

ATA PC Card Adapter for SmartMedia™



BN-FDAD  (For Reference Only)

Full-size ATA PC card adapter provides portable PC connectivity for the super compact SmartMedia™ memory card.

■ Features

1. Complies with PC card ATA standards.
2. PC card type II.
3. 5V operating voltage.
4. High speed read/write operation. (see Interface Characteristics.)
5. Low power consumption. (see Power Supply Characteristics.)
6. Built-in eject button.
7. Automatic SmartMedia voltage detection function(3.3V to 5V).

■ Specification Table

Part No.	SmartMedia™ Type		Dimensions (mm)	Number of Pins
	Operating Voltage	Memory Capacity (bytes)		
BN-FDAD	5V	2M, 4M	PC Card TYPE II 85.6x54.0x5.0	68
	3.3V	2M, 4M, 8M, 16M, 32M, 64M, (128M)*		

* Electrically and physically designed to be ready for next generation 128MB card. Further compatibility tests will follow upon future release of this card.

■ Power Supply Characteristics

	Symbol	Conditions	Min.	Typ.	Max.
DC Input Voltage (V)	V_{CC}		4.5	5.0	5.5
Operating Power Current (mA)	I_{CCR} I_{CCW}			10	15
				At Read	20
Stand-by Current (mA)	I_{SB}	$V_{IH}=V_{CC}$ $V_{IL}=0V$		0.55	

■ Operating Environment

	Min.	Max.
Operating Temperature (°C)	0	60
Storage Temperature (°C)	-20	70
Humidity (R.H.%)	5	95
Vibration (G)		15
Impact (G)		50

■ Interface Characteristics

	Characteristics
Read Data Transfer Rate (Card » Host)	3.5 Mbytes/sec
Write Data Transfer Rate (Host » Card)	0.65 Mbytes/sec

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