



Image may be representation.
See specifications for product details.



UC3844BVD1R2G

Manufacturer Part Number **UC3844BVD1R2G**

Manufacturer **onsemi**

Allelco Part Number **32D-UC3844BVD1R2G**

ECAD Model Request Free CAD Models

Parts Description **IC REG CTRLR PWM CM 8-SOIC**

Package **8-SOIC (0.154', 3.90mm Width)**

Data sheet **Cylindrical Battery Holders.pdf**

UC3844B, 3845B, 2844B, 2845B.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

UC3844BVD1R2G - onsemi.New Original in Stock. Download Linear Technology UC3844BVD1R2G datasheet/specifications on AllelcoElec.com.
Request a quote for UC3844BVD1R2G, please send us email: info@allelco.com

Specifications

UC3844BVD1R2G Tech Specifications

UC3844BVD1R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Positive, Isolation Capable
Voltage - Supply (Vcc/Vdd)	10V ~ 36V	Operating Temperature	-40°C ~ 105°C (TA)
Topology	Boost, Flyback	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Function	Step-Up, Step-Up/Step-Down
Series	-	Frequency - Switching	Up to 500kHz
Serial Interfaces	-	Duty Cycle (Max)	48%
Package / Case	8-SOIC (0.154', 3.90mm Width)	Control Features	Frequency Control
Package	Tape & Reel (TR)	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	UC3844
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi UC3844BVD1R2G

Product Attribute				
Part Number	UC3844BVD1R2G	UC3844D	UC3844BDG	UC3844D8TR
Manufacturer	onsemi	Texas Instruments	onsemi	Texas Instruments
Output Configuration	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Clock Sync	No	No	No	No
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Voltage - Supply (Vcc/Vdd)	10V ~ 36V	12V ~ 28V	10V ~ 36V	12V ~ 28V
Serial Interfaces	-	-	-	-
Number of Outputs	1	1	1	1
Series	-	-	-	-
Package / Case	8-SOIC (0.154', 3.90mm Width)	14-SOIC (0.154', 3.90mm Width)	14-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Function	Step-Up, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down
Duty Cycle (Max)	48%	48%	48%	48%
Supplier Device Package	8-SOIC	14-SOIC	14-SOIC	8-SOIC
Topology	Boost, Flyback	Boost, Buck, Buck-Boost, Flyback, Forward	Boost, Flyback	Boost, Buck, Buck-Boost, Flyback, Forward
Output Phases	1	1	1	1
Control Features	Frequency Control	Frequency Control	Frequency Control	Frequency Control
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Frequency - Switching	Up to 500kHz	Up to 500kHz	Up to 500kHz	Up to 500kHz
Base Product Number	UC3844	UC3844	UC3844	UC3844
Synchronous Rectifier	No	No	No	No
Operating Temperature	-40°C ~ 105°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)

UC3844BVD1R2G Datasheet PDF

Download UC3844BVD1R2G pdf datasheets and onsemi documentation for UC3844BVD1R2G - onsemi.

Datasheets

Cylindrical Battery Holders.pdf

Environmental Information

onsemi RoHS.pdf

onsemi REACH.pdf

Material Declaration UC3844BVD1R2G.pdf

PCN Packaging



Mult MSL1 Pkg Rev 20/Dec/2018.pdf



Tape Design Chg 25/Oct/2019.pdf

HTML Datasheet



UC3844B, 3845B, 2844B, 2845B.pdf

PCN Assembly/Origin



2.73KHz.pdf

Customers Also Interested in

Recommended Products



UC3844D

Texas Instruments
IC REG CTRLR PWM CM 14-SOIC



UC3844BDG

onsemi
IC REG CTRLR PWM CM 14-SOIC



UC3844D8TR

Texas Instruments
IC REG CTRLR PWM CM 8SOIC



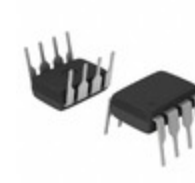
UC3844BD1013TR

STMicroelectronics
IC REG CTRLR BST FLYBK ISO 8SOIC



UC3844BDR

STMicroelectronics



UC3844BN

STMicroelectronics
IC REG CTRLR PWM CM 8-MINIDIP



UC3844BVNG

onsemi
IC REG CTRLR PWM CM 8-DIP



UC3844BDR2G

onsemi
IC REG CTRLR PWM CM 14-SOIC



UC3844BD1R2G

onsemi
IC REG CTRLR PWM CM 8-SOIC



UC3844D8G

Texas Instruments



UC3844D

onsemi
IC REG CTRLR PWM CM 14-SOIC



UC3844D

Fairchild Semiconductor
SWITCHING CONTROLLER



UC3844BVDR2

onsemi
IC REG CTRLR PWM CM 14-SOIC



UC3844BNG

onsemi
IC REG CTRLR PWM CM 8-DIP



UC3844BVN

onsemi
IC REG CTRLR PWM CM 8-DIP



UC3844BN

onsemi
IC REG CTRLR PWM CM 8-DIP



UC3844BD1

onsemi
IC REG CTRLR PWM CM 8-SOIC



UC3844BDR2

onsemi
IC REG CTRLR PWM CM 14-SOIC

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.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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