




## UC3845BD1013TR

Part Number:	UC3845BD1013TR
Manufacturer/Brand:	STMicroelectronics
Product description:	IC REG CTRLR BOOST/FLYBACK 8SOIC
Datasheets:	<a href="#">PDF UC3845BD1013TR.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

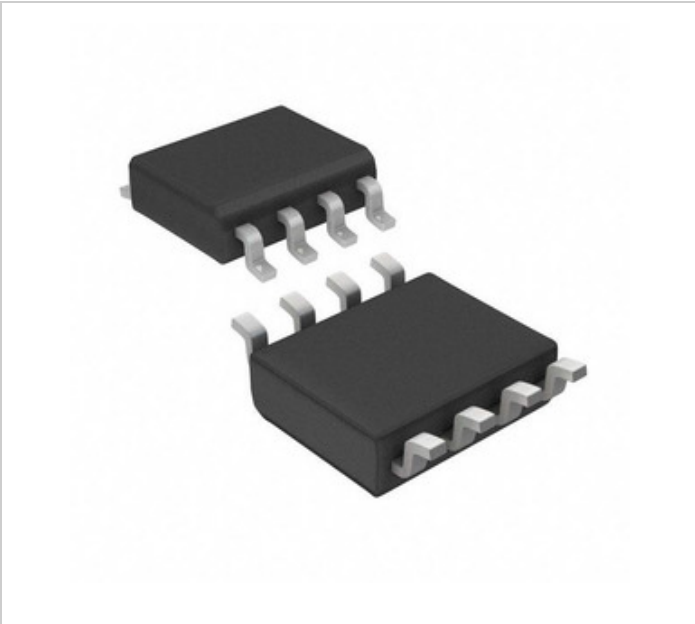


Image may be representation. See specifications for product details.

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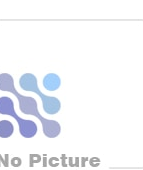




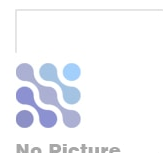




### Specifications of UC3845BD1013TR

PART NUMBER	UC3845BD1013TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC REG CTRLR BOOST/FLYBACK 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF UC3845BD1013TR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	7.6 V ~ 30 V
TOPOLOGY	Boost, Flyback
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	8-SO
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive, Isolation Capable
OTHER NAMES	497-3683-1
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up/Step-Down
FREQUENCY - SWITCHING	250kHz
DUTY CYCLE (MAX)	48%
DETAILED DESCRIPTION	Boost, Flyback Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 8-SO
CONTROL FEATURES	Frequency Control
CLOCK SYNC	No
BASE PART NUMBER	UC3845B

### Related Tags

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### Related Products

 <p><b>UC3845BDG</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 255952 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>UC3845BD1</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 85916 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>UC3845AN</b> Manufacturers: N/A Description: IC REG CTRLR MULT TOPOLOGY 8DIP In stock: 87861 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>UC3845BD1R2G</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 344124 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>UC3845BD1R2</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 115794 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>UC3845BD1</b> Manufacturers: STMicroelectronics Description: IC REG CTRLR BOOST/FLYBACK 8SO In stock: 164857 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>UC3845BDR2G</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 140669 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>UC3845ANG4</b> Manufacturers: N/A Description: IC REG CTRLR MULT TOPOLOGY 8DIP In stock: 58942 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>UC3845BD</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 76106 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>UC3845BD1G</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBACK 8SOIC In stock: 267540 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>UC3845AM</b> Manufacturers: Microsemi Description: IC REG CTRLR BUCK/BOOST 8DIP In stock: 61349 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>UC3845BDR2</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR BOOST/FLYBK 14SOIC In stock: 6046 pcs</p> <p><a href="#">RFQ</a></p>