



Microsemi



UC3845AD

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC3845AD                                                                                                     |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC REG CTRLR BUCK/BOOST 14SOIC                                                                               |
| Datasheets:         |  UC3845AD.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 20801 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

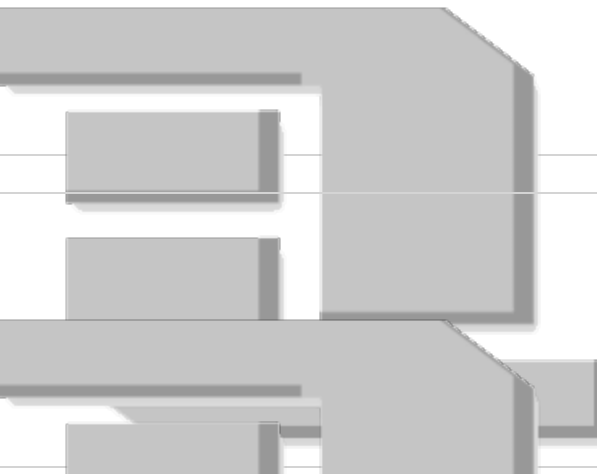
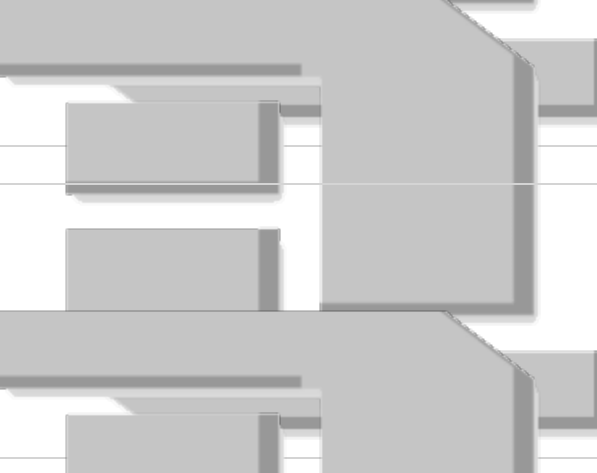
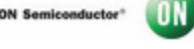
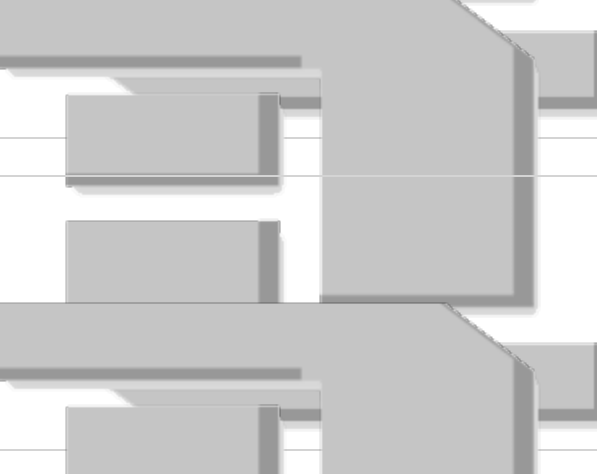
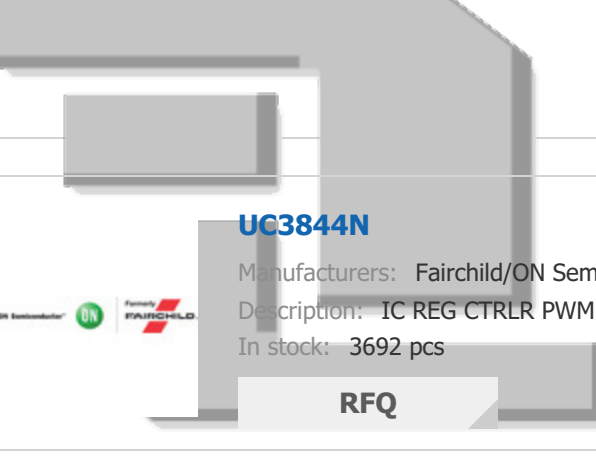
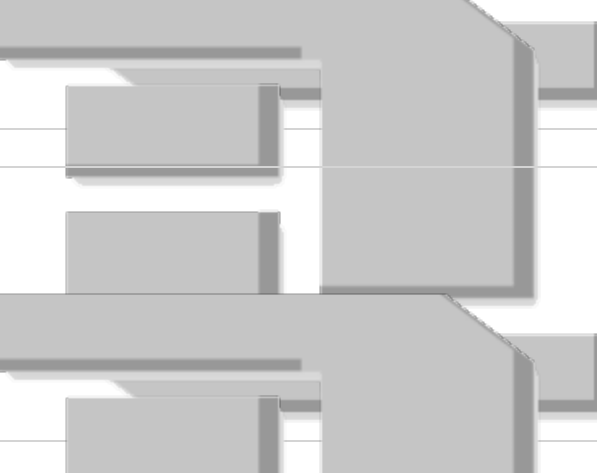
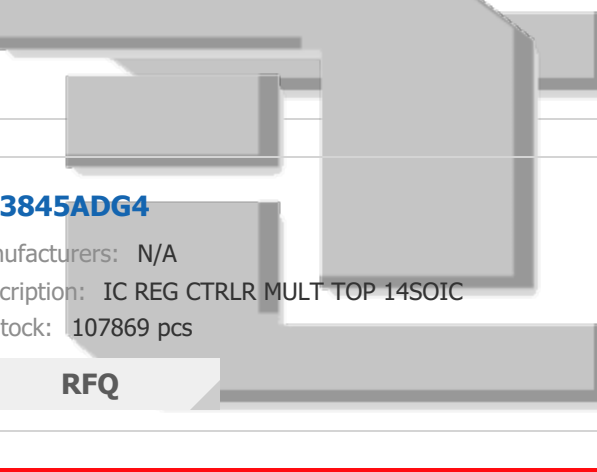
Specifications of UC3845AD

