

UC3907 LOAD SHARE IC SIMPLIFIES PARALLEL POWER SUPPLY DESIGN



uc3907 load share ic pdf

USING THE UC3907 - LOAD SHARE REGULATOR IC Fig. 4 - The highest current method compares the individual load currents to that of the highest. This method has several advantages over the average current method of load sharing. The UC3907 has implemented and improved version of this technique. A review of the current sharing technique used on the

UC3907 Load Share IC Simplifies Parallel Power Supply Design

UC1907, UC2907, UC3907 LOAD SHARE CONTROLLERS SLUS165C – MARCH 1999 - REVISED JANUARY 2002 www.ti.com FEATURES D Fully Differential High Impedance Voltage Sensing D Accurate Current Amplifier for Precise Current Sharing datasheet search, datasheets, Datasheet search site for Electronic Components and Semiconductors, integrated circuits, diodes and other semiconductors.

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UC1907, UC2907, UC3907 LOAD SHARE CONTROLLERS SLUS165C – MARCH 1999 - REVISED JANUARY 2002 www.ti.com electrical characteristics, these specifications apply for TA = -55°C to 125°C for UC1907, -40°C to 85°C for UC2907, and 0°C to 70°C for UC3907, VIN = 15 V, TA = TJ (unless otherwise stated) PARAMETER TEST CONDITIONS datasheet search, datasheets, Datasheet search site for Electronic ...

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UC3907 Load Share Controller DESCRIPTION The UC3907 family of Load Share Controller ICs provides all the necessary features to allow multiple independent power modules to be paralleled such that each module supplies only its proportionate share to total load current.

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Load Share Control Technique and Controller IC Design

ADVANCED 8-PIN LOAD-SHARE CONTROLLER www.ti.com 1 FEATURES D High Accuracy, Better Than 1% Current Share ... master/slave architecture of the UC3902 and UC3907 load share controllers. It provides better than 1% ... load share bus and scalable load share voltage for any level of output currents.

ADVANCED 8-PIN LOAD-SHARE CONTROLLER

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Design of High Performance Load Share Controller IC

The UCx907 family of load share controller ICs provides all the necessary features to allow ... The UC3907 controller will reside on the output side of each power module and its overall function is to supply a voltage feedback loop. The specific architecture of the power stage is unimportant. Either switching or linear designs

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VLS Load share bus voltage 0 VDD – 1.7 V I ADJ Adjust pin sink current 4.55 mA (1) For more information about traditional and new thermal metrics, see the Semiconductor and IC Package Thermal Metrics application

UCC2900x, UCC39002 Advanced 8-Pin Load-Share Controller

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