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UNITED STATES DISTRICT COURT

CENTRAL DISTRICT OF CALIFORNIA

USB Technologies, LLC, a California limited liability company, Plaintiff, v. Sandisk Corporation, a Delaware corporation, Defendants.	Case No. **COMPLAINT FOR PATENT INFRINGEMENT AND PERMANENT INJUNCTION** **DEMAND FOR JURY TRIAL**

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COMPLAINT

Plaintiff USB Technologies, LLC, ("USB Technologies"), by and through its undersigned counsel, for its Complaint against Defendant Sandisk Corporation ("Sandisk") makes the following allegations. These allegations are made upon information and belief.

JURISDICTION AND VENUE

1. This is an action for patent infringement arising under the patent laws of the United States, including 35 U.S.C. §§ 271, 281, and 283-285.

2. This Court has subject matter jurisdiction over this action pursuant to 28 U.S.C. § § 1331 and 1338(a) because it arises under United States Patent law.

3. Venue is proper in this District pursuant to 28 U.S.C. §1391(b) and (c). On information and belief, Defendants are subject to this Court's personal jurisdiction in that the acts and transactions complained of herein include the import and sale of infringing goods, identified herein, through the State of California and specifically in this District. Furthermore, Defendants' sales transactions are initiated nationwide over the Internet, including sales targeted to the State of California and this District, thereby purposefully availing themselves of the benefits of the state.

THE PARTIES

4. USB Technologies is a limited liability company organized under the laws of the State of California and has an office and principal place of business at 35 Hugus Alley, Suite 210 Pasadena, California 91103.

5. Upon information and belief, Sandisk is a corporation organized under the laws of the State of Delaware having a place of business at 951 Sandisk Drive Milpitas, California 95035.

FACTS

1. USB Technologies is the owner, by assignment, of U.S. Patent No. 7,809,866 ("the '866 Patent"), entitled "Double Interface SD Flash Memory Card," which was duly and legally issued on October 5, 2010, by the United States Patent and

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Trademark Office. A copy of U.S. Patent No. 7,809,866 is attached to this complaint as **Exhibit A**.

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2.   The claims of the '866 Patent are valid and enforceable.

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3.   Defendant Sandisk sells to its customers in the United States the "SanDisk Ultra II SD Plus 2GB Card," "SanDisk SDSDPH-004G-A11 4GB/15MB Ultra II SD Plus Card" and/or "SanDisk 4GB Ducati Edition SD Plus Card" product (collectively "Sandisk Product Family). A listing of the "SanDisk Ultra II SD Plus 2GB Card" product on Sandisk's website (currently not in stock) is attached herewith as **Exhibit B**. A listing of the "SanDisk 4GB Ducati Edition SD Plus Card" product on Amazon.com is attached herewith as **Exhibit C**. A listing of the "SanDisk SDSDPH-004G-A11 4GB/15MB Ultra II SD Plus Card" product on Amazon.com is attached herewith as **Exhibit D**.

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4.   The Sandisk Product Family are double interface SD flash memory cards with a SD flash memory card and a USB interface. The Sandisk Product Family comprises a first transmission interface, a circuit board with a microprocessor and a plurality of flash memory. The Sandisk Product Family comprises a first bus interface to perform a signal transmission and a second bus interface circuit different from the flash memory card. The Sandisk Product Family also contains an interface detection and switching circuit, for switching to the first interface circuit or the second interface circuit based on an initializing signal generated from the system interface circuit. The microprocessor within the Sandisk Product Family switches to the right interface, determining and supporting a connection action automatically based on the type of system interface circuit detected.

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5.   Each of the products in the Sandisk Product Family infringe on the claims of the '866 patent, including, but not limited to claim 1.

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6.   Defendant Sandisk imports, buys, sells and offers to sell to consumers the Sandisk Product Family over a worldwide website without regard to the patent rights of USB Technologies. A copy of an offer for sale (currently not in stock) of the

1   "SanDisk Ultra II SD Plus 2GB Card" product on the Sandisk Corporation.com

2   website is attached herewith as **Exhibit B**. A copy of an offer for sale of the

3   "SandDisk 4GB Ducati Edition SD Plus Card" product on the Amazon.com website is

4   attached herewith as **Exhibit C**. A copy of an offer for sale of the "SanDisk

5   SDSDPH-004G-A11 4GB/15MB Ultra II SD Plus Card" product on Amazon.com is

6   attached herewith as **Exhibit D**.

7   7.   Unless enjoined by this Court, Defendants will continue to infringe

8   the '866 patent.

9   8.   Plaintiff has been, and will continue to be, irreparably harmed by

10 Defendants' ongoing infringement of the '866 patent.

11   9.   This is an exceptional case under 35 U.S.C. § 285 and Plaintiff

12 should therefore be awarded treble damages pursuant to 35 U.S.C. §284, of any

13 and all damages awarded for Defendants' infringement of the '866 patent.

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COUNT I

CLAIM FOR PATENT INFRINGEMENT

UNDER 35 U.S.C. § 271 ('866 PATENT)

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17   10.   USB Technologies hereby incorporates by reference the allegations of

18 paragraphs 1 through 9 of this Complaint as if fully set forth herein.

19   11.   Defendants have imported, offered to sell and provide, have sold and

20 provided, and continue to offer to sell and provide in the United States and in this

21 District, products and services, namely the Sandisk Product Family, that infringe one

22 or more claims of the '866 Patent, including, but not limited to, Claim 1.

23   12.   Defendants' infringement of the '866 Patent has been and continues to be

24 willful.

25   13.   Unless enjoined by this Court, Defendants will continue to infringe

26 the '866 Patent.

27   14.   As a direct and proximate result of Defendants' infringement of the '866

28 Patent, USB Technologies has been and will continue to be damaged in an amount yet

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COMPLAINT

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1   to be determined, including but not limited to Plaintiff's lost profits and/or reasonable
2   royalties.

3   **PRAYER FOR RELIEF**

4   WHEREFORE, Plaintiff prays for relief against Defendants as follows:

5   A.   For a preliminary injunction to issue against Defendant, its agents,
6   servants, employees, successors and assigns and all others in concert and privity with
7   it from making, using, offering to sell, selling, or importing into the United States any
8   product infringing on the claims of United States Patent No. 7,809,866;

9   B.   For a permanent injunction to issue against Defendant, its agents,
10   servants, employees, successors and assigns and all others in concert and privity with
11   it from making, using, offering to sell, selling, or importing into the United States any
12   product infringing on claims of United States Letters Patent No. 7,809,866;

13   C.   An award of damages in an amount to be determined at trial, but not less
14   than a reasonable royalty and/or Plaintiff's lost profits as a result of Defendant's
15   infringing actions;

16   D.   A finding that Defendant's infringement has been willful;

17   E.   A trebling, pursuant to 35 U.S.C. § 284, of any and all damages awarded
18   for Defendant's infringement of the '866 Patent;

19   F.   A finding that this is an exceptional case under 35 U.S.C. § 285;

20   G.   An award, pursuant to 35 U.S.C. § 285, of reasonable attorneys' fees;

21   H.   An award of interest and costs; and

22   I.   For such other and further relief as may be just and equitable.

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COMPLAINT

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<u>DEMAND FOR TRIAL BY JURY</u>

Pursuant to Rule 38 of the Federal Rules of Civil Procedure, Plaintiff hereby demands a jury trial on all issues and causes of action triable to a jury.

Respectfully submitted,

DATED: March 26, 2015   **COTMAN IP LAW GROUP, PLC**

      s/ Rasheed M. McWilliams

By:_____

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US 7,809,866 B2

(12) United States Patent
Liu et al.

(10) Patent No.:   **US 7,809,866 B2**
(45) Date of Patent: **Oct. 5, 2010**

(54) **DOUBLE INTERFACE SD FLASH MEMORY CARD**

(75) Inventors: **Wen-Tsung Liu**, Taipei Hsien (TW); **Chia-Li Chen**, Taipei Hsien (TW)

(73) Assignee: **Carry Computer Engineering Company, Limited**, Hsin Tien (TW)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **10/216,611**

(22) Filed: **Aug. 12, 2002**

(65) **Prior Publication Data**

US 2004/0059846 A1   Mar. 25, 2004

(51) **Int. Cl.**
  G06F 13/12   (2006.01)
  G06F 3/00   (2006.01)
(52) **U.S. Cl.** **710/62**; 710/2; 710/8; 710/72
(58) **Field of Classification Search** 710/72, 710/2, 74, 8, 62
  See application file for complete search history.

