

APACER Memory Modules



This product is RoHS compliant.

Apacer

Access the best



RoHS Compliant

SD2.0 COMMERCIAL SDHC CARDS

Apacer Commercial SDHC Class 4/6/10 Memory Cards are designed specifically for SD 2.0 card applications that put a premium on small form factor with lower power, such as consumer digital cameras, high-resolution cameras, camcorders, and multimedia products. All device and interface configuration data are (such as maximum frequency, card identification, etc.) stored on the card.



Features:

- Variable clock rate 0 - 50MHz
- Correction of memory field errors
- Card Removal during read operation will never harm the content
- Built-in write protection features (permanent and temporary)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Apacer Part No.	Memory Size (GB)	Dimensions: mm	Max. Operating Temp (°C)	Price Each	
					1	10
Class 4						
908-AP4GSDHC4-B	AP4GSDHC4-B	4	24x32x2.1	-40 to 85	4.95	4.89
908-AP8GSDHC4-B	AP8GSDHC4-B	8	24x32x2.1	-40 to 85	6.75	6.55
908-AP16GSDHC4-B	AP16GSDHC4-B	16	24x32x2.1	-40 to 85	11.95	11.69
908-AP32GSDHC4-B	AP32GSDHC4-B	32	24x32x2.1	-40 to 85	30.95	30.59
Class 6						
908-AP4GSDHC6-R	AP4GSDHC6-R	4	24x32x2.1	-40 to 85	6.25	6.09
908-AP8GSDHC6-R	AP8GSDHC6-R	8	24x32x2.1	-40 to 85	7.65	7.49
Class 10						
908-AP8GSDHC10-R	AP8GSDHC10-R	8	24x32x2.1	-40 to 85	7.89	7.65
908-AP16GSDHC10-R	AP16GSDHC10-R	16	24x32x2.1	-40 to 85	13.55	13.29

INDUSTRIAL COMPACTFLASH

Apacer Industrial CompactFlash provides solid traceability to ensure all product HW/FW are the same as you qualified.

Features:

- Longevity Support with Fix B.O.M.
- Compliant with CFA 3.0 specifications for CFCIII
- Compliant with CFA 4.1 specifications for CFC4
- Advanced wear-leveling and Block Management
- Secured Protection Zone/ Quick Erase for ATA CF
- Interface: PC Card Memory Mode; PC Card I/O Mode; True IDE Mode
- ECC Support: Up to 8/15 bit correction per 512byte page size (BCH)

- Shock: 50G
- Vibration: 15G
- Humidity: 5% ~ 95%
- MTBF (hours): 2,000,000
- Active Mode (Typ.): 80mA/95mA
- Idle Mode: (Typ.): 700µA/900µA

Specifications:

- Ruggedize Power Failure Recovery
- Connector: 50-pin
- Built-in HW ECC and SMART Functions
- Shock resistance, Anti-vibration and Low power consumption



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Standard Temperature: 0°C to 70°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Apacer Part No.	Capacity (GB)	Compliant with	Sustained R/W Speed (MB/s)	Price Each	
					1	10
908-AP-CF001GA5GS-NR	AP-CF001GA5GS-NR	1	CF4	50/21	38.34	37.28
908-AP-CF002GA5GS-NR	AP-CF002GA5GS-NR	2	CF4	50/21	45.41	44.15
908-AP-CF004GA5GS-NR	AP-CF004GA5GS-NR	4	CF4	50/21	72.58	70.55
908-AP-CF008GA5GS-NR	AP-CF008GA5GS-NR	8	CF4	50/21	122.85	118.57
908-CF002GE3FRNRK	AP-CF002GE3FR-NRK	2	CF3	30/5	38.90	37.82
908-CF004GE3FRNRK	AP-CF004GE3FR-NRK	4	CF3	30/5	68.20	66.21
908-CF008GE3FRNRK	AP-CF008GE3FR-NRK	8	CF3	30/5	126.57	123.06

