

## High Performance Current Mode PWM Controller

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	SOP-8DIP8
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for UC3843B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

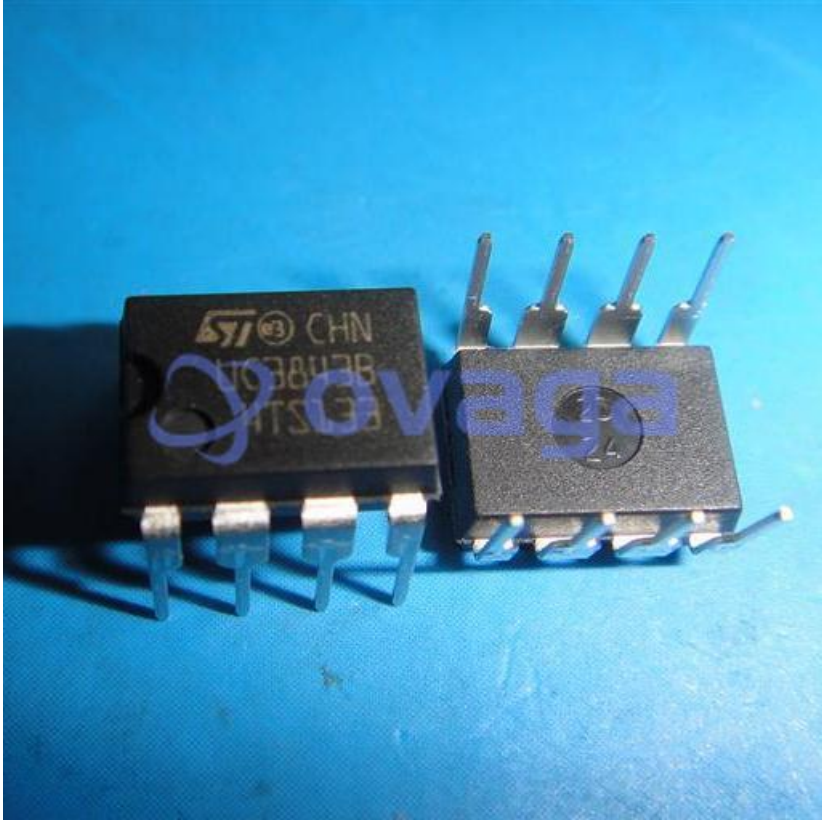
UC3843B is a pulse width modulation (PWM) controller IC (integrated circuit) manufactured by Texas Instruments.

### Features

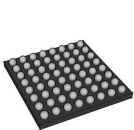
- Wide input voltage range (8V to 30V)
- Adjustable switching frequency up to 500kHz
- Current mode control for improved line and load regulation
- Soft-start capability to reduce inrush current
- Overvoltage and undervoltage lockout protection
- Output overcurrent limiting
- Low startup and operating currents for improved efficiency

### Application

- AC-DC power supplies
- DC-DC converters
- LED drivers
- Battery chargers
- Audio amplifiers



**Related Products**



[STI7110FTAUC](#)  
STMicroelectronics, Inc  
BGA-572



[UC2842B](#)  
STMicroelectronics, Inc  
SOP8



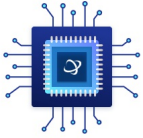
[UC3845B](#)

STMicroelectronics, Inc  
SOP-8



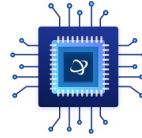
[ST15100RUC](#)

STMicroelectronics, Inc  
BGA



[STM8AF62A6UC](#)

STMicroelectronics, Inc



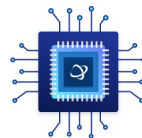
[NUCLEO-G474RE](#)

STMicroelectronics, Inc



[UC3844B](#)

STMicroelectronics, Inc  
SOP



[STM8AF6246UC](#)

STMicroelectronics, Inc