

SuperStore CF red

Professional-Line

- ▶ High-class CompactFlash Card from CSM
- ▶ Capacities from von 128 MB to 24 GB
- ▶ Full Metal housing
- ▶ ISP (In-System-Programming)
- ▶ BIOS HDD security function support
- ▶ Write cycles approx. 3,000,000
- ▶ Transfer rate read/write up to 35/32 MB/s
- ▶ Advanced defect block management
- ▶ Error correction of 4 bit random error / sector
- ▶ Wear-Leveling support
- ▶ 3000 G shock, 30 G vibration
- ▶ Optional: Customized formatting and labeling

Full Metal



With the **SuperStore CF red** CSM presents a new memory card of the Professional-Line. The card is perfect for use in industrial applications e.g. industrial personal computers, machine construction, measurement systems, avionics and telecommunication.

The **SuperStore CF red** uses Tiger Controller and Samsung SLC NAND Flash. These are very reliable and fast. Each CF Card is tested before delivery. The traceability is guaranteed by a serial number.

Additional CSM offers a number of extra services, like labeling service, customized formatting and programming of the cards.

Specification	SuperStore CF red		
Number of pins	50		
Capacity	128 MB to 16 GB (Type I) / 24 GB (Type II)		
Dimensions	L: 36.4 mm, W: 42.8 mm, H: 3.3 mm (Type I) / H: 5.0 mm (Type II)		
Interface	PC Card ATA und IDE: UDMA4 & PIO Mode 4 Multi word DMA Mode 2		
Access	random access, 512 Byte sector size		
Transfer rate read/write up to	35/32 MB/s		
Write cycles	approx. 3,000,000		
MTBF	3,000,000 h		
Data bus	8 bit / 16 bit		
Insertion cycles	min. 10,000		
Operating temperature	Type TGI: - 40 °C to +85 °C	Type TGS: 0 °C to 70 °C	
Humidity	max. 95%, non-condensing		
DC input voltage (VCC)	3.3 V or 5 V		
Typical power requirements	Read	Write	Standby
	< 20 mA (3.3 V) < 40 mA (5 V)	< 35 mA (3.3 V) < 60 mA (5 V)	ca. 1 mA (3.3 V) ca. 6.5 mA (5 V)
Vibration (peak to peak max.)	30 G		
Shock operation	max. 3,000 G		

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