**ABSTRACT OF THE DISCLOSURE**

**Microcontroller integrated circuit with read only memory containing a generic program such as a test program, test station and method of manufacture.**

The invention concerns a microcontroller integrated circuit (11) comprising a processor core (13) which exchanges data with at least one data processing and/or storage device (16-110).

In accordance with the invention, said integrated circuit (11) comprises a read only memory (14) containing a generic program such as a test program (21) which can be executed by said microcontroller (11), said generic program (21) including a basic function (29) for writing data into said data processing and/or storage device or devices (16-110) and said write function being used to load a downloading program.

Fig. 1

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