

ON Semiconductor®

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AMI Semiconductor / ON

Semiconductor



UC3844BVD1

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC3844BVD1                                                                                                           |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                 |
| Product description | IC REG CTRLR PWM CM 8-SOIC                                                                                           |
| Datasheets:         |  UC3844BVD1.pdf                     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of UC3844BVD1

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3844BVD1                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                               |
| DESCRIPTION                      | IC REG CTRLR PWM CM 8-SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| DATA SHEET                       |  UC3844BVD1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 10 V ~ 36 V                                                                                        |
| TOPOLOGY                         | Boost, Flyback                                                                                     |
| SYNCHRONOUS RECTIFIER            | No                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                             |
| SERIES                           | -                                                                                                  |
| SERIAL INTERFACES                | -                                                                                                  |
| PACKAGING                        | Tube                                                                                               |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                      |
| OUTPUT TYPE                      | Transistor Driver                                                                                  |
| OUTPUT PHASES                    | 1                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°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)                 | 48%                                                                                                |
| DETAILED DESCRIPTION             | Boost, Flyback Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-SOIC     |
| CONTROL FEATURES                 | Frequency Control                                                                                  |
| CLOCK SYNC                       | No                                                                                                 |
| BASE PART NUMBER                 | UC384*B                                                                                            |

Related Tags

|                                                      |                                                       |                                                     |
|------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor UC3844BVD1      | UC3844BVD1 Distributor                                | UC3844BVD1 Supplier                                 |
| UC3844BVD1 Price                                     | UC3844BVD1 Pictures                                   | UC3844BVD1 Image                                    |
| UC3844BVD1 PDF Datasheet                             | UC3844BVD1 Download Datasheet                         | UC3844BVD1 Datasheet                                |
| UC3844BVD1 Stock                                     | Buy UC3844BVD1                                        | Buy AMI Semiconductor / ON Semiconductor UC3844BVD1 |
| AMI Semiconductor / ON Semiconductor UC3844BVD1      | AMI Semiconductor / ON Semiconductor Supplier         | AMI Semiconductor / ON Semiconductor Distributor    |
| AMI Semiconductor / ON Semiconductor UC3844BVD1      | ON Semiconductor UC3844BVD1                           | Aptina / ON Semiconductor UC3844BVD1                |
| Catalyst Semiconductor / ON Semiconductor UC3844BVD1 | PulseCore Semiconductor / ON Semiconductor UC3844BVD1 | Sanyo Semiconductor / ON Semiconductor UC3844BVD1   |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>UC3844BNST</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR PWM CM 8-MINIDIP<br/>In stock: 103826 pcs<br/><div>RFQ</div></div> | <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BVD1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 8-SOIC<br/>In stock: 189311 pcs<br/><div>RFQ</div></div>                                   |
| <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BNG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 269166 pcs<br/><div>RFQ</div></div>                             | <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BN</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 4736 pcs<br/><div>RFQ</div></div>                                         |
| <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BVDR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 183247 pcs<br/><div>RFQ</div></div>                        | <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BVD1R2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 8-SOIC<br/>In stock: 284525 pcs<br/><div>RFQ</div></div>                                 |
| <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BVDR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 5101 pcs<br/><div>RFQ</div></div>                           | <div><div></div><div><b>UC3844BN</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR PWM CM 8-MINIDIP<br/>In stock: 187727 pcs<br/><div>RFQ</div></div></div> |
| <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BVDG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 129567 pcs<br/><div>RFQ</div></div>                          | <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BDR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 322770 pcs<br/><div>RFQ</div></div>                                  |
| <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BVD1R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 8-SOIC<br/>In stock: 104435 pcs<br/><div>RFQ</div></div>                         | <div><div>ON Semiconductor®</div><div>ON</div></div> <div><b>UC3844BVD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 62115 pcs<br/><div>RFQ</div></div>                                     |