



AMI Semiconductor / ON

Semiconductor



UC3845BDR2

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC3845BDR2                                                                                                           |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                 |
| Product description | IC REG CTRLR BOOST/FLYBK 14SOIC                                                                                      |
| Datasheets:         |  UC3845BDR2.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 UC3845BDR2

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3845BDR2                                                                                                                     |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                                           |
| DESCRIPTION                      | IC REG CTRLR BOOST/FLYBK 14SOIC                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                             |
| DATA SHEET                       |  UC3845BDR2.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                        | Tape & Reel (TR)                                                                                                               |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                                 |
| OUTPUT TYPE                      | Transistor Driver                                                                                                              |
| OUTPUT PHASES                    | 1                                                                                                                              |
| OUTPUT CONFIGURATION             | Positive or Negative, Isolation Capable                                                                                        |
| 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            | 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 UC3845BDR2      | UC3845BDR2 Distributor                                | UC3845BDR2 Supplier                                 |
| UC3845BDR2 Price                                     | UC3845BDR2 Pictures                                   | UC3845BDR2 Image                                    |
| UC3845BDR2 PDF Datasheet                             | UC3845BDR2 Download Datasheet                         | UC3845BDR2 Datasheet                                |
| UC3845BDR2 Stock                                     | Buy UC3845BDR2                                        | Buy AMI Semiconductor / ON Semiconductor UC3845BDR2 |
| AMI Semiconductor / ON Semiconductor UC3845BDR2      | AMI Semiconductor / ON Semiconductor Supplier         | AMI Semiconductor / ON Semiconductor Distributor    |
| AMI Semiconductor / ON Semiconductor UC3845BDR2      | ON Semiconductor UC3845BDR2                           | Aptina / ON Semiconductor UC3845BDR2                |
| Catalyst Semiconductor / ON Semiconductor UC3845BDR2 | PulseCore Semiconductor / ON Semiconductor UC3845BDR2 | Sanyo Semiconductor / ON Semiconductor UC3845BDR2   |

Related Products

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| <div></div> <div><b>UC3845BDR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBK 14SOIC<br/>In stock: 140669 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>UC3845BDG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBK 14SOIC<br/>In stock: 255952 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>UC3845BD1R2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 344124 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>UC3845BD1013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 156858 pcs<br/><div>RFQ</div></div>                |
| <div></div> <div><b>UC3845BD1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 267540 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>UC3845BVD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBK 14SOIC<br/>In stock: 65339 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>UC3845BD1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 85916 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>UC3845BD1R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 115794 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>UC3845BNST</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST/FLYBK 8-MINIDIP<br/>In stock: 170450 pcs<br/><div>RFQ</div></div>                     | <div></div> <div><b>UC3845BN</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBACK 8DIP<br/>In stock: 5234 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>UC3845BNG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BOOST/FLYBACK 8DIP<br/>In stock: 228944 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>UC3845BN</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BOOST/FLYBACK 8DIP<br/>In stock: 143716 pcs<br/><div>RFQ</div></div>                       |