

MICRO SD CARD ADAPTER DEVICE

ABSTRACT

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A card adapter device includes a card slot for receiving a micro SD card therein; a SD interface for coupling electrically to a portable electronic device; a processing chip including a dynamic switch coupled electrically to the card slot and the SD interface, and a processor unit coupled electrically to the dynamic switch; and a wireless transmission/reception interface coupled electrically to the dynamic switch. Upon receiving a first signal from the wireless transmission/reception interface, the dynamic switch detects an operation mode of the SD interface and upon detecting that the SD interface is in an idle mode, the processor unit converts the dynamic switch to be coupled electrically to the wireless transmission/reception interface, thereby enabling the dynamic switch to transfer the first signal to the card slot, which, in turn, enables the wireless transmission/reception interface to access into the SD card.

[Fig 1]