- Medical devices
- Drive recorder
- Surveillance systems
- Test and Measurement
- Mobile/Handheld computers

Specifications

Product	SDHC	microSDHC
Flash Type	aMLC	
Density	4GB to 8GB	4GB to 16GB
Performance	Sequential Read up to 74.5MB/s Sequential Write up to 27.3MB/s	Sequential Read up to 74.5MB/s Sequential Write up to 36.2MB/s
Interface	SD3.0 UHS-I Mode	
Operating Temperature	-25°C to +85°C	
Reliability	Advanced Static/Dynamic Wear-Leveling	
	TBW**(max.): 64TB	TBW**(max.): 128TB
	MTBF@25C:>3,000,000 hours Number of Insertions: 10,000 minimum	
Dimensions: LxWxH(mm)	32.0 x 24.0 x 2.1	15.0 x 11.0 x 1.0

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