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Primary Examiner—Alan Chen

(57)   **ABSTRACT**

A double interface SD flash memory card includes a SD flash memory card and a USB adaptor. The SD flash memory card has a standard SD card interface and a circuit board, which has a microprocessor and flash memories. The USB adapter has at least a SD interface socket and a USB plug. The SD interface socket can be inserted with a SD flash memory card and the USB plug can be connected to other information devices. The double interface SD flash memory card includes a SD bus interface circuit for the SD flash card, a USB bus interface circuit for a system end, and an interface detection and switching circuit detect if there is an initialized signal from the system interface and switch to the SD bus interface circuit or the USB bus interface circuit based on result of the detection. The microprocessor can detect, identify, and support connecting signal of SD interface or USB interface automatically. When a signal is sent from the SD card interface or the USB card interface, the microprocessor will switch the circuit and relevant electronic elements in the circuit board to support the SD card or the USB card to access the data in the flash memories in the card.

20 Claims, 4 Drawing Sheets

EXHBIIT A

Fig 1

Fig 2

EXHBIIT A

Power On   40

First Bus Mode   Interface Detection   Second Bus Mode
                             and Switching Circuit
                                      24

SD Bus Selected   USB Bus Selected
                    42   50

Bus Idle   44   Bus Idle   52

SD Instruction 46   USB Instruction 54

48 Instruction Process   Instruction Process   56
    and Response Generation   and Response Generation
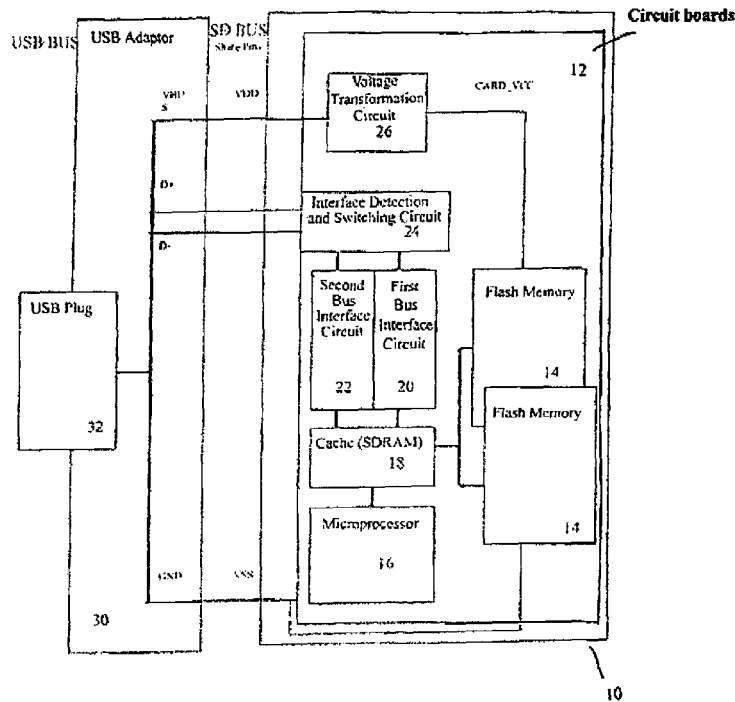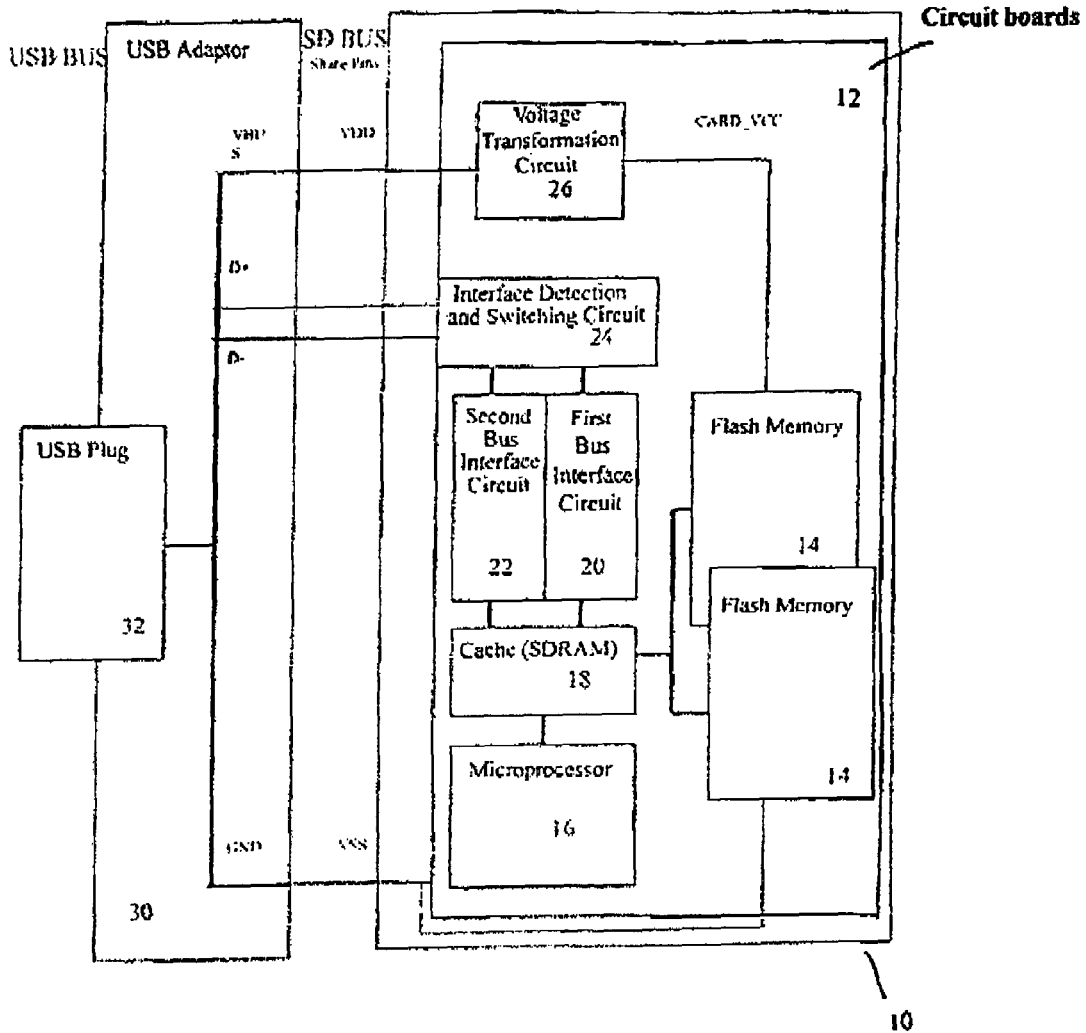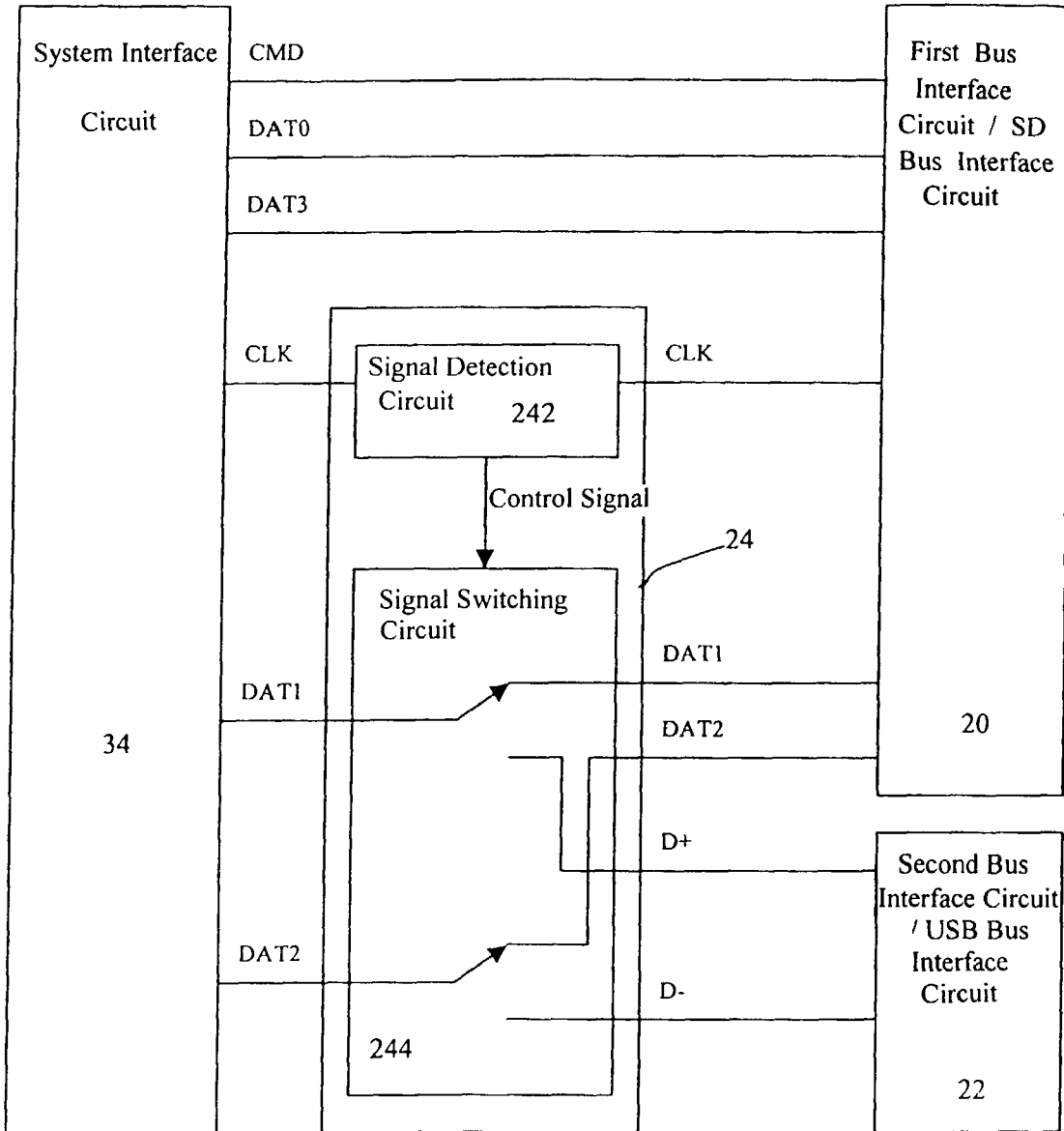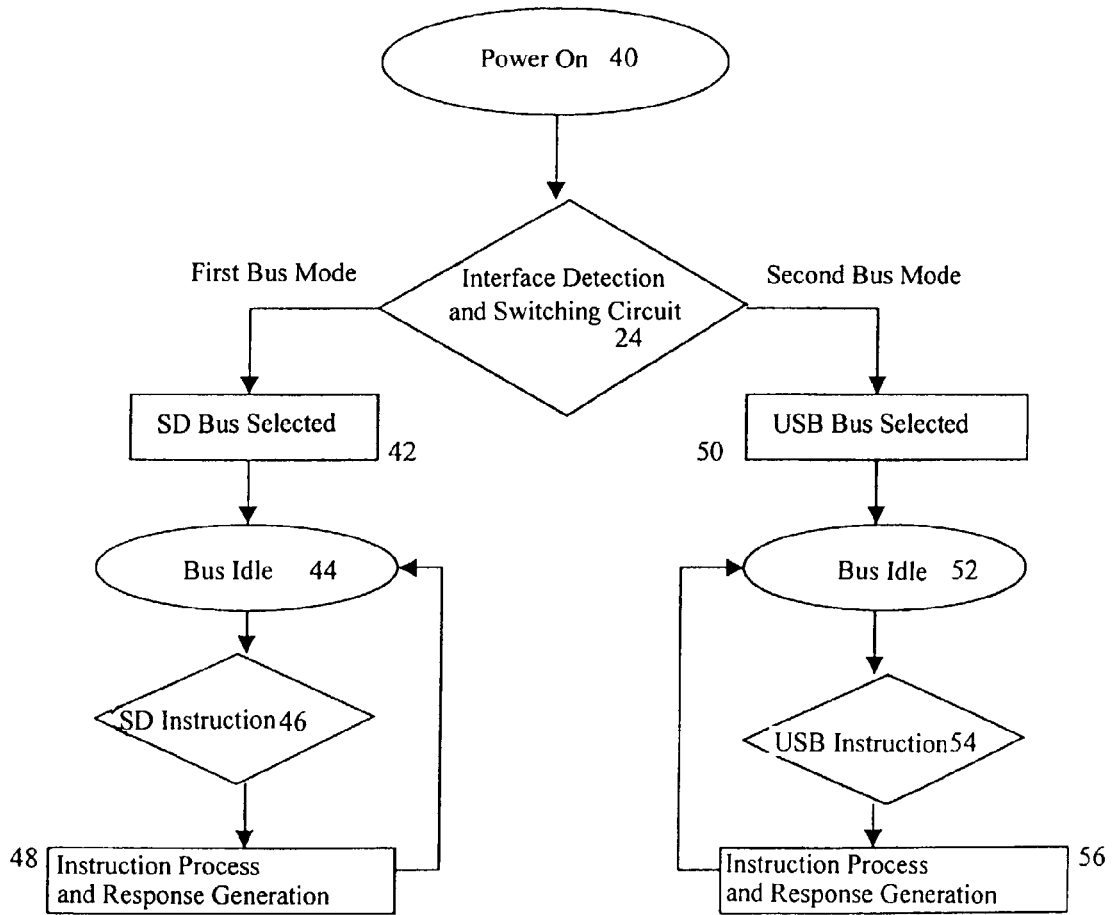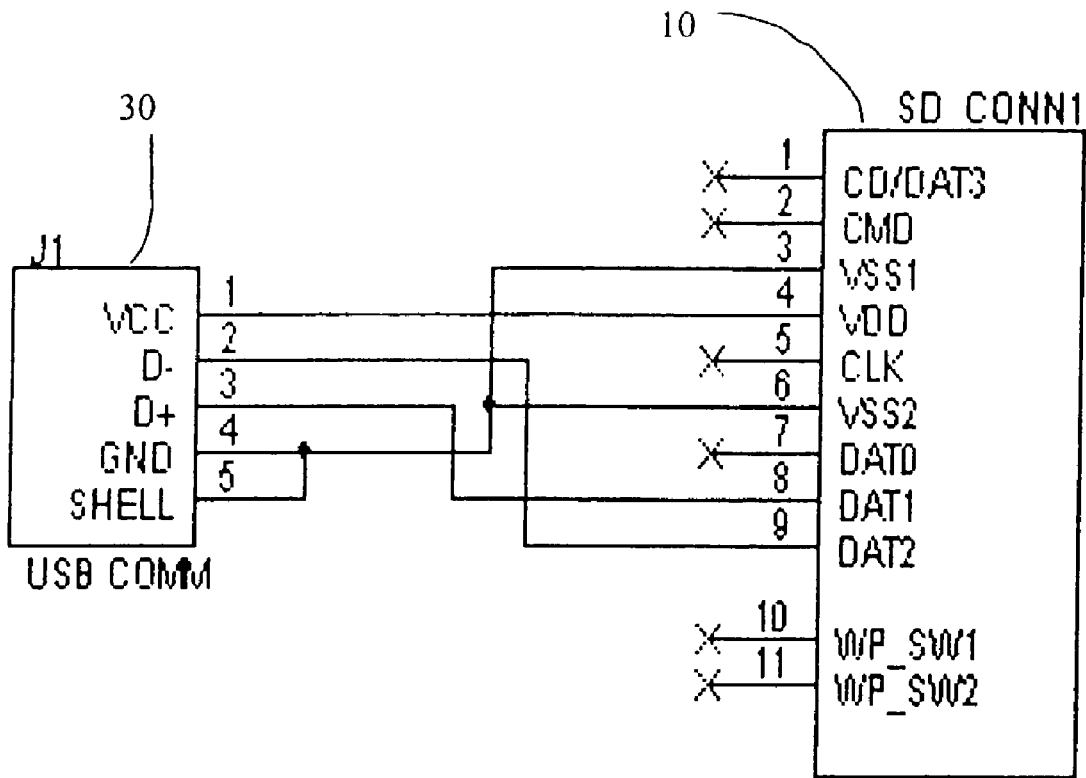
Fig 3

