

ON Semiconductor®  


AMI Semiconductor / ON

Semiconductor



UC3842BVD1

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC3842BVD1                                                                                                           |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                 |
| Product description | IC REG CTRLR BST FLYBK ISO 8SOIC                                                                                     |
| Datasheets:         |  UC3842BVD1.pdf                     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 112645 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

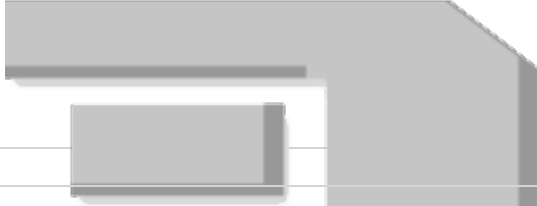
Specifications of UC3842BVD1

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3842BVD1                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                               |
| DESCRIPTION                      | IC REG CTRLR BST FLYBK ISO 8SOIC                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| QUANTITY AVAILABLE               | 112645 pcs                                                                                         |
| DATA SHEET                       |  UC3842BVD1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 10 V ~ 30 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                                                                                           |
| OTHER NAMES                      | UC3842BVD10S                                                                                       |
| 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)                 | 96%                                                                                                |
| 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 UC3842BVD1      | UC3842BVD1 Distributor                                | UC3842BVD1 Supplier                                 |
| UC3842BVD1 Price                                     | UC3842BVD1 Pictures                                   | UC3842BVD1 Image                                    |
| UC3842BVD1 PDF Datasheet                             | UC3842BVD1 Download Datasheet                         | UC3842BVD1 Datasheet                                |
| UC3842BVD1 Stock                                     | Buy UC3842BVD1                                        | Buy AMI Semiconductor / ON Semiconductor UC3842BVD1 |
| AMI Semiconductor / ON Semiconductor UC3842BVD1      | AMI Semiconductor / ON Semiconductor Supplier         | AMI Semiconductor / ON Semiconductor Distributor    |
| AMI Semiconductor / ON Semiconductor UC3842BVD1      | ON Semiconductor UC3842BVD1                           | Aptina / ON Semiconductor UC3842BVD1                |
| Catalyst Semiconductor / ON Semiconductor UC3842BVD1 | PulseCore Semiconductor / ON Semiconductor UC3842BVD1 | Sanyo Semiconductor / ON Semiconductor UC3842BVD1   |

Related Products

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| <div><div>ON Semiconductor®<br/></div><div>UC3842BDR2G</div><div>Manufacturers: ON Semiconductor</div><div>Description: IC REG CTRLR PWM CM 14-SOIC</div><div>In stock: 454280 pcs</div><div>RFQ</div></div>                            | <div><div><br/>life.augmented</div><div>UC3842BN</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC REG CTRLR PWM CM 8-MINIDIP</div><div>In stock: 132725 pcs</div><div>RFQ</div></div>                             |
| <div><div>ON Semiconductor®<br/></div><div>UC3842BN</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BST FLYBK ISO 8-DIP</div><div>In stock: 6355 pcs</div><div>RFQ</div></div>        | <div><div>ON Semiconductor®<br/></div><div>UC3842BVD1G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BST FLYBK ISO 8SOIC</div><div>In stock: 94012 pcs</div><div>RFQ</div></div>   |
| <div><div>ON Semiconductor®<br/></div><div>UC3842BVD1R2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BST FLYBK ISO 8SOIC</div><div>In stock: 499178 pcs</div><div>RFQ</div></div> | <div><div>ON Semiconductor®<br/></div><div>UC3842BVDR2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR PWM CM 14-SOIC</div><div>In stock: 126871 pcs</div><div>RFQ</div></div>      |
| <div><div>ON Semiconductor®<br/></div><div>UC3842BDG</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR PWM CM 14-SOIC</div><div>In stock: 132365 pcs</div><div>RFQ</div></div>          | <div><div>ON Semiconductor®<br/></div><div>UC3842BDR2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR PWM CM 14-SOIC</div><div>In stock: 6897 pcs</div><div>RFQ</div></div>          |
| <div><div></div><div>UC3842D</div><div>Manufacturers: N/A</div><div>Description: IC REG CTRLR PWM CM 14SOIC</div><div>In stock: 63251 pcs</div><div>RFQ</div></div>                                                                      | <div><div>ON Semiconductor®<br/></div><div>UC3842BNG</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BST FLYBK ISO 8-DIP</div><div>In stock: 139638 pcs</div><div>RFQ</div></div>    |
| <div><div>ON Semiconductor®<br/></div><div>UC3842BVDR2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR PWM CM 14-SOIC</div><div>In stock: 157538 pcs</div><div>RFQ</div></div>        | <div><div>ON Semiconductor®<br/></div><div>UC3842BVD1R2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC REG CTRLR BST FLYBK ISO 8SOIC</div><div>In stock: 134633 pcs</div><div>RFQ</div></div> |