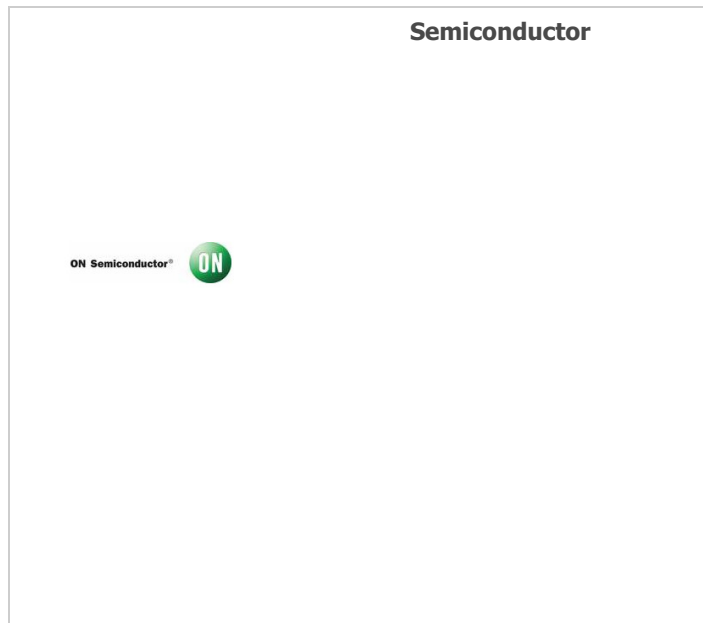


ON Semiconductor **AMI Semiconductor / ON**

## UC3842ADR2

Part Number: UC3842ADR2  
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Product description: IC REG CTRLR FLYBK ISO CM 14SOIC  
 Datasheets: UC3842ADR2.pdf  
 RoHS Status: Contains lead / RoHS non-compliant  
 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 UC3842ADR2

PART NUMBER	UC3842ADR2
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG CTRLR FLYBK ISO CM 14SOIC
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	UC3842ADR2.pdf
VOLTAGE - SUPPLY (VCC/VDD)	10 V ~ 30 V
TOPOLOGY	Boost, Flyback
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	14-SOIC
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	14-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive
OTHER NAMES	UC3842ADR2OSCT
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	Up to 500kHz
DUTY CYCLE (MAX)	96%
DETAILED DESCRIPTION	Boost, Flyback Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 14-SOIC
CONTROL FEATURES	Frequency Control
CLOCK SYNC	No
BASE PART NUMBER	UC384*A

### Related Tags

AMI Semiconductor / ON Semiconductor UC3842ADR2	UC3842ADR2 Distributor	UC3842ADR2 Supplier
UC3842ADR2 Price	UC3842ADR2 Pictures	UC3842ADR2 Image
UC3842ADR2 PDF Datasheet	UC3842ADR2 Download Datasheet	UC3842ADR2 Datasheet
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Catalyst Semiconductor / ON Semiconductor UC3842ADR2	PulseCore Semiconductor / ON Semiconductor UC3842ADR2	Sanyo Semiconductor / ON Semiconductor UC3842ADR2

### Related Products

<p><b>UC3842ADW</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 16SOIC                  In stock: 98800 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>UC3842ADM</b>                  Manufacturers: Microsemi                  Description: IC REG CTRLR PWM CM 8SOIC                  In stock: 5139 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>UC3842AD8TRG4</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 8SOIC                  In stock: 120361 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>UC3842AD8</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 8SOIC                  In stock: 83911 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>UC3842ADWG4</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 16SOIC                  In stock: 69808 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>UC3842AD8G4</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 8SOIC                  In stock: 73278 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>UC3842ADG4</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 14SOIC                  In stock: 73159 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>UC3842AD8TR</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 8SOIC                  In stock: 98754 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>UC3842ADTR</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 14SOIC                  In stock: 112714 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>UC3842ADTRG4</b>                  Manufacturers: N/A                  Description: IC REG CTRLR PWM CM 14SOIC                  In stock: 126781 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>UC3842ADX</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR PWM 8SOIC                  In stock: 5752 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>UC3842ADR2G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR FLYBK ISO CM 14SOIC                  In stock: 192697 pcs</p> <p><a href="#">RFQ</a></p>