Fig 4

US 7,809,866 B2

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DOUBLE INTERFACE SD FLASH MEMORY CARD

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention is related to a double interface flash memory card, in particular to a double interface SD flash memory card.

2. Description of Related Art

Since the USB (Universal Serial Bus) interface was developed in 1996, it has gradually taken over the position of various conventional transmission interfaces due to its high transmission rate, easy installation, hot-swapping and plug & play features. With a USB interface, the host can be connected to various peripheral equipments, such as scanner, keyboard, printer, etc., without the need of installing drivers. Thus products with USB interfaces are widely used not only in computers (e.g., desktops or notebooks) or peripheral equipment but also in various IA products (e.g., PDA, DSC, MP3 Player, etc.).

In year 2,000, Matsushita, SanDisk, and Toshiba introduced a new "SD Flash Memory Card" standard, which is referred as "Secure Digital Card". A SD Card comprises of several flash memories, a microprocessor, and a semiconductor circuit. Due to its lightweight, small size, high access speed, and large capacity, the SD card is widely used in peripheral equipment, PDAs, DSCs, MP3 Players, etc., and has become a new portable storage media that has vast market value. The SD card adopts a dedicated SD interface. Though manufacturers of peripheral equipment or information appliances can develop products dedicated used with SD flash memory cards, these products can't meet the requirements of customers to exchange data between them and computer systems (desktops or notebooks) or other digital products communicating with USB interfaces. For example, if a consumer wants to access the data in a DSC with the SD flash memory card and display or edit the data in a computer system or a product with a USB interface, this work can't be done because that there is no corresponding SD interface at the computer system or the digital product described above.

