METHOD AND APPARATUS FOR PROVIDING DOWN-LOADED INSTRUCTIONS FOR EXECUTION BY A PERIPHERAL CONTROLLER

Abstract of the Invention

A method and apparatus for downloading instructions and other information to a peripheral controller (103) for use in an Industry Standard Architecture (ISA) compatible computer (102) provides a system which downloads instructions from the ISA compatible computer (102) to an random access memory (RAM) (109) accessible by the peripheral controller (103). The peripheral controller (103) then executes these instructions to emulate the functions of conventional INTEL 8042 and 8742 series integrated circuits. The peripheral controller (103) also provides other features not provided by the conventional 8042 or 8742 by executing other downloaded instructions located in the RAM.

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Figure 1