UC2843BD1R2G

Manufacturer Part Number	UC2843BD1R2G
Manufacturer	onsemi
Allelco Part Number	32D-UC2843BD1R2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG CTRLR FLYBACK 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	UC384(2,3)B, UC284(2,3)B.pdf
RoHS Status	ROHS3 Compliant

Get a Quote

UC2843BD1R2G - onsemi.New Original in Stock. Download Linear Technology UC2843BD1R2G datasheet/specifications on AllelcoElec.com.
Request a quote for UC2843BD1R2G, please send us email: info@allelco.com

Image may be representation.
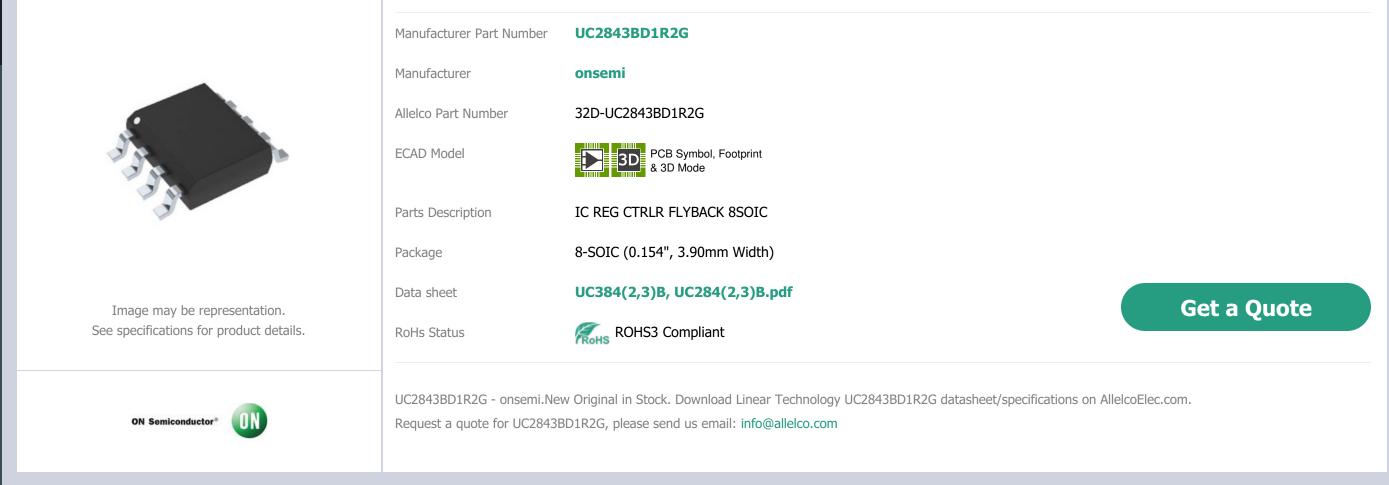See specifications for product details.

ON Semiconductor®

Specifications

UC2843BD1R2G Tech Specifications
UC2843BD1R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Positive, Isolation Capable
Voltage - Supply (Vcc/Vdd)	7.6V ~ 30V	Operating Temperature	-25℃ ~ 85℃ (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)	96%
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	UC2843
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi UC2843BD1R2G

Product Attribute				
Part Number	UC2843BD1R2G	UC2843BN	UC2843BD1013TR	UC2843BN
Manufacturer	onsemi	onsemi	STMicroelectronics	STMicroelectronics
Output Configuration	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Frequency - Switching	Up to 500kHz	Up to 500kHz	Up to 500kHz	Up to 500kHz
Function	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down
Synchronous Rectifier	No	No	No	No
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-Mini DIP
Serial Interfaces	-	-	-	-
Base Product Number	UC2843	UC2843	UC2843	UC2843
Operating Temperature	-25℃ ~ 85℃ (TA)	-25℃ ~ 85℃ (TA)	-25℃ ~ 85℃ (TA)	-25℃ ~ 85℃ (TA)
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Output Phases	1	1	1	1
Voltage - Supply (Vcc/Vdd)	7.6V ~ 30V	7.6V ~ 30V	7.6V ~ 30V	7.6V ~ 30V
Topology	Boost, Flyback	Boost, Flyback	Boost, Flyback	Boost, Flyback
Duty Cycle (Max)	96%	96%	96%	96%
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300', 7.62mm)
Clock Sync	No	No	No	No
Control Features	Frequency Control	Frequency Control	Frequency Control	Frequency Control
Number of Outputs	1	1	1	1
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Series	-	-	-	-

UC2843BD1R2G Datasheet PDF

Download UC2843BD1R2G pdf datasheets and onsemi documentation for UC2843BD1R2G - onsemi.

Datasheets

📄 UC384(2,3)B, UC284(2,3)B.pdf

Environmental Information

📄 onsemi REACH.pdf

📄 onsemi RoHS.pdf

📄 Material Declaration UC2843BD1R2G.pdf

Customers Also Interested in

Recommended Products

UC2843BN	**UC2843BD1013TR**	**UC2843BN**	**UC2843BDR2G**
onsemi	STMicroelectronics	STMicroelectronics	onsemi
CURRENT MODE PWM CONTROLLER	IC REG CTRLR BOOST/FLYBACK 8SO	IC REG CTRLR BST/FLYBK 8-MINIDIP	IC REG CTRLR FLYBACK 14SOIC

UC2843AQD8R	**UC2843B**
Texas Instruments	AMI Semiconductor/onsemi
IC REG CTRLR MULT TOPOLOGY 8SOIC	

UC2843BG-S08-R	**UC2843BNG**	**UC2843BD1G**	**UC2843BD1R2**
UTC	onsemi	onsemi	onsemi
	IC REG CTRLR FLYBACK 8DIP	IC REG CTRLR FLYBACK 8SOIC	IC REG CTRLR FLYBACK 8SOIC

UC2843BD1TR	**UC2843BG**
STMicroelectronics	UTC

UC2843BDG	**UC2843AQD8RQ1**	**UC2843AQDR**	**UC2843BD1**
onsemi	Texas Instruments	Texas Instruments	STMicroelectronics
IC REG CTRLR FLYBACK 14SOIC	IC REG CTRLR MULT TOPOLOGY 8SOIC	IC REG CTRLR MULT TOP 14SOIC	IC REG CTRLR BOOST/FLYBACK 8SO

UC2843BD	**UC2843BD1**
onsemi	onsemi
IC REG CTRLR FLYBACK 14SOIC	IC REG CTRLR FLYBACK 8SOIC

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.)
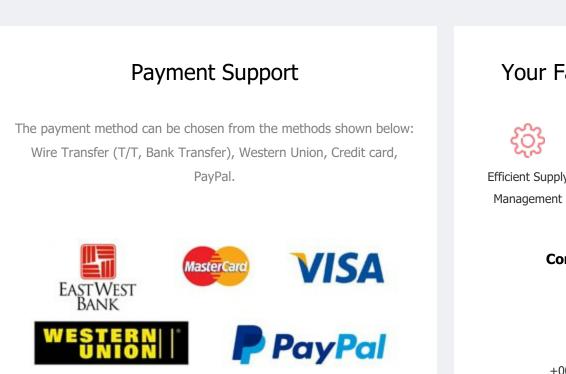
Delivery Method

> 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.

EAST WEST BANK — MasterCard — VISA — WESTERN UNION — 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

ISO MEDICAL DEVICES ISO 13485:2016 — ISO CERTIFIED COMPANY 9001:2015 — ISO CERTIFIED COMPANY 14001:2015 — ISO 28000:2007 — IPC Member — SMTA Surface Mount Technology Association

View More

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