In such cases, the consumers have to buy a flash memory card driver (card reader) or an Adaptor that supports SD cards to exchange data with the computer systems or digital products with USB interfaces. Or they may buy a card having the same transfer interface as that of the computer system as the intermediate media to access the data in the SD card. Both of the two approaches add the cost of the product and the complexity of operation, bringing inconvenience to the interoperability between SD cards and products with USB interfaces.

SUMMARY OF THE INVENTION

In consideration of above problems, the inventor invents a "Double Interface SD Flash Memory Card", which can eliminate the shortcomings in legacy SD cards.

The Double Interface SD Flash Memory Card eliminates the intermediate device or Adaptor, which decreases the cost of manufacturing and the complexity in application.

Another purpose of this invention is to provide a flash memory product that can access computers or products with USB interfaces through a cheap USB Adaptor with the detection, control, and switching actions of its microprocessor. The invention is similar to the Removable Hard Disk product in structure. However, besides supporting SD flash memory cards, this invention can also support USB interface. In other words, the microprocessor of this invention integrates the

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functionalities of the control chip on a legacy Adaptor to facilitate storage, transfer, and exchange of digital data between the invention and computer systems/IA products at lowest cost and through the simplest approach.

A further purpose of this invention is to significantly decrease the cost of the system (eliminating the additional Adaptor device) while enhance the convenience of application (installation, operation, etc.) of this product. With the dedicated SD interface and the new Adaptor integrated, the device can detect/identify the circuit of the system interface, and then switches the device to the right system interface. It not only support USB interface, but also support SD interface.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention can be more fully understood by reference to the following description and accompanying drawings, in which:

FIG. **1** is a block diagram of the control circuit of the double interface SD flash memory card according to the present invention;

FIG. **2** is a block diagram of the arbitration circuit for detection, control, and switching of the double interface SD flash memory card of the present invention;

FIG. **3** is a preferred flowchart of the detection, control, and switching procedure according to this invention; and

FIG. **4** is a circuit diagram of a USB adaptor in the double interface SD flash memory card of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to FIG. **1**, a block diagram of the control circuit of double interface SD flash memory card of this invention. The double interface SD flash memory card integrates a USB interface, which is popular in the market, to communicate with computers or other digital products with USB interface. As shown in FIG. **1**, the double interface SD flash memory card has a standard transfer interface (first interface, 9 I/O pins) and a corresponding circuit board (**12**), which has a microprocessor (**16**) and multi flash memory chips (**14**), circuit board (**12**) has at least a bus interface circuit (first interface circuit **20**), a cache (SDRAM **18**), and a power transfer circuit (**26**), as well as an access interface and a Flash (not shown). The USB adaptor (**30**) has at least a flash memory interface socket (not shown) and a transmission interface (second interface), which is a USB plug (**32**). Apparently, this flash memory interface serves as an interface of the double interface SD flash memory Card (**10**). And the double interface SD flash memory card (**10**) can be connected to computer systems or other digital products with USB interface through the second transmission interface (USB Plug **32**) of the USB adaptor. The unique feature of this invention lies in that:

an interface bus circuit (second bus interface circuit) (**22**) embedded in the microprocessor (**16**);

a interface detection and switching circuit (**24**) embedded in the microprocessor (**16**) to detect and switch to the first bus interface circuit (**20**) or the second bus interface circuit (**22**).

The microprocessor (**16**) can automatically detect, identify, and support signals from the SD interface or the USB plug (**32**). When a signal at the SD interface or the USB plug (**32**) occurs, the microprocessor (**16**) will switch the circuit and relevant elements in the circuit board (**12**) to support the data transmission form the SD interface or the USB plug (**32**) to the flash memory chips (**14**).

EXHBIIT A

US 7,809,866 B2

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The preceding first bus interface circuit **20** in the preferred embodiment is a SD bus interface circuit used for the SD flash memory card and the second bus interface circuit **22** is a USB bus interface circuit used for a system end. Both the bus interface circuits **20**, carry out data transmission with the USB adapter **30** or a system interface circuit **34** suitable for the SD flash memory card via being electrically connected to the interface detection and switching circuit **24**. The interface detection and switching circuit **24** is used for detecting if there is an initialized signal generated by a system interface circuit of the SD flash memory card and switching to the first (SD) bus interface circuit **20** or the second (USB) bus interface circuit **22** based on if the signal is detected.

It should be emphasized that the microprocessor (**16**) of double interface SD flash memory card (**10**) not only can identify and control the SD interface, but also support products with USB Interface under the help of the USB adaptor (**30**). Thus, the invention serves as a portable storage media supporting SD and USB interfaces.

Referring to FIG. **2**, the block diagram of the arbitration circuit of the invention to perform identification, control, and switching functions. There are two system interface circuits (**34**) in the double interface SD flash memory card (**10**), i.e., the card (**10**) integrates functions that must be implemented with a card reader and the control chip of an adaptor. The figure shows six different signal terminals (CLK, CMD, DAT**0**, DAT**1**, DAT**2**, DAT**3**). The DAT**1** and DAT**2** are used for connecting and switching to the D+ and D− signals of the USB system interface circuit (**34**), i.e. the two and DAT**2** are used as common terminals D+ and D− steals of the USB plug and the CLK is used as the signal for detection of the system interface circuit (**34**), i.e., it serves as the basis to select the First Bus interface circuit (**20**) or the Second Bus Interface Circuit/USB Bus Interface Circuit (**22**).

According to the specification for SD flash memory cards, when the card is powered on, if the system interface of the SD flash memory card (**34**) detects an initialization signal (74 pulses/s), the SD Bus Interface circuit (**20**) will trigger the CLK signal to indicate that the SD Bus Interface circuit (**20**) is currently selected. On the contrary, if no such an initialization is detected by the system interface (**34**), the signal detection circuit (**242**) will output a control signal to the signal switching circuit (**244**) to switch the DAT**1** and DAT**2** terminals to the USB Bus Interface Circuit (**22**). In this way, on the basis of the signal from the interface detection and switching circuit (**24**), the invention will determine which system interface circuit (**34**) should be switched to. In order to support different system interface circuits (**34**) at the same time, the microprocessor (**16**) of this invention integrates the processes to support both system interface circuits (**34**), and support both system interface circuits (**34**) to generate corresponding instructions and communication protocols.

Please see FIG. **3**, a flow chart of a preferred circuit detection and switching process of this invention. From the figure we can see that when the power supply module (**40**) provides power to the Double Interface SD Flash Memory Card (**10**), the microprocessor (**16**) will switch to the correct working mode and initialize the appropriate system interface circuit (**34**) in according to the interface circuit detected by the interface detection and switching circuit (**24**). Then, the microprocessor (**16**) will receive the instruction and perform necessary process and generates appropriate response in accordance with the specification for the system interface circuit (**34**) currently selected. For example, if the system interface circuit (**34**) detected by the interface detection and switching circuit (**24**) is the First Bus Mode (i.e., SD Bus Mode), the process will enters into the working cycle for SD

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interface, i.e., selects SD Bus (**42**), generates a SD instruction (**46**) after the Bus Idle (**44**) signal is detected, and performs necessary process and generates appropriate response (**48**), and finally returns to Bus Idle (**44**) mode. On the contrary, if the system interface circuit detected by the interface detection and switching circuit (**24**) is the Second Bus Mode (i.e., USB Bus Mode), the process will enters into the working cycle for USB interface, i.e., selects USB Bus (**50**), generates a USB instruction (**54**) after the Bus Idle (**52**) signal is detected, and performs necessary process and generates appropriate response (**56**), and finally returns to Bus Idle (**52**) mode.

When the system interface (**34**) is set, it can't be altered afterwards. If it has to be altered, it should be entirely removed, and then the power should be switched off. Finally, the other system interface circuit can be selected. Please see FIG. **4**, a wiring chart of the USB Adaptor in the Double Interface SD Flash Memory Card. This figure is a sketch map of the connection between the Double Interface SD Flash Memory Card and a cheap USB adaptor (**30**). In conclusion, the double interface SD flash memory Card of this invention has the following advantages:

1. This invention substitutes the relatively expensive auxiliary card reader or Adaptor device with a much cheaper adaptor, and implements the data transfer or exchange with various digital products. It decreases the cost of manufacturing and the complexity in application.

