




E-UC3845BD1

Part Number:	E-UC3845BD1
Manufacturer/Brand:	STMicroelectronics
Product description	IC REG CTRLR BOOST/FLYBACK 8SOIC
Datasheets:	 E-UC3845BD1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	270242 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of E-UC3845BD1

PART NUMBER	E-UC3845BD1
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC REG CTRLR BOOST/FLYBACK 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	270242 pcs
DATA SHEET	 E-UC3845BD1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	7.6 V ~ 30 V
TOPOLOGY	Boost, Flyback
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	8-SO
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive, Isolation Capable
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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