Extended Temperature: -40°C to 85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Apacer Part No.	Capacity (GB)	Compliant with	Sustained R/W Speed (MB/s)	Price Each	
					1	10
908-APCF001GA5GSETNR	AP-CF001GA5GS-ETNR	1	CF4	50/21	40.86	39.72
908-APCF002GA5GSETNR	AP-CF002GA5GS-ETNR	2	CF4	50/21	49.01	48.00
908-APCF004GA5GSETNR	AP-CF004GA5GS-ETNR	4	CF4	50/21	77.46	74.32
908-APCF008GA5GSETNR	AP-CF008GA5GS-ETNR	8	CF4	50/21	130.83	126.25
908-CF008GE3FRETRNK	AP-CF008GE3FR-ETNRK	8	CF3	30/5	125.40	121.91

INDUSTRIAL SD CARDS

Features:

- Access time: 80ms
- Operating supply voltage: 3.3V
- NAND flash type: SLC
- High-speed sustained read / write (MB/sec): Standard Temp: 22 read / 15 write Extended Temp: 10 read / 7 write



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Standard Temperature

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Apacer Part No.	Memory Size (GB)	Max. Operating Temp (°C)	Price Each	
				1	10
908-AP-ISD01GCS2A-T	AP-ISD01GCS2A-T	1	0 to 70	28.09	27.23
908-AP-ISD02GCS2A-T	AP-ISD02GCS2A-T	2	0 to 70	36.45	35.44
908-AP-ISD04GCS4A-T	AP-ISD04GCS4A-T	4	0 to 70	72.37	70.37
908-AP-ISD08GCD4A-T	AP-ISD08GCD4A-T	8	0 to 70	131.93	128.26

Extended Temperature

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Apacer Part No.	Memory Size (GB)	Max. Operating Temp (°C)	Price Each	
				1	10
908-AP-ISD01GIS2B-T	AP-ISD01GIS2B-T	1	-40 to 85	27.18	26.43
908-AP-ISD02GIS2B-T	AP-ISD02GIS2B-T	2	-40 to 85	47.07	45.76
908-AP-ISD04GIS4B-T	AP-ISD04GIS4B-T	4	-40 to 85	70.87	68.90
908-AP-ISD08GID4B-T	AP-ISD08GID4B-T	8	-40 to 85	127.29	123.75

microSDHC™ CLASS 4 MEMORY CARDS

The Apacer microSDHC™ memory card—the world's smallest removable storage—features a thumbnail-sized footprint and sufficient storage for all 3G phones' digital content including high-resolution photos, large audio and video files, MMS, e-mail messages, and Java-based games.

Features:

- Supports ECC function to detect and correct errors
- Supports Wear Leveling function to extend product life cycles
- Complies with highest security of SDMI standard
- Speed Class: Class 4 (minimum write speed of 4MB/sec)
- Available with Norton Internet Security



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Apacer Part No.	Memory Size (GB)	Dimensions: mm	Compliant with	Price Each	
					1	25
908-AP4GMCSH4-B	AP4GMCSH4-B	4	15x11x1	SD Spec Ver 2.0	5.65	5.25
908-AP8GMCSH4-B	AP8GMCSH4-B	8	15x11x1	SD Spec Ver 2.0	8.26	7.67
908-AP16GMCSH4-B	AP16GMCSH4-B	16	15x11x1	SD Spec Ver 2.0	19.00	17.50
908-AP32GMCSH4-P	AP32GMCSH4-P	32	15x11x1	SD Spec Ver 2.0	43.00	40.00

SDHC CLASS 10 MEMORY CARDS

Designed to meet the trend in consumer cameras, Apacer SDHC Class 10 memory card's write speed is over 10MB per second, and available in 8GB-32GB.

Features:

- Supports ECC function to detect and correct errors
- Supports Wear Leveling function to extend product life cycles
- Mechanical write protection switch
- Speed class: Class10 (minimum write speed of 10MB/sec)
- Available with Norton Internet Security



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Apacer Part No.	Memory Size (GB)	Dimensions: mm	Compliant with	Price Each	
					1	25
908-AP-MSD04GCS4P-TM	AP-MSD04GCS4P-TM	4	24x32x2.1	SD Spec Ver 2.0	12.00	11.10
908-AP-MSD08GCD4P-TM	AP-MSD08GCD4P-TM	8	24x32x2.1	SD Spec Ver 2.0	22.85	21.29
908-AP-MSD16GCH4P-TM	AP-MSD16GCH4P-TM	16	24x32x2.1	SD Spec Ver 2.0	49.50	45.00

Memory

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