2. This invention can provide a flash memory product that can access computers or products with USB interfaces through a cheap USB adaptor with the detection, control, and switching functions of its microprocessor. Besides supporting SD flash memory cards, this invention can also support USB interface. In other words, the microprocessor of this invention integrates the functionalities of the control chip on a conventional adaptor to facilitate storage, transfer, and exchange of digital data between the invention and computer systems/IA products at lowest cost and through the simplest approach.

3. This invention can significantly decrease the cost of the system (eliminating the additional adaptor device) while enhances the convenience of application (installation, operation, etc.) of this product. With the dedicated SD interface and the new adaptor integrated, the device can detect/identify the circuit of the system interface, and then switches the device to the right system interface. It not only support USB interface, which is popular in computer systems and other digital products, but also serves as a portable flash memory card integrating SD and USB interfaces.

While the invention has been described with reference to the a preferred embodiment thereof, it is to be understood that modifications or variations may be easily made without departing from the spirit of this invention, which is defined by the appended claims.

The invention claimed is:

1. A double interface flash memory card, which has a first transmission interface and a circuit board with a microprocessor and a plurality of flash memory thereon, comprising:

a first bus interface circuit especially for a system interface circuit of the flash memory card being able to perform signal transmission;

a second bus interface circuit for the other information apparatuses, which are different from the flash memory card, being able to perform signal transmission; and

an interface detection and switching circuit, electrically connecting with the first transmission interface, the first bus interface circuit and the second bus interface circuit for detecting if there is an initializing signal generated

US 7,809,866 B2

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from the system interface circuit and switching to the first bus interface circuit or the second bus interface circuit according to the initializing signal being generated or not generated;

wherein, the microprocessor switches the status thereof to a working mode and a suitable system interface circuit mode is started according to what type of the system interface circuit being detected by the interface detection and switching circuit so that the microprocessor can detect, determine and support a connection action signal automatically; when either the first transmission interface or the second transmission interface offers the action signal at the transmission end thereof and, in the mean time, the microprocessor switches the circuit and the related electronic elements on the circuit board to support data transmission action of the first transmission interface or the second transmission interface in the flash memories.

2. The double interface flash memory card as defined in claim 1, further comprises a double interface SD flash memory card and, in other words, the first transmission interface is a standard transmission interface of the SD interface flash memory card.

3. The double interface flash memory card as defined in claim 1, wherein the microprocessor further has a built-in cache unit and a power transfer circuit and the cache unit is electrically connected to the first bus interface circuit, the second bus interface circuit, the microprocessor and the flash memories.

4. The double interface flash memory card as defined in claim 1, wherein the first bus interface circuit comprises a standard SD bus interface circuit.

5. The double interface flash memory card as defined in claim 1, wherein the second bus interface circuit comprises a USB bus interface circuit.

6. The double interface flash memory card as defined in claim 1 is connected to a adapter, which has an interface socket for being inserted with said first interface and a second transmission interface for being used with other information apparatuses.

7. The double interface flash memory card as defined in claim 6, wherein the second transmission interface comprises a USB plug.

8. A double interface SD flash memory card combination, comprising:

a double interface SD flash memory card; and
a USB adapter;

wherein the double interface SD flash memory card further comprises:

a first transmission interface; and
a circuit board, providing a microprocessor and a plurality of flash memories, the microprocessor having at least a built-in first bus interface circuit; and the USB adaptor having at least a SD interface socket for being inserted with the double interface SD flash memory card and has a second transmission interface for being used with other information apparatus;

wherein the first bus interface circuit is built in the double interface SD flash memory card especially for a system interface circuit of the flash memory card being able to perform signal transmission; a second bus interface circuit is built in the double interface SD flash memory card for the other information apparatuses, which are different from the flash memory card, being able to perform signal transmission; and an interface detection and switching circuit is built in the double interface SD flash memory card for detecting if there is an initializing

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signal generated from the system interface circuit and switching to the first bus interface circuit or the second bus interface circuit according to the initializing signal being generated or not;

whereby, the microprocessor can detect, determine and support a connection action signal automatically; when either the first transmission interface or the second transmission interface offers the action signal at the transmission end thereof and, in the mean time, the microprocessor switches the circuit and the related electronic elements on the circuit board to support data transmission action of the first transmission interface or the second transmission interface in the flash memories.

9. The double interface SD flash memory card combination as defined in claim 8, wherein the microprocessor further has a built-in cache unit and a power transfer circuit and the cache unit is electrically connected to the first bus interface circuit, the second bus interface circuit, the microprocessor and the flash memories.

10. The double interface SD flash memory card combination as defined in claim 8, wherein the first transmission interface comprises a standard transmission interface of the SD interface flash memory card.

11. The double interface SD flash memory card combination as defined in claim 8, wherein the second transmission interface comprises a USB plug.

12. The double interface SD flash memory card combination as defined in claim 8, wherein the first bus interface circuit comprises a standard SD bus interface circuit.

13. The double interface SD flash memory card combination as defined in claim 8, wherein the second bus interface circuit comprises a USB bus interface circuit.

14. A double interface flash memory card, which has a first transmission interface and a circuit board with microprocessor and a plurality of flash memories, at least comprises:

a first bus interface circuit especially for a system interface circuit of the flash memory card being able to perform signal transmission;

a second bus interface circuit for the other information apparatuses, which are different from the flash memory card, being able to perform signal transmission;

a plurality of common pins, being formed as common connecting ends for signal transmission between the double interface flash memory card and a system interface circuit and the information apparatuses; and

an interface detection and switching circuit, electrically connecting with the first transmission interface, the first bus interface circuit and the second bus interface circuit for detecting if there is an initializing signal generated from the system interface circuit and switching the common pins to the first bus interface circuit or the second bus interface circuit according to the initializing signal being generated or not generated;

wherein, the microprocessor switches the status thereof to a working mode and a suitable system interface circuit mode is started according to what type of the system interface circuit being detected by the interface detection and switching circuit.

15. The double interface flash memory card as defined in claim 14, further comprises a double interface SD flash memory card and the first transmission interface is a standard transmission interface of the SD interface flash memory card.

16. The double interface flash memory card as defined in claim 14, wherein the microprocessor further has a built-in cache unit and a power transfer circuit and the cache unit is

US 7,809,866 B2

7

electrically connected to the first bus interface circuit, the second bus interface circuit, the microprocessor and the flash memories.

17. The double interface flash memory card as defined in claim **14**, wherein the first bus interface circuit comprises a standard SD bus interface circuit.

18. The double interface flash memory card as defined in claim **14** is connected to a adapter, which has an interface socket for being inserted with said first interface and a second

8

transmission interface for being used with other information apparatuses.

19. The double interface flash memory card as defined in claim **14**, wherein the second transmission interface comprises a USB plug.

20. The double interface flash memory card as defined in claim **14**, wherein the second bus interface circuit comprises a USB bus interface circuit.

* * * * *

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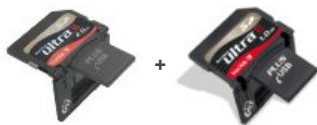
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Customer Rating	(135)	(141)	(6218)	(742)
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Memory Storage Capacity	2 GB	4 GB	2 GB	2 GB
Secure Digital Association Speed Class	class 4	class 4	class 2	class 2

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Product Details

Product Dimensions: 0.6 x 5 x 7 inches ; 1.1 ounces

Shipping Weight: 0.3 ounces (View shipping rates and policies)

Shipping: This item is also available for shipping to select countries outside the U.S.

ASIN: B000EWI8IK

Item model number: SDSDPH-002G-A11

Average Customer Review: (135 customer reviews)

Date first available at Amazon.com: April 2, 2004

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Product Description

Product Description

SanDisk Ultra II memory cards feature faster performance, greater storage capacities, and better dependability, so you can get the most from your investment in a feature-rich, high-quality digital camera or camcorder

From the Manufacturer

The SanDisk Ultra II is the high-performance digital memory solution for serious photographers. This family of outstanding flash cards provides the durability and high-speed quality needed for advanced amateur photographers and photo enthusiasts.

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5 star		83%
4 star		14%
3 star		1%
2 star		1%
1 star		0%
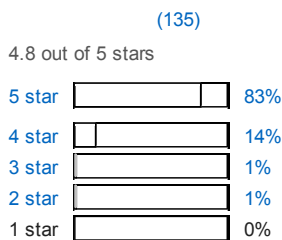
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⬛ Michael R. Robinso

With the neat little plastic carrying case included, you can put it on your keychain or, like me, hang it from your ID lanyard.

⬛ HaileSelassie

SD card folds in half and plugs directly into usb port on computer, no card reader necessary.

⬛ Frank Berta

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38 of 39 people found the following review helpful

Filmmaker here with TONS of media

By Miguel Ali on March 18, 2007

I'm a filmmaker, and I'm often transferring digital files (music, pics, mpeg footage) between Macs and PC's, in addition to sometimes watching things on my Treo

I purchased a SanDisk Plus USB card last summer and I'm in love with this sucker!

