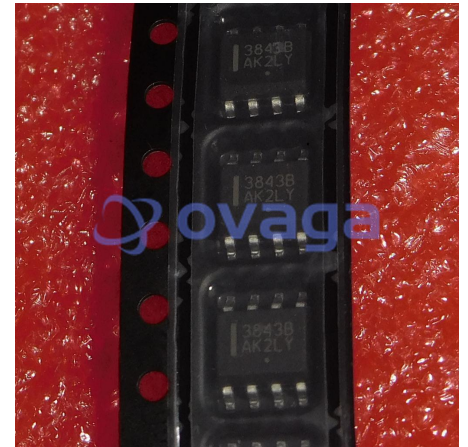


1A, 52kHz 250kHz Max Current Mode PWM Control Circuit with 8.4V UVLO Threshold and 96% Max Duty Cycle

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	SOP-14
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for UC3843BD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

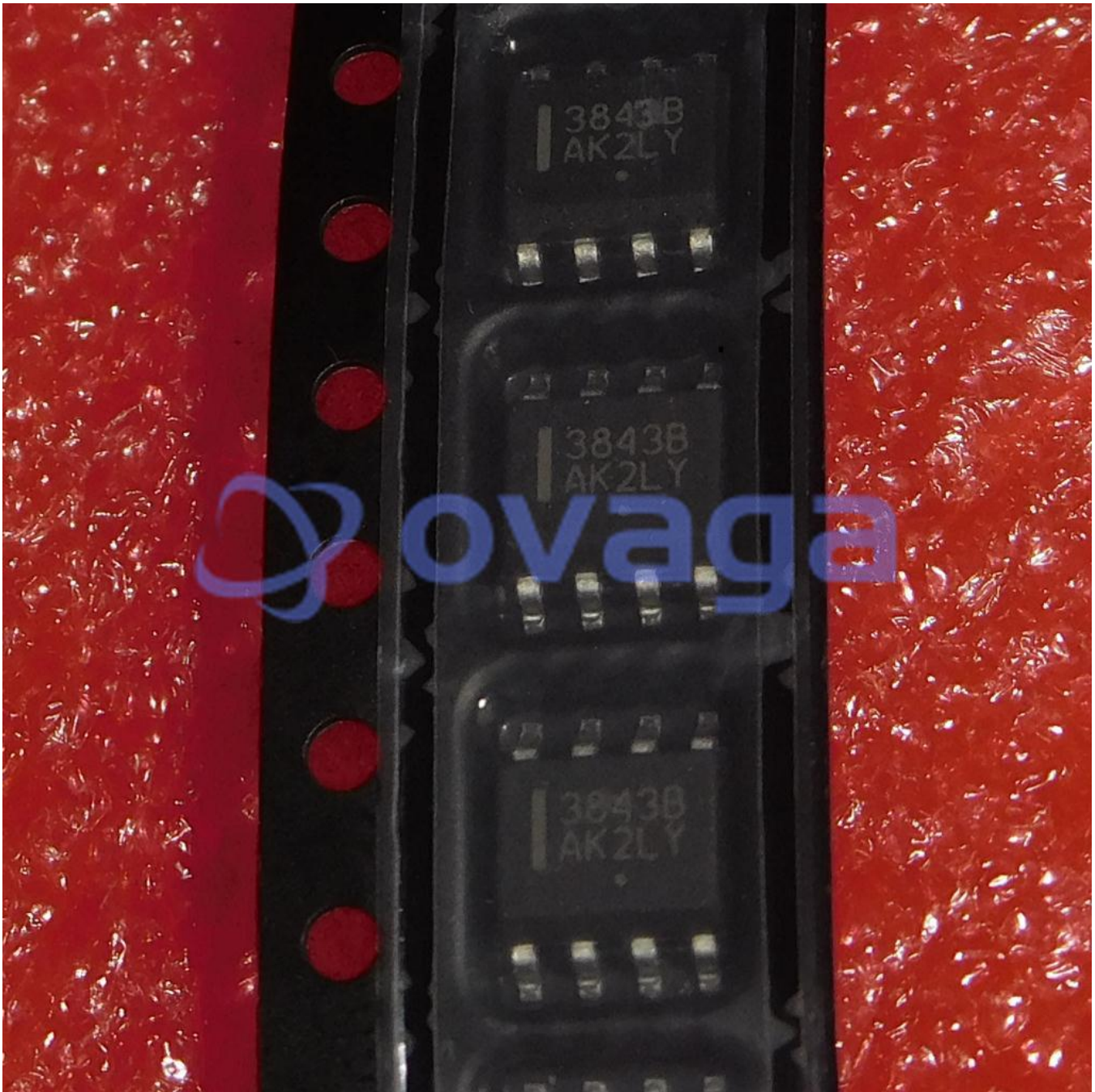
UC3843BD is a pulse width modulation (PWM) controller IC, commonly used in switching power supply designs to regulate the output voltage.

## Features

- Operating voltage range: 8V to 30V
- Low start-up current: 0.2mA
- Adjustable frequency range: 50kHz to 500kHz
- High output current: up to 1A
- Error amplifier with a 1.5V reference voltage
- Soft-start function to prevent high inrush current

## Application

- Switch-mode power supplies
- DC-DC converters
- Battery chargers
- LED drivers
- Inverters
- Motor control circuits



**Related Products**



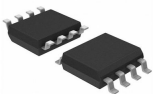
[UC2845BD1013TR](#)

STMicroelectronics, Inc  
SO-8



[UC2845BD1](#)

STMicroelectronics, Inc  
SOIC-8



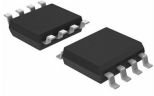
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STMicroelectronics, Inc  
SO-8



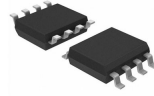
[UC3842BD1](#)

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SOP8



[UC3843BD1013TR](#)

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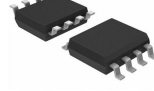
[UC3843BD1](#)

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PDIP-8



[UC2843BD1013TR](#)

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