



Microsemi



UC3842AD

Part Number:	UC3842AD
Manufacturer/Brand:	Microsemi
Product description	IC REG CTRLR PWM CM 14-SOIC
Datasheets:	 UC3842AD.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

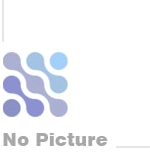
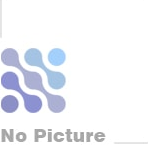
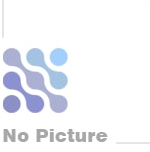
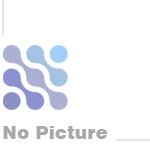
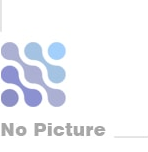
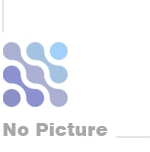
Specifications of UC3842AD

PART NUMBER	UC3842AD
MANUFACTURER	Microsemi
DESCRIPTION	IC REG CTRLR PWM CM 14-SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 UC3842AD.pdf
VOLTAGE - SUPPLY (VCC/VDD)	10 V ~ 30 V
TOPOLOGY	Boost, Buck, Flyback, Forward
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	14-SOIC
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tube
PACKAGE / CASE	-
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	0°C ~ 70°C (TA)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up, Step-Down, Step-Up/Step-Down
FREQUENCY - SWITCHING	Up to 500kHz
DUTY CYCLE (MAX)	96%
DETAILED DESCRIPTION	Boost, Buck, Flyback, Forward Regulator Positive Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 14-SOIC
CONTROL FEATURES	Frequency Control
CLOCK SYNC	No
BASE PART NUMBER	UC*84

Related Tags

Microsemi UC3842AD	UC3842AD Distributor	UC3842AD Supplier
UC3842AD Price	UC3842AD Pictures	UC3842AD Image
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Microsemi Consumer Medical Product Group UC3842AD	Microsemi HI-REL [MIL] UC3842AD	Microsemi Power Management Group UC3842AD
Microsemi Power Products Group UC3842AD	Microsemi SoC UC3842AD	Microsemi Commercial Components Group UC3842AD
Microsemi Corporation UC3842AD	Microsemi Solutions Sdn Bhd. UC3842AD	

Related Products

 UC3842ADM Manufacturers: Microsemi Description: IC REG CTRLR PWM CM 8SOIC In stock: 5139 pcs RFQ	 UC3842AD8TRG4 Manufacturers: N/A Description: IC REG CTRLR PWM CM 8SOIC In stock: 120361 pcs RFQ
 UC3842AD8G4 Manufacturers: N/A Description: IC REG CTRLR PWM CM 8SOIC In stock: 73278 pcs RFQ	 UC3841DWTRG4 Manufacturers: N/A Description: IC REG CTRLR MULT TOP 18SOIC In stock: 5105 pcs RFQ
 UC3842ADG4 Manufacturers: N/A Description: IC REG CTRLR PWM CM 14SOIC In stock: 73159 pcs RFQ	 UC3842AD Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR PWM 8SOIC In stock: 4863 pcs RFQ
 UC3841N Manufacturers: N/A Description: IC REG CTRLR MULT TOPOLOGY 18DIP In stock: 9249 pcs RFQ	 UC3842AD8TR Manufacturers: N/A Description: IC REG CTRLR PWM CM 8SOIC In stock: 98754 pcs RFQ
 UC3841NG4 Manufacturers: N/A Description: IC REG CTRLR MULT TOPOLOGY 18DIP In stock: 6042 pcs RFQ	 UC3841Q Manufacturers: N/A Description: IC REG CTRLR MULT TOP 20PLCC In stock: 5960 pcs RFQ
 UC3842AD Manufacturers: N/A Description: IC REG CTRLR PWM CM 14SOIC In stock: 105244 pcs RFQ	 UC3842AD8 Manufacturers: N/A Description: IC REG CTRLR PWM CM 8SOIC In stock: 83911 pcs RFQ