

CFast Card

ISC3E (SLC)



The ADATA ISC3E industrial-grade CFast cards utilize SLC NAND flash for higher capacities, and 60K P/E cycle rating for long-lasting durability. What's more, with BCH ECC error correction the ISC3E can ensure data accuracy and integrity. Customers can also benefit from S.M.A.R.T. technologies for easy management and real-time monitoring of ADATA cards. The ISC3E is ideally suited for applications such as automation, IPC, retail (POS, Kiosks), networking, surveillance and healthcare.

Features

- Compliant with CFast 2.0 specifications
- SLC NAND flash for great product longevity
- 60K P/E Cycles – improved endurance and reliability
- Wide temperature support: -40°C to 85°C
- BCH ECC error correction and Wear Leveling
- S.M.A.R.T. Monitoring
- Suitable for automation, IPC, retail (POS, Kiosks), networking, surveillance and healthcare

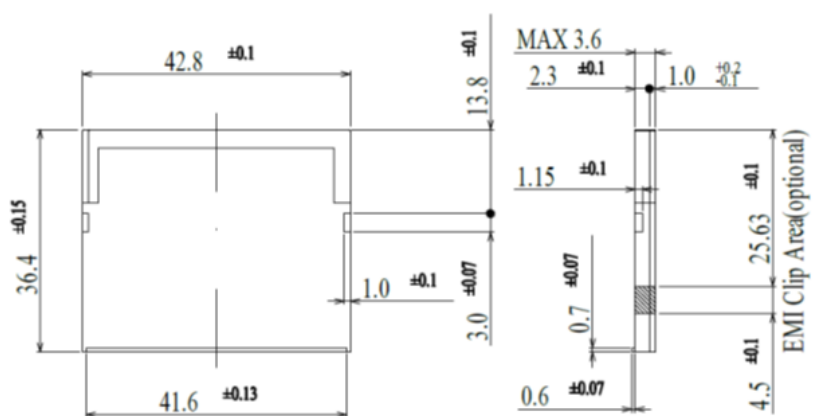
Ordering Information

Operating Temp.	4GB	8GB	16GB	32GB	64GB
0°C to 70°C	ISC3E-004GF	ISC3E-008GF	ISC3E-016GF	ISC3E-032GF	ISC3E-064GF
-40°C to 85°C	ISC3E-004GW	ISC3E-008GW	ISC3E-016GW	ISC3E-032GW	ISC3E-064GW

Specifications

Model	ISC3E (SLC)
Form Factor	CFast 2.0
Capacity	4GB – 64GB
Interface	SATA III
Flash Type	SLC
Dimensions (L x W x H)	36.5 x 42.9 x 3.6mm
Sequential Read (Max.)	180MB/s
Sequential Write (Max.)	160MB/s
Operating Temperature (Standard)	0°C to 70°C
Operating Temperature (Industrial)	-40°C to 85°C
Operating Voltage	3.3V
Power Consumption (Max.)	1.5W
Shock Resistance	1500G/0.5ms, Half Sine Wave
Operating Humidity	5%-95% RH, non-condensing
Vibration Resistance	20G (20-2000Hz)
Technologies	BCH ECC, Wear Leveling, NCQ and TRIM command, Garbage collection, S.M.A.R.T. Monitoring

Diagram



Unit: mm

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