I have a Treo, Mac laptop, and digital camera --- the card can literally be swapped between all three devices, transfering files from one to the other

However, the USB slot is a very welcome feature! The card is a bit fragile, but as long as you're gentle, the card's USB slot fits excellently into all USB ports and gives very quick access and transfer speeds --- this has made file swapping between my Treo, Mac, and other PC's a complete breeze!!!

The best part is that the card plays nice between PC and Mac, and can still go in and out of Treos and Digital Cameras

And lastly, the card is very durable --- again, you have to be gentle when placing the USB stick into a slot, but the card folds up and is as solid as any regular SanDisk card --- although I don't use it, SanDisk also provides a very useful key chain, which is a tiny case that will keep your card protected, while dangling off of your keys (if you like)

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A relief to find 2GB card for Canon Powershot at this price!
What a relief to finally find a larger card that fits my Canon Powershot SD 400 (that didn't cost $25 or more).   Read more
Published 2 months ago by thoughtful reader

Five Stars
I loved it!
Published 4 months ago by Charles Fanelli

Avoid using camera cord!
Great handy media - I have only seen max of 4GB, wish they made 8 and 16. I think they may have discontinued them - too bad..   Read more
Published 5 months ago by M. Kraus

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I highly recommend it!

Peace and love to you all!

Comment   Was this review helpful to you?   [Yes] [No]

23 of 24 people found the following review helpful

Fast 2GB SD Card with Built-in USB Connectivity

By Keith E. Webb VINE VOICE on March 16, 2007

Wow! I needed an SD card for my new digital camera. Speed of the disk is an issue these days. When you take a photo the disk has to store it then get ready for the next photo. Regular SD cards take some time to do that. So, if you are shooting rapidly, or doing video, you can quickly hit the limits of your regular SD cards speed. The Ultra II is in the next speed class up. It's plenty fast for all but the most extreme user. It's not as fast as the Extreme III, but that costs half again as much.

So, I was already sure the Ultra II 2GB was what I needed for size and speed. Then I saw it... this version where the case of the SD card folds in half revealing a USB Hub Port. Which means you can plug your tiny 2GB SD card straight into your laptop or computer through the USB port. No need for a card reader.

This card works in Treos, digital cameras, and anything else that takes a type I SD card.

It's big (memory), fast (memory access), and innovative (USB build in). For me it was worth a few extra dollars more than the regular Ultra II.

Comment   Was this review helpful to you?   [Yes] [No]

18 of 21 people found the following review helpful

Excellent USB Key and SD Card

By Computer Geek on February 22, 2007

Verified Purchase

I previously owned the 1GB version of this card and was very pleased with that. This is a great improvement as it doubles the space! I've had no problems with it used as a USB key or SD card.

The ONLY issue I have had with these cards is they DO NOT work in the Nintendo Wii. They WILL get stuck inside the Wii slot and with-out carefull pliers work you won't get it out. The card electrically works in the Wii you just can't get it back out. Same with the 1GB version. This is more a design problem with the Wii (which I still love) than with the SanDisk card. So get the card, just don't stick it in your Wii.

2 Comments   Was this review helpful to you?   [Yes] [No]

5 of 5 people found the following review helpful

Simplistically Versatile... but a little flimsy

By John Iannarelli on July 27, 2007

I love this little thing! So much so that I bought 3 of them! One of the best ideas ever! It is super easy to switch between SD and USB with a simple folding operation.

There are 3 reasons why I don't give it 5 stars:
1) It has a flimsy feel to it... so you have to fold gently when switching between SD and USB modes.
2) When in USB mode, it is too easy to accidentally shove it in a USB port upside down.
3) Included key ring case opens too easily (card can drop out easily)

Even with the slight downfalls, it has been very reliable and extremely versatile, and I have been very happy with this device. I have not had any problems with it being recognized by any of my devices... and I often switch this card between my work laptop (Windows XP) and my home computer (Windows Vista) (each has an SD slot) and my friends' computers that usually only have USB. I also switch it between my Garmin Nuvi 660 GPS, Kodak v610 EasyShare camera, my Minolta Z-2 camera, my Sea-Life underwater camera, and my RCA Lyca MP3 player with ease.

NOTE: The 2 GB size holds plenty of pics, videos and/or MP3s and is the max size recognized by non-HDSD devices.

Comment   Was this review helpful to you?   [Yes] [No]

5 of 5 people found the following review helpful

Feels like it gets stuck coming out

By Derek P. on January 7, 2007

Five Stars

EXCELLENT....THIS CARD WORKED PERFECTLY WITH MY CANON.....PRICE APPROPRIATE ALSO.

Published 7 months ago by Mae

Five Stars

These are the best SD cards, but I wish they made them with larger capacity.

Published 7 months ago by Dunham

Five Stars

Great service. Great product!

Published 7 months ago by Alf

Great

I love these little guys, would definately reorder. Very convenient to use and carry around and use on a daily basis.

Published 14 months ago by SB

Clever, convenient design

The inconvenience of the (only) 2 GB of capacity of this flashcard is more than offset by the convenience that it folds for direct insertion into the USB slot on your laptop or... Read more

Published 15 months ago by Oakmil

recommended

Loved it for my camera. Works great with my computer, especially the one without and SD adapter. I recommend it. Works great.

Published 21 months ago by NewUser

Does the job, love the transformer aspect.

Nifty transformation from sd to usb makes this a total win of a purchase. SanDisk hasn't failed me since it's early days and will protect your data. Read more

Published 22 months ago by cel

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Verified Purchase

Convenient little SD cards. Never again having to worry about carrying a card reader or USB cable. I just had to pick-up one of these after purchasing the 512MB version for a friend to use with a Nikon S7C. No noticeable write speed slow down (compared to a Lexar 133x) when used with a Nikon D80. There is one little nagging bit that some may find too annoying to continue using. Despite the car being completely snapped into place, the edges of the fold must be getting caught somewhere inside the D80 SD slot. Rather than popping straight out, it gets caught and you have to wiggle it ever so softly in order to get it to come out smoothly.

Comment   Was this review helpful to you? | Yes | | No |

3 of 3 people found the following review helpful

Fast and useful without the need for a reader!

By D. Amini on April 7, 2007

Verified Purchase

I own a Canon S2IS and an S3IS. The burst modes and video capture in my cameras can quickly fill a card. At this price for 2GB, I could not resist. Though I own the 1GB Extreme III version of the Sandisk SD card, I have noticed no speed difference in the performance of the cameras. I also use the 1GB version of the Ultra II SD Plus USB and the USB plug comes in very handy when you are away from home and want to transfer photos to another computer. This SD card virtually eliminates the need for a card reader. I still use a card reader for routine data transfers because the flap is small and I have big fingers. I could see how some people might be worried about breaking the card or the flap cover but mine has been quite durable over the past year. I have to push it quite hard when inserting the card into my Mac's USB port but neither of my Ultra II cards have sufferred any cracks or damage. The Extreme III card does seem to upload to my Mac slightly faster than the Ultra II but the difference is marginal. This speed is only evident when I am uploading multiple large files with lots of Video! I compared the Extreme III and Ultra II in my Canon 20D and still no difference in speed. Other reviewers have noted that the card is wider and might get stuck in the camera. I have not had this problem and use this card in my four Canons. I also tried this out in a variety of other ultra compact and SLR digital cameras without any problems. Perhaps the flap was not closed all the way??? In any event, the convenience of the built in USB plug cannot be overstated and makes this card design a real winner!

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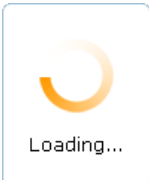
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SanDisk 4GB Ducati Edition SD Plus Card

by SanDisk

★★★★½ ▾   19 customer reviews

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SanDisk SDSDPH-004G-2... Plus Card
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Item model number: SDSDPX3-004G-AD1
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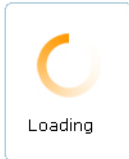$14.99
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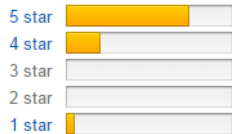
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Customer Reviews

★★★★½ (19)
4.6 out of 5 stars

5 star ▮
4 star ▮
3 star
2 star
1 star ▮

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The ducati disk is fast and holds a large number of pictures.
— Michael R. Hobbs

Great product for conveniently transferring photos to computer with USB port, no SD slot or adapter needed.
— sd card user

I really like the red color making the card easy to find in any place.
— thezapp

Most Helpful Customer Reviews

31 of 33 people found the following review helpful
★★★★☆ Ducati Edition commanding a high price
By R. Ocampo VINE VOICE on September 30, 2007

SanDisk has partnered with Ducati to create limited edition products for purposes of branding. Ducati has nothing to do with the technology of these memory flash cards, but simply to lend it's name so as to equate the fast motorcycle speed with the fast transfer speed.

