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摘要：针对当今科学仪器一再要求提高精度和响应速度，本文介绍稳压电源调制芯片UC3846的功能、特点及工作原理，并设计反激式开关稳压电源电路，同时分析其电路的工作原理。为科学仪器重要部件—稳压电源，提供一种PWM调制芯片的较大的选择空间。

关键词：稳压电源, 芯片, UC3846, 开关稳压电路, 响应速度

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[Application of UC3846 which is chip of PWM](#)

Abstract: To advance the accuracy and response speed of scientific instruments nowadays, the function, characteristics, and operation principle of UC3846 are introduced in this paper. Designs a flyback switch voltage-stabilized source circuit using the UC3846, analyses the working principles of this circuit. It is one of PWM chips for components of scientific instruments.

Key words: UC3846, Flyback switch voltage-stabilized circuit, Accuracy, Response speed

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