



## UC3842BDR2G

Part Number: UC3842BDR2G  
 Manufacturer/Brand: Ault / SL Power  
 Product description: IC REG CTRLR PWM CM 14-SOIC  
 Datasheets: [PDF UC3842BDR2G.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

### Specifications of UC3842BDR2G

PART NUMBER	UC3842BDR2G
MANUFACTURER	ON Semiconductor
DESCRIPTION	IC REG CTRLR PWM CM 14-SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF UC3842BDR2G.pdf</a>
VOLTAGE - WORKING	-
VOLTAGE - START UP	Flyback
VOLTAGE - BREAKDOWN	14-SOIC
TOPOLOGY	Isolated
SERIES	-
ROHS STATUS	Tape & Reel (TR)
POLARIZATION	14-SOIC (0.154", 3.90mm Width)
OTHER NAMES	UC3842BDR2G-ND UC3842BDR2GOSTR
OPERATING TEMPERATURE	0°C ~ 70°C (TA)
NUMBER OF DAC'S	Up to 500kHz
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MATING LENGTH/DEPTH	No
MANUFACTURER STANDARD LEAD TIME	2 Weeks
MANUFACTURER PART NUMBER	UC3842BDR2G
FAULT PROTECTION	96%
EXPANDED DESCRIPTION	Converter Offline Flyback Topology Up to 500kHz 14-SOIC
ESL (EQUIVALENT SERIES INDUCTANCE)	-
DUTY CYCLE	16V
DESCRIPTION	IC REG CTRLR PWM CM 14-SOIC
DATA CONVERTERS	10 V ~ 30 V
CURRENT - CHARGING	Frequency Control
CONTROL FEATURES	Current Limiting

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<p><b>UC3842BN</b>                  Manufacturers: STMicroelectronics                  Description: IC REG CTRLR PWM CM 8-MINIDIP                  In stock: 173585 pcs  <a href="#">RFQ</a></p>	<p><b>UC3842BD1R2</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR BST FLYBK ISO 8SOIC                  In stock: 104187 pcs  <a href="#">RFQ</a></p>
<p><b>UC3842BD1G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR BST FLYBK ISO 8SOIC                  In stock: 197118 pcs  <a href="#">RFQ</a></p>	<p><b>UC3842BDR2</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR PWM CM 14-SOIC                  In stock: 4997 pcs  <a href="#">RFQ</a></p>
<p><b>UC3842BNG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR BST FLYBK ISO 8-DIP                  In stock: 238459 pcs  <a href="#">RFQ</a></p>	<p><b>UC3842BD1R2G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR BST FLYBK ISO 8SOIC                  In stock: 250473 pcs  <a href="#">RFQ</a></p>
<p><b>UC3842BN</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR BST FLYBK ISO 8-DIP                  In stock: 4844 pcs  <a href="#">RFQ</a></p>	<p><b>UC3842BVD1</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG CTRLR BST FLYBK ISO 8SOIC                  In stock: 71834 pcs  <a href="#">RFQ</a></p>
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