

MEMORY CARD

ABSTRACT

The present invention provides a memory card for use with an electronic device. The memory card comprises an input/output (I/O) interface for coupling the memory card to the electronic device and a card controller electrically coupled to the I/O interface. In particular, the card controller comprises a plurality of engines configured to operate in different formats. The card controller further comprises a means for detecting the format of the electronic device and generating a response signal containing the format of the electronic device. A micro-controller is electrically coupled to the plurality of engines, wherein the micro-controller activates an appropriate engine from the plurality of engines to transfer data based on the response signal. Furthermore, the memory comprises a memory module electrically coupled to the plurality of engines for storing data. One advantage of the memory card is that it enables a user to store and transfer data in various formats.

FIG 2 accompanies the abstract.