ABSTRACT

The present disclosure discloses a power management circuit, a chip and an upgrade method therefor, and a server. In the circuit, one terminal of a micro controller unit is connected to a control board and a processor of the chip, and the other terminal of the micro controller unit is connected to a power management integrated circuit unit, a voltage conversion unit, and a voltage regulator unit. The micro controller unit receives operation instructions sent by the control board and the processor, stores the operation instructions, reads a power-on/off operation instruction in the operation instructions that is sent by the control board, and sends the power-on/off operation instruction to the power management integrated circuit unit to enable the power management integrated circuit unit performs corresponding control on the voltage conversion unit and the voltage regulator unit to complete a power-on/off operation on the processor. In the present disclosure, power control and storage and collection of related data are performed by using the micro controller unit, so that stable and reliable power management can be implemented without adding additional components. Therefore, costs can be reduced, for example, research and development and tape-out costs of the power management circuit are eliminated, and on-board space is saved.

Fig. 1