

Flexible Intelligent Integrated Power Supply



Overview

Traditional power supply designs use analog ICs with fixed functionality to provide regulated power. The intelligent power supply integrates a. Microchip offers a comprehensive set of Intelligent Power Supply solutions enabling designers to meet these challenges. In view of the rising amount of electric vehicles, especially in public transport, it is essential to plan efficient charging infrastructure and to manage fleets. The ICT Modular Power Series system provides flexible, managed DC power for a broad range of communications and broadband applications. A number of optional factory-installed modules can be selected to provide TCP/IP. Digital power technology combines ADI's renowned power solutions with programmability and telemetry to address critical issues in edge intelligence, predictive maintenance, renewable energy, higher power density with better thermals, low latency for response time, and higher safety. The new solutions will be on display at Open Compute Summit (OCP).



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Vacancies

Assistant Professor in Low-Power Secure Computer Architectures for Edge Devices
Personal type: Scientific staff Field of expertise: Assistant Professor Organisation:
Department of Electrical

Intelligent Power Supply Design Solutions

What is an Intelligent Power Supply? Traditional power supply designs use analog ICs with fixed functionality to provide regulated power. The intelligent power supply integrates a microcontroller

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Its advantages are high reliability, easy management, easy maintenance, easy operation, fast installation and implementation. It is a truly safe, stable, intelligent and efficient power supply system,

Intelligent Power Supply Design Solutions Brochure

Traditional power supply designs use analog ICs with fixed functionality to provide regulated power. The intelligent power supply integrates a microcontroller (MCU) or Digital Signal Controller (DSC) for a

Intelligent Energy Supply

Development of a tools for site-specific energy supply planning for electrified heavy goods transport. The project focuses on determining load flows, required

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