

AMI Semiconductor / ON

**Semiconductor**

## UC3845BD1R2

Part Number:	UC3845BD1R2
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description:	IC REG CTRLR BOOST/FLYBACK 8SOIC
Datasheets:	UC3845BD1R2.pdf
RoHS Status:	Contains lead / RoHS non-compliant
Stock Condition:	206780 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

### Specifications of UC3845BD1R2

PART NUMBER	UC3845BD1R2
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG CTRLR BOOST/FLYBACK 8SOIC
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	206780 pcs
DATA SHEET	UC3845BD1R2.pdf
VOLTAGE - SUPPLY (VCC/VDD)	7.6 V ~ 30 V
TOPOLOGY	Boost, Flyback
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive or Negative, Isolation Capable
OPERATING TEMPERATURE	0°C ~ 70°C (TA)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
FUNCTION	Step-Up, Step-Up/Step-Down
FREQUENCY - SWITCHING	500kHz
DUTY CYCLE (MAX)	48%
DETAILED DESCRIPTION	Boost, Flyback Regulator Positive or Negative, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-SOIC
CONTROL FEATURES	Frequency Control
CLOCK SYNC	No
BASE PART NUMBER	UC384*B

### Related Tags

AMI Semiconductor / ON Semiconductor UC3845BD1R2	UC3845BD1R2 Distributor	UC3845BD1R2 Supplier
UC3845BD1R2 Price	UC3845BD1R2 Pictures	UC3845BD1R2 Image
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Catalyst Semiconductor / ON Semiconductor UC3845BD1R2	PulseCore Semiconductor / ON Semiconductor UC3845BD1R2	Sanyo Semiconductor / ON Semiconductor UC3845BD1R2

### Related Products

<p><b>UC3845BD1</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 110036 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>	<p><b>UC3845BDG</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 137280 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>
<p><b>UC3845BD1013TR</b> Manufacturers: STMicroelectronics Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 112707 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>	<p><b>UC3845BN</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8DIP In stock: 5209 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>
<p><b>UC3845ANG4</b> Manufacturers: N/A Description: IC REG CTRLR MULT TOPOLOGY 8DIP In stock: 106169 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>	<p><b>UC3845BDR2</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 6010 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>
<p><b>UC3845BD1R2G</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 413717 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>	<p><b>UC3845BDR2G</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 161488 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>
<p><b>UC3845BN</b> Manufacturers: STMicroelectronics Description: IC REG CTRLR BOOST/FLYBACK 8DIP In stock: 101167 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>	<p><b>UC3845BD1</b> Manufacturers: STMicroelectronics Description: IC REG CTRLR BOOST/FLYBACK 8SO In stock: 221730 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>
<p><b>UC3845BD1G</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 163146 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>	<p><b>UC3845BD</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 126264 pcs</p> <p style="text-align: center; background-color: gray; color: white; padding: 2px;">RFQ</p>