FEATURES:

1. SD PLUS - This feature was first seen in SanDisk's SD Plus Ultra II line, which is actually a card with built-in USB connectors. You swing the opposite end of the card down to reveal the metal contacts and simply insert the SD card to the USB slot of your computer. Therefore you do not need any other card reader to take along with you.

2. 20 MB/second Transfer Rate - This is nothing new with existing SD cards. It has been in existence with SanDisk's Extreme III line as well as other competitor "professional line" SD cards. Because of the speed, you pay more.

3. DUCATI RED packaging - This is what gives the card a sense of it's limited edition. Previous SanDisk cards were in plane black packaging. This has the bright red packaging often seen in the Italian heritage of motorsports such as Ferrari and Ducati.

EXHIBIT C

4. SDHC - This makes the card basically incompatible with older SD formats used in earlier digital cameras because it now complies with SD 2.0 standard which uses a different memory addressing method. SDHC does not necessarily mean it's faster, but that it can accomodate "HIGH CAPACITY" memory. However, because of it's large sector addressing then the ability to read/write files become faster with large files.

5. RescuePRO Deluxe Recovery Software - Unlike other SanDisk cards, this card is supplied with the Deluxe version. Read more ›

Customer Images

See all customer images

Most Recent Customer Reviews

★★★★★ Cheap Ducati~!
Least expensive way to join the Ducati Family. So fast~!
Published 4 months ago by Maury Cohen

★★★★★ Works as described
This is a good product. I use to transfer data from my laptop to main computer, like a working drive (sorta). Not as quick as my class 10 but still acceptable for the cost. Read more
Published 13 months ago by jlloyd50

2 Comments | Was this review helpful to you?   Yes   No

4 of 4 people found the following review helpful

⭐⭐⭐⭐⭐ **Fast and easy**
By M. Heltsley on August 28, 2008
Verified Purchase

I have 5 SD cards from 1 GB to 8 GB. Most are the fastest available at the time, some are just for size. This one is, currently, the best of them all. In my Canon XSi it

SanDisk 4GB Ducati Edition SD Plus Card
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Essentially it lets my camera outperform the stated specs for the camera. Enough said. That is why I bought it, that is why I paid a premium, and that is why I am OK with the fact that I did pay more. I am getting more. You will too, in theory at least. All cards may be slightly different, you could get a lemon or you could get a gem.

I am happy with the purchase, happy with the product and happy with the seller, in my case Adorama via Amazon Marketplace.

I have taken in excess of 20,000 pictures on it already. I take alot of pictures. Most are deleted, many right in camera. The card has been formated probably a few hundred times by now, sometimes low level formating but usually just the fast version to clear the space. I have never to my knowledge had a problem with it (or the camera for that matter). I take it out and plug it into a USB card reader on my workstation at least 4 times a week to transfer files, sometimes more.

It takes its share of abuse and keeps on working. I have used the built in USB, handy in a pinch, but it is not my normal workflow. Mostly I want to impart on a potential purchaser that this is a solid product with proven results, proven by real sites not by me of course. This card is the no brainer buy for anyone who NEEDs a good, fast, reliable SD card.

End.

Comment | Was this review helpful to you?   Yes   No

1 of 1 people found the following review helpful

⭐⭐⭐⭐⭐ **No More Cords!**
By jennydamoocher on August 24, 2013
Verified Purchase

If you don't have one of these handy SD USB cards, you are missing out. I am a teacher and am taking pictures for various things throughout the day. With this SD card, I can take the pic with my digital camera, slide it into my laptop, and show the kids the picture right on the spot! I an also quickly print, email, or save. I've taken videos and the card seems to have lots of room with my pictures. It records great and is fast. I have two of these.

Comment | Was this review helpful to you?   Yes   No

⭐⭐⭐⭐☆ **4 Stars in todays world**
By thezapp on November 29, 2011

This was the fastest SD card when it was introduced. The inbuild USB connector is sweet, but on the other hand USB2 was always slower than the card could read/write. I really like the red color making the card easy to find in any place. In todays world this is still a fascinating SD card, but not on par with current day speed and price. Unless your camera requires this older version of SD card, get a newer one. If you just like the color, the name, the whatever, this is still a nice card.

Comment | Was this review helpful to you?   Yes   No

⭐⭐⭐⭐⭐ **Excellent...**
By cmc on August 14, 2013
Verified Purchase

I haven't been able to test these in very extreme conditions, yet, but they were a great purchase for the price. The flip-to-USB design is great for situations where you might not have a card reader available. The only complaint I would have would be that I wish they would have been available in 8 or 16 GB sizes. Still, the USB connection means that I can plug these into any laptop and actually view and transfer the images.

Comment | Was this review helpful to you?   Yes   No

⭐⭐⭐⭐⭐ **Great camera card**
By Bo Lorentzen on December 21, 2008

SanDisk 4GB Ducati Edition SD Plus Card
$19.99 & **FREE** Shipping on orders over $35. Details | In Stock. Sold by Dealz for Less and Fulfilled by Amazon. Gift-wrap available.

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look for a reader, just plug it into ANY USB port on mac or Windows, you can easily share images with friends or spread from any computer to the this is the true convenience of this card. its a must have.

Comment | Was this review helpful to you?   Yes   No

⭐⭐⭐⭐☆ **I like it.**
Bought one a while ago and I love the USB capabilities so I bought a second one as a back up on holidays.
Published 21 months ago by Jason Ng

⭐⭐⭐⭐⭐ **A must for Photographers!**
This little baby has made my life so much easier! I have not had to carry around cables or card readers anymore! Works perfectly! Love, love, love this product!

⭐⭐⭐⭐⭐ **This thing is awesome (if I didn't kept loosing them)**
This is the best of both worlds, an SD unit you can leave in your machine and a USB drive when you need to transfer files around.   Read more
Published on March 5, 2013 by E. Saggese

⭐⭐⭐⭐⭐ **Very convenient!**
Love this SD card. It can be downloaded directly from my camera to my computer without the need of a card reader. The USB drive is built in and coverts easily.   Read more
Published on December 27, 2012 by ezbreezy

⭐⭐⭐⭐⭐ **How are these not standard?!?**
I own two of these style SD cards.
As you can see they double as a flash drive, making card readers and camera cables obsolete.   Read more
Published on November 14, 2012 by A. Mudar

⭐⭐⭐⭐⭐ **USB- SD Plus Convenience**
Great product, Great design. Makes offloading you pictures to your MAC or PC simple. No adapters needed.
Unique Color for Ducati Edition makes this SD card a collectors item.
Published on February 14, 2012 by A. Torres

⭐⭐⭐⭐⭐ **EXCELLENT!**
Fast, small, convenient, easy to see (not lose).
I got this for college so that I could write papers on my own laptop, then use the library computer to print it out for class.   Read more
Published on December 19, 2011 by PhunkyDork

⭐⭐⭐⭐⭐ **SanDisk 4GB Ducati SD Card**
Screaming fast card, and the USB feature makes it a snap to download photos to any computer. I love it.
Published on March 28, 2011 by miaoreo

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$34.99

SanDisk Ultra II SD Plus 2GB Card
★★★★★ (135)
$11.99

SanDisk OEM Super-Speed Ultra II Plus Memory Card with Built In USB Flash Drive - 1 GB - For Camera, ...
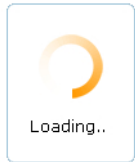★★★★★ (18)
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SanDisk SDSDPH-004G-A11 4GB/15MB Ultra II SD Plus Card
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SanDisk SDSDPH-004G-A11 4GB/15MB Ultra II SD Plus Card
by SanDisk

62 customer reviews

| 3 answered questions

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- Easy data(image) transfer from camera to computer, with no cables or card readers

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2GB Card

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Ducati Edition Plus
Memory Card with Built In
USB Flash Drive - 4…

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Class 6 Memory Card
Speed Up To 30MB/s,
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Technical Details

High speed card with supported read/write speeds of 10 MB per second

High performance card for reduced wait times when transferring data from camera to PC

4 GB, high capacity card allows for the capturing of more photos and longer videos

2-in-1 convenience of a SD/SDHC memory card and a USB flash drive

Easy data or image transfer from camera to computer with no cables or card readers required.

Product Details

Product Dimensions: 0.6 x 5 x 7 inches ; 1.6 ounces

Shipping Weight: 3.2 ounces (View shipping rates and policies)

Shipping: This item is also available for shipping to select countries outside the U.S.

ASIN: B000UZJ0O2

Item model number: SDSDPH-004G-A11

Average Customer Review: (62 customer reviews)

Product Warranty: For warranty information about this product, please click here

Date first available at Amazon.com: August 10, 2007

Would you like to **update product info**, **give feedback on images**, or **tell us about a lower price**?

