

The function of uninterruptible power supply lm393

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What is the function of an Uninterruptible Power Supply? An Uninterruptible Power Supply is an electrical device that stores and redistributes energy: it provides battery backup when the mains ...

What is the LM393 IC? The LM393 is a dual independent accuracy voltage integrated circuit operated with single or else split supply. These ICs comprises two independent voltage comparators to ...

The LM393 IC features two power inputs, namely Vcc and GND. Vcc serves as the positive voltage supply, which can range up to 36V, while GND is the ground connection. These two ...

One good feature is its wide supply voltage range that makes it possible to use this IC in wide variety of applications. The IC also requires low operating current due to which it is ideal to use ...

LM393 is a dual voltage comparator integrated circuit. The output load resistance can be connected to any power supply voltage within the allowable power supply voltage range and is not ...

Yes, the LM393 is designed for single-supply operation. Its input common-mode voltage range extends down to GND, making it suitable for single-supply applications.

Transistors Q1 and Q2 (green) serve as the input stage for the non-inverted input. The input stage for the inverted input consists of transistors Q3 and Q4 (yellow). Transistors Q5 and Q6 (gray) function ...

It consists of two inbuilt operational amplifiers (op-amp) and both op-amps used a single power. The power source connected with the Vcc and GND pins of the LM393 IC to activate the IC. ...

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