

Image may be representation.
See specifications for product details.



UC2843BN

Manufacturer Part Number	UC2843BN
Manufacturer	STMicroelectronics
Allelco Part Number	32D-UC2843BN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG CTRLR BST/FLYBK 8-MINIDIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	UC2842B-45B, UC3842B-45B.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

UC2843BN - STMicroelectronics.New Original in Stock. Download Linear Technology UC2843BN datasheet/specifications on AllelcoElec.com.
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Specifications

UC2843BN Tech Specifications

UC2843BN - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	Positive, Isolation Capable
Voltage - Supply (Vcc/Vdd)	7.6V ~ 30V	Operating Temperature	-25°C ~ 85°C (TA)
Topology	Boost, Flyback	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Through Hole
Supplier Device Package	8-Mini DIP	Function	Step-Up, Step-Up/Step-Down
Series	-	Frequency - Switching	Up to 500kHz
Serial Interfaces	-	Duty Cycle (Max)	96%
Package / Case	8-DIP (0.300", 7.62mm)	Control Features	Frequency Control
Package	Tube	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	UC2843
Output Phases	1		

Parts with Similar Specifications

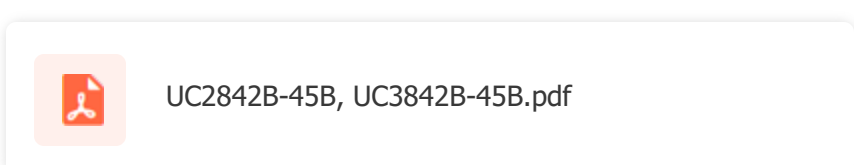
The three parts on the right have similar specifications to STMicroelectronics UC2843BN

Product Attribute				
Part Number	UC2843BN	UC2843N	UC2843BN	UC2843BDR2G
Manufacturer	STMicroelectronics	Texas Instruments	onsemi	onsemi
Output Configuration	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Serial Interfaces	-	-	-	-
Duty Cycle (Max)	96%	97%	96%	96%
Supplier Device Package	8-Mini DIP	8-PDIP	8-PDIP	14-SOIC
Clock Sync	No	No	No	No
Package / Case	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	14-SOIC (0.154", 3.90mm Width)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Number of Outputs	1	1	1	1
Control Features	Frequency Control	Frequency Control	Frequency Control	Frequency Control
Operating Temperature	-25°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-25°C ~ 85°C (TA)	-25°C ~ 85°C (TA)
Topology	Boost, Flyback	Boost, Buck, Buck-Boost, Flyback, Forward	Boost, Flyback	Boost, Flyback
Output Phases	1	1	1	1
Function	Step-Up, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down
Synchronous Rectifier	No	No	No	No
Voltage - Supply (Vcc/Vdd)	7.6V ~ 30V	12V ~ 28V	7.6V ~ 30V	7.6V ~ 30V
Frequency - Switching	Up to 500kHz	Up to 500kHz	Up to 500kHz	Up to 500kHz
Base Product Number	UC2843	UC2843	UC2843	UC2843
Series	-	-	-	-
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver

UC2843BN Datasheet PDF

Download UC2843BN pdf datasheets and STMicroelectronics documentation for UC2843BN - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



UC2843N

Texas Instruments
IC REG CTRLR MULT TOPOLOGY
8DIP



UC2843BG-S08-R

UTC



UC2843BN

onsemi
CURRENT MODE PWM CONTROLLER



UC2843BDR2G

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IC REG CTRLR FLYBACK 14SOIC



UC2843D

Texas Instruments
IC REG CTRLR MULT TOP 14SOIC



UC2843D013TR

STMicroelectronics



UC2843DTR

Texas Instruments
IC REG CTRLR MULT TOP 14SOIC



UC2843BD1R2

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IC REG CTRLR FLYBACK 8SOIC



UC2843BG

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UC2843BD1TR

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UC2843D8TR

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UC2843D8

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UC2843D8TRG4

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UC2843BNG

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IC REG CTRLR FLYBACK 8DIP



UC2843BD1R2G

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IC REG CTRLR FLYBACK 8SOIC



UC2844

Texas Instruments



UC2844A

STMicroelectronics

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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