

Multi-source integrated micro power supply



Overview

Power Management ICs provide a complete power supply solution for embedded processors. Our PMICs offer multiple voltage regulators and control circuits in a single chip. They reduce component count and board space while easily and cost effectively managing system. Power supply ICs (integrated circuits) regulate and convert electrical power across a broad range of end markets, including automotive, industrial, IoT, consumer, and medical applications. For general DC/DC conversion, our modules with μ SIP or MagPack™ packaging combine essential components into remarkably small footprints that simplify design while. Our functional safety, general-purpose and double-data-rate (DDR) PMICs help meet the power requirements of a variety of TI and non-TI embedded processors, microcontrollers, application-specific ICs and field-programmable gate arrays (FPGAs). A PMIC reduces the number of components that would otherwise be necessary for the functions it provides, thus.



Article Content

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Power management integrated circuit

Many electronic circuits require multiple power supply voltages (e.g., 5 V, 3.3 V, 1.8 V). PMICs are used to control the delivery of

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Intelligent Power Supply Design Solutions Brochure

Traditional power supply designs use analog ICs with fixed functionality to provide regulated power. The intelligent power supply

CN113037138A

The invention relates to the field of micro power supplies, self-powered sensor nodes and wireless sensor networks, in particular to a

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Power Management Integrated Circuits (PMICs)

Power Management ICs provide a complete power supply solution for embedded processors. Our PMICs offer multiple voltage

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Power supply ICs

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