



UC3842BD1

Manufacturer Part Number:	UC3842BD1
Manufacturer / Brand:	STMicroelectronics
Part of Description:	IC REG CTRLR BST FLYBK ISO 8-SO
Datasheets:	UC3842BD1.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 20500 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of UC3842BD1

Part Number	UC3842BD1	Manufacturer / Brand	STMicroelectronics
Voltage - Supply (Vcc/Vdd)	10 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	Other Names	STUC3842BD1
Operating Temperature	0°C ~ 70°C (TJ)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Function	Step-Up, Step-Up/Step-Down
Frequency - Switching	Up to 500kHz	Duty Cycle (Max)	96%
Detailed Description	Boost, Flyback Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-SO	Control Features	Frequency Control
Clock Sync	No	Base Part Number	UC3842B
Stock Quantity	20500 pcs Stock	Category	Integrated Circuits (ICs) > PMIC - Voltage Regulators - DC DC Switching Controllers
Description	IC REG CTRLR BST FLYBK ISO 8-SO	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to UC3842BD1

STMicroelectronics UC3842BD1	UC3842BD1 part	UC3842BD1 Price	UC3842BD1 Distributor
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<p>UC3842BD1R2 Description: IC REG CTRLR BST FLYBK ISO 8SOIC Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 33300 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>UC3842ANG Description: IC REG CTRLR FLYBK ISO PWM 8-DIP Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2681 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>UC3842ADR2 Description: IC REG CTRLR FLYBK ISO CM 14SOIC Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 8200 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
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<p>IMAGE NOT AVAILABLE</p> <p>UC3842BD1TR Description: UC3842BD1TR ST SOP8 Manufacturers: ST In Stock: New original, 5000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>UC3842BD Description: IC REG CTRLR PWM CM 14-SOIC Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 17000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>UC3842ADTR Description: IC REG CTRLR PWM CM 14SOIC Manufacturers: N/A In Stock: New original, 5700 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
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<p>UC3842BD01R2G Description: UC3842BD01R2G ON SOP Manufacturers: ON In Stock: New original, 5000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>UC3842AL Description: UC3842AL UTC SOP8 Manufacturers: UTC In Stock: New original, 13800 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>UC3842BDR2 Description: IC REG CTRLR PWM CM 14-SOIC Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2780 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>



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