

ON Semiconductor®

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AMI Semiconductor / ON

Semiconductor

ON Semiconductor®

UC3845BDG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC3845BDG                                                                                                    |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | IC REG CTRLR BOOST/FLYBK 14SOIC                                                                              |
| Datasheets:         |  UC3845BDG.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 137280 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of UC3845BDG

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3845BDG                                                                                                                      |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                                           |
| DESCRIPTION                      | IC REG CTRLR BOOST/FLYBK 14SOIC                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 137280 pcs                                                                                                                     |
| DATA SHEET                       |  UC3845BDG.pdf                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 30 V                                                                                                                   |
| TOPOLOGY                         | Boost, Flyback                                                                                                                 |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                                        |
| SERIES                           | -                                                                                                                              |
| SERIAL INTERFACES                | -                                                                                                                              |
| PACKAGING                        | Tube                                                                                                                           |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                                 |
| OUTPUT TYPE                      | Transistor Driver                                                                                                              |
| OUTPUT PHASES                    | 1                                                                                                                              |
| OUTPUT CONFIGURATION             | Positive or Negative, Isolation Capable                                                                                        |
| OTHER NAMES                      | UC3845BDGOS                                                                                                                    |
| 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-Up/Step-Down                                                                                                     |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                                         |
| DUTY CYCLE (MAX)                 | 48%                                                                                                                            |
| DETAILED DESCRIPTION             | Boost, Flyback Regulator Positive or Negative, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 14-SOIC |
| CONTROL FEATURES                 | Frequency Control                                                                                                              |
| CLOCK SYNC                       | No                                                                                                                             |
| BASE PART NUMBER                 | UC384*B                                                                                                                        |

Related Tags

|                                                     |                                                      |                                                    |
|-----------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor UC3845BDG      | UC3845BDG Distributor                                | UC3845BDG Supplier                                 |
| UC3845BDG Price                                     | UC3845BDG Pictures                                   | UC3845BDG Image                                    |
| UC3845BDG PDF Datasheet                             | UC3845BDG Download Datasheet                         | UC3845BDG Datasheet                                |
| UC3845BDG Stock                                     | Buy UC3845BDG                                        | Buy AMI Semiconductor / ON Semiconductor UC3845BDG |
| AMI Semiconductor / ON Semiconductor UC3845BDG      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor UC3845BDG      | ON Semiconductor UC3845BDG                           | Aptina / ON Semiconductor UC3845BDG                |
| Catalyst Semiconductor / ON Semiconductor UC3845BDG | PulseCore Semiconductor / ON Semiconductor UC3845BDG | Sanyo Semiconductor / ON Semiconductor UC3845BDG   |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BD1</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC</div><div>In stock: 110036 pcs</div><div>RFQ</div></div>                      | <div><div></div><div>UC3845BD1013TR</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC</div><div>In stock: 112707 pcs</div><div>RFQ</div></div> |
| <div><div></div><div>UC3845BD1</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8SO</div><div>In stock: 221730 pcs</div><div>RFQ</div></div> | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BD1G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC</div><div>In stock: 163146 pcs</div><div>RFQ</div></div>                             |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BN</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8DIP</div><div>In stock: 5209 pcs</div><div>RFQ</div></div>                          | <div><div></div><div>UC3845BN</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8DIP</div><div>In stock: 101167 pcs</div><div>RFQ</div></div>        |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BDR2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBK 14SOIC</div><div>In stock: 161488 pcs</div><div>RFQ</div></div>                     | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BDR2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBK 14SOIC</div><div>In stock: 6010 pcs</div><div>RFQ</div></div>                                |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BNG</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8DIP</div><div>In stock: 149981 pcs</div><div>RFQ</div></div>                       | <div><div></div><div>UC3845BNST</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC REG CTRLR BST/FLYBK 8-MINIDIP</div><div>In stock: 233648 pcs</div><div>RFQ</div></div>     |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BD1R2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC</div><div>In stock: 413717 pcs</div><div>RFQ</div></div>                   | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>UC3845BD1R2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC</div><div>In stock: 206780 pcs</div><div>RFQ</div></div>                            |