



E-UC3845BD1013TR





life.augmented

Part Number: [E-UC3845BD1013TR](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG CTRLR BOOST/FLYBACK 8SOIC

Data sheet:  [UC2842B-45B](#), [UC3842B-45B](#)

RoHs Status: Lead free / RoHS Compliant





















Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	E-UC3845BD1013TR	Manufacturer	STMicroelectronics
Description	IC REG CTRLR BOOST/FLYBACK 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	83103 pcs	Data sheet	UC2842B-45B , UC3842B-45B
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	7.6 V ~ 30 V
Topology	Boost, Flyback	Synchronous Rectifier	No
Supplier Device Package	8-SO	Series	-
Serial Interfaces	-	Packaging	Original-Reel®
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Other Names	497-4605-6 EUC3845BD1013TR	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
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
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RELATED PRODUCTS			
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	Part#: E-UC3842BN Description: IC REG CTRLR PWM CM 8-MINIDIP	Manufacturers: STMicroelectronics	<div>RFQ</div>
	Part#: E-ULQ2003A Description: TRANS 7NPN DARL 50V 0.5A 16DIP	Manufacturers: STMicroelectronics	<div>RFQ</div>
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