



Microsemi



UC3844AD

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC3844AD                                                                                                     |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC REG CTRLR PWM CM 14-SOIC                                                                                  |
| Datasheets:         |  UC3844AD.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19228 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

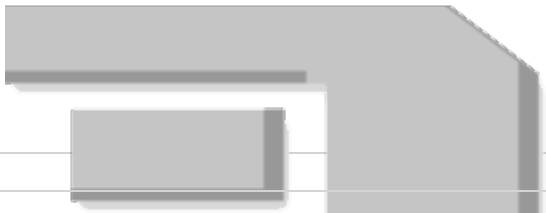
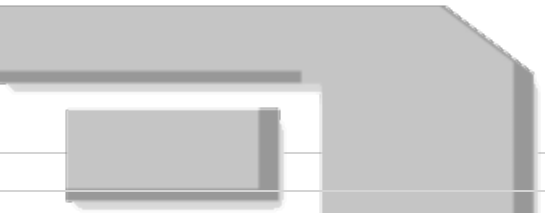
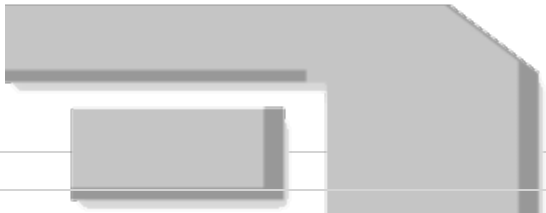
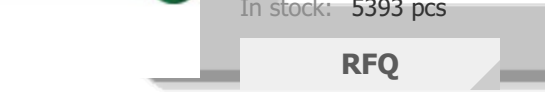
Specifications of UC3844AD

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3844AD                                                                                                                  |
| MANUFACTURER                     | Microsemi                                                                                                                 |
| DESCRIPTION                      | IC REG CTRLR PWM CM 14-SOIC                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 19228 pcs                                                                                                                 |
| DATA SHEET                       |  UC3844AD.pdf                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 10 V ~ 30 V                                                                                                               |
| TOPOLOGY                         | Boost, Buck, Flyback, Forward                                                                                             |
| 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                                                                                                                  |
| OTHER NAMES                      | UC3844AD-ND<br>UC3844ADMS                                                                                                 |
| 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-Down, Step-Up/Step-Down                                                                                     |
| FREQUENCY - SWITCHING            | Up to 500kHz                                                                                                              |
| DUTY CYCLE (MAX)                 | 48%                                                                                                                       |
| DETAILED DESCRIPTION             | Boost, Buck, Flyback, Forward Regulator Positive Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 14-SOIC |
| CONTROL FEATURES                 | Frequency Control                                                                                                         |
| CLOCK SYNC                       | No                                                                                                                        |
| BASE PART NUMBER                 | UC*84                                                                                                                     |

Related Tags

|                                                   |                                              |                                                    |
|---------------------------------------------------|----------------------------------------------|----------------------------------------------------|
| Microsemi UC3844AD                                | UC3844AD Distributor                         | UC3844AD Supplier                                  |
| UC3844AD Price                                    | UC3844AD Pictures                            | UC3844AD Image                                     |
| UC3844AD PDF Datasheet                            | UC3844AD Download Datasheet                  | UC3844AD Datasheet                                 |
| UC3844AD Stock                                    | Buy UC3844AD                                 | Buy Microsemi UC3844AD                             |
| Microsemi UC3844AD                                | Microsemi Supplier                           | Microsemi Distributor                              |
| Microsemi UC3844AD                                | Microsemi Analog Mixed Signal Group UC3844AD | Microsemi Analog Mixed Signal Group [MIL] UC3844AD |
| Microsemi Consumer Medical Product Group UC3844AD | Microsemi HI-REL [MIL] UC3844AD              | Microsemi Power Management Group UC3844AD          |
| Microsemi Power Products Group UC3844AD           | Microsemi SoC UC3844AD                       | Microsemi Commercial Components Group UC3844AD     |
| Microsemi Corporation UC3844AD                    | Microsemi Solutions Sdn Bhd. UC3844AD        |                                                    |

Related Products

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|  <div><b>UC3843N</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DIP<br/>In stock: 61511 pcs</div> <div>RFQ</div>                    |  <div><b>UC3843DTRG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 204304 pcs</div> <div>RFQ</div>                    |
|  <div><b>UC3844AD1</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO 8SOIC<br/>In stock: 267682 pcs</div> <div>RFQ</div> |  <div><b>UC3844AD8TRG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 164952 pcs</div> <div>RFQ</div>                     |
|  <div><b>UC3843N</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR 8DIP<br/>In stock: 3829 pcs</div> <div>RFQ</div>  |  <div><b>UC3844AD</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR PWM CM 14SOIC<br/>In stock: 134448 pcs</div> <div>RFQ</div>                         |
|  <div><b>UC3844AD8TR</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 182632 pcs</div> <div>RFQ</div>                     |  <div><b>UC3844AD8</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 75924 pcs</div> <div>RFQ</div>                          |
|  <div><b>UC3844AD8G4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 103449 pcs</div> <div>RFQ</div>                     |  <div><b>UC3843NG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DIP<br/>In stock: 119109 pcs</div> <div>RFQ</div>                   |
|  <div><b>UC3843DTR</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 75703 pcs</div> <div>RFQ</div>                     |  <div><b>UC3843DX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR 14SOIC<br/>In stock: 5393 pcs</div> <div>RFQ</div> |

