

Title (en)

METHOD FOR INITIALISING PROGRAMMABLE SYSTEMS

Title (de)

VERFAHREN ZUR INITIALISIERUNG VON PROGRAMMIERBAREN SYSTEMEN

Title (fr)

PROCEDE POUR INITIALISER DES SYSTEMES PROGRAMMABLES

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Application

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Abstract (en)

[origin: WO2004023299A2] The invention relates to a method for initialising programmable systems, whereby the information necessary for initialising registers and internal and/or external components is held in an external memory and read out. The aim of the invention is a method whereby all registers and components may be initialised, a flexible initialisation of the external electronics is possible, the ASIC development is simplified and various types of EEPROM are supported. Said aim is achieved, whereby, after switching on, or after another event causing a new start, a transfer of initialisation information is carried out from an external or internal non-volatile memory to an internal memory, controlled by a programme from an instruction memory, the initialisation information comprises initialisation data and/or at least one initialisation programme, the initialisation of the register and components occurs under the control of one or more processor elements or the intelligent components arranged in the system, which, for their part, are controlled by the initialisation programme.

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