Product Description

The SanDisk - SDSDPH-004G-A11 4GB UltraII SD Plus Card features: SanDisk Ultra II memory cards feature faster performance, greater storage capacities, and better dependability, so you can get the most from your investment in a feature-rich, high-quality digital camera or camcorder.

What Other Items Do Customers Buy After Viewing This Item?

SanDisk Ultra II SD Plus 2GB Card
(135)
$11.99

2 Pack SanDisk OEM Super-Speed Ultra II Plus Memory Card with Built In USB Flash Drive - 4 GB - For …
(5)
$34.99

SanDisk 4GB Ducati Edition SD Plus Card
(19)
$19.99

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(15)
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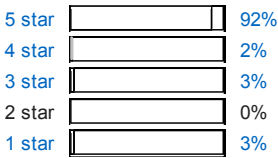**$19.00**
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Customer Questions & Answers

See questions and answers

Customer Reviews

(62)

4.8 out of 5 stars

5 star		92%
4 star		2%
3 star		3%
2 star		0%
1 star		3%

See all 62 customer reviews

An SD card that can plug right into a USB port!

Patrick A.

I'v had the 1Gb version for almost 5 years and it's worked flawlessly over the years so I expect the same from this one.

Richard Ashenfelter

It is too easy to accidentally lock the card when you are inserting it in the camera.

Robert E. Konkel

Get your pics onto your smartphone and tablet

Eyefi Mobi Wi-Fi SD Card w 90-day free Eyefi Cloud
(756)
~~$84.99~~ **$59.99**

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Most Helpful Customer Reviews

11 of 12 people found the following review helpful
Best thing since sliced bread
By K M. NYSTEDT on January 23, 2008
Not sure who introduced this idea of the USB functionality in an SD card but they should get a Nobel prize in something. I've used this card with different cameras, most recently with Canon G9 and it's such a joy not having to have a card reader or cable around. It works great.

2 Comments   Was this review helpful to you?   [Yes] [No]

5 of 5 people found the following review helpful
awesome!

Customer Images

Most Recent Customer Reviews

Very useful and quality item.
I have bought numerous of these for myself. I'm a professional photographer and this is a very easy way to quickly transfer image files to my computers.
Read more

EXHIBIT D

By M. Kessler on May 17, 2008

Verified Purchase

It is very convenient not to have to deal with any cords; just pull the thing out and put it in your usb slot.

Comment   Was this review helpful to you?   [Yes]   [No]

4 of 4 people found the following review helpful

Faster than advertised

By J. Myers on May 21, 2008

Verified Purchase

I bought this card because older SD card readers cannot read the newer SDHC cards and I wanted the convenience of not needing a card reader. I assumed I would have to settle with the performance of the slower class 4 instead of the faster class 6 available with other SDHC cards.

What I realized when I tested it was it is actually faster than my class 6 sdhc card, as tested on a usb 2.0 card reader. I got writes in the 10-11MB/s range and reads around 20MB/s.

This card is a total no-brainer, excellent.

Comment   Was this review helpful to you?   [Yes]   [No]

3 of 3 people found the following review helpful

Come on SanDisk make some bigger ones!!

By Chuck D. on April 2, 2012

Great card you can't beat the flexablity. I've had three in various sizes that have all worked flawlessly in many computers, servers and laptops (I'm an IT Manager). My one grip is that SanDisk does not make anything larger than a 4GB card in this configuration. I feel they do not support this product enough and are missing out on the full potential for sales of this type of card. No one seems to know about them and SanDisk's own website does not strongly support these cards.

Comment   Was this review helpful to you?   [Yes]   [No]

2 of 2 people found the following review helpful

A Perfect Product!! The smartest thing to come out for Digital Camera's.

By J. Seria on February 25, 2008

Verified Purchase

A Perfect Product!! The smartest thing to come out for Digital Camera's. I love this product. The ability to act as a memory card for your camera and a jump drive is great!! This makes sharing and transferring pics so easy because you don't need a card reader. And forget about needing a jump drive, this is smaller and a lot more versatile.

Comment   Was this review helpful to you?   [Yes]   [No]

1 of 1 people found the following review helpful

Handy!

By Amir Fazadh on May 13, 2010

Verified Purchase

I have had one of these for a couple years, and it is awesome. I originally had a 2GB version, with a keychain caddy, and it has often saved my butt. I work in IT, and this little device takes up virtually no room. On my 4GB litttle monster, I have enough room to transfer files, carry a rescue image, or to put a couple decent-sized movies on it for the kids' enjoyment on those occasional long car rides. The fact that it is also USB is great, since every PC has a USB port. It is a real icebreaker when I whip it out of its case, and hand it to someone to grab their precious My Documents folder-"But I don't have a card reader!" they say…"Sure you do" I tell them, then fold it in half for them and stick it in their USB port. The only drawback is that it is so tiny, you have to pay attention not to accidently leave it behind in the machine! Good speed, capacious, and versatile, this is the ultimate IT commando toolkit to have with you- since I ALWAYS have my keys on me, I don't ever have to remember to bring a flash drive with me when I head down the hall on a rescue mission. I have four of them, in various sizes, always at the ready. One does duty in a camera, where it is nice not to have to bring a card reader or cable to download your pics to your laptop, just pop it in and transfer the pics! I got my original 2GB model at Circuit City (remember them?), and have wanted another, but bigger, ever since. I got two 4GBs, two 2GBs, and even a 1GB after searching for them at Amazon. Get one before they're all gone- I don't know if they make these any more, I never see them in stores. Only gripe? The folding mechanism will eventually wear out (my original 2GB can fall open almost by itself- gives you an idea of how often I use it, had it over two years before finding replacements online!), and that they don;t have the keychain caddies any more…

Comment   Was this review helpful to you?   [Yes]   [No]

Published 5 months ago by R. Wilson

One of my all-time favorite purchases!

I can't believe people are still clueless about this product. When they very fist came out with this product as a 1gb, I had it and then I was thrilled to see it as a 4gb, now I... Read more

Published 6 months ago by Alisha Geiger

Can't find this everywhere

No matter where I go, no stores carry this wonderful disk. It is the most amazing card because you can take it everywhere and download pictures to any computer that has a USB. Read more

Published 12 months ago by Joyce A. Faltus

One of the best purchases I have ever made

Simply keep this in the SD card slot of any laptop or notebook, and you have an instant USB drive that doesn't take up any of your USB ports. Read more

Published 13 months ago by Nathan

Good Buy...

I like these because you can plug them into any laptop, with or without a card reader, and view and transfer your pics. Read more

Published 19 months ago by cmc

Fabulous SD Plus Card

This product makes it so easy to take a picture, remove the card from the camera, fold it in half, insert it into the computer to send the picture to anyone right away. Read more

Published 23 months ago by Jean E. Gallant

SanDisk 4GB Ultra II SD Card is the bomb!

It makes transferring pictures to a USB drive so easy due to its ability to fold to the size of a USB port. I highly recommend its use!

Published on December 7, 2012 by Herbert Tillman

convenient wallet solution

I've had this SD card for years & years, and it still works great. The flat usb makes it very convenient to keep in the back of my wallet (so I always have it with me) and its... Read more

Published on November 16, 2012 by Beth & Anthony

How are these not standard?!?

I own two of these style SD cards. As you can see they double as a flash drive, making card readers and camera cables obsolete. Read more

Published on November 14, 2012 by A. Mudar

"Thumbs Down" to Vendor and Item

The SD card arrived in an envelope with no protection! No plastic case (like most cards are sold in), no paper or plastic wrap, NO NOTHING! I thought that was very odd. Read more

Published on October 13, 2012 by Donna S

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EXHIBIT D

2 of 2 people found the following review helpful

Great idea that actually works

By S. Wilensky on January 9, 2008

Verified Purchase

This mem card is a truly ingenious idea. It works well and exactly as described. I think it is brilliant,
just plugs right into your card reader.

Comment   Was this review helpful to you? | Yes | | No |

---

1 of 1 people found the following review helpful

HAPPY

By Elizabeth Powell on May 6, 2008

So, I got this on the suggestion of a co-worker at Apple. I shoot photos and like to be able to
download RAW images on the fly. This is a great little bit of technology. I can shoot and
immediately upload to my computer, delete and then start over with an empty card without the
added hassle of a card reader. The best part of this is I can use it to port files even while using it as
the primary means of collecting images. Hands down the best porting solution I have seen to date. I
love the flexibility of this product!

Comment   Was this review helpful to you? | Yes | | No |

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smartphone and tablet

Eyefi Mobi Wi-Fi SD Card w 90-day free Eyefi
Cloud
                (756)
~~$84.99~~ $59.99

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