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3845AD                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                        |
| DESCRIPTION                      | IC REG CTRLR BUCK/BOOST 14SOIC                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 20801 pcs                                                                                        |
| DATA SHEET                       |  UC3845AD.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 30 V                                                                                     |
| TOPOLOGY                         | Buck, Boost                                                                                      |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                          |
| SERIES                           | -                                                                                                |
| SERIAL INTERFACES                | -                                                                                                |
| PACKAGING                        | Tube                                                                                             |
| PACKAGE / CASE                   | -                                                                                                |
| OUTPUT TYPE                      | Transistor Driver                                                                                |
| OUTPUT PHASES                    | 1                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                         |
| 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                                                                               |
| FREQUENCY - SWITCHING            | 500kHz                                                                                           |
| DUTY CYCLE (MAX)                 | 48%                                                                                              |
| DETAILED DESCRIPTION             | Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC 14-SOIC             |
| CONTROL FEATURES                 | -                                                                                                |
| CLOCK SYNC                       | No                                                                                               |
| BASE PART NUMBER                 | UC*84                                                                                            |

Related Tags

|                                                   |                                              |                                                    |
|---------------------------------------------------|----------------------------------------------|----------------------------------------------------|
| Microsemi UC3845AD                                | UC3845AD Distributor                         | UC3845AD Supplier                                  |
| UC3845AD Price                                    | UC3845AD Pictures                            | UC3845AD Image                                     |
| UC3845AD PDF Datasheet                            | UC3845AD Download Datasheet                  | UC3845AD Datasheet                                 |
| UC3845AD Stock                                    | Buy UC3845AD                                 | Buy Microsemi UC3845AD                             |
| Microsemi UC3845AD                                | Microsemi Supplier                           | Microsemi Distributor                              |
| Microsemi UC3845AD                                | Microsemi Analog Mixed Signal Group UC3845AD | Microsemi Analog Mixed Signal Group [MIL] UC3845AD |
| Microsemi Consumer Medical Product Group UC3845AD | Microsemi HI-REL [MIL] UC3845AD              | Microsemi Power Management Group UC3845AD          |
| Microsemi Power Products Group UC3845AD           | Microsemi SoC UC3845AD                       | Microsemi Commercial Components Group UC3845AD     |
| Microsemi Corporation UC3845AD                    | Microsemi Solutions Sdn Bhd. UC3845AD        |                                                    |

Related Products

|                                                                                                                            |                                                                                                                                   |                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          | <b>UC3845AD8TR</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br>In stock: 83388 pcs<br><b>RFQ</b>    |  <b>UC3844N</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-DIP<br>In stock: 2803 pcs<br><b>RFQ</b>    |
|                                          | <b>UC3845AD8TRG4</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br>In stock: 180620 pcs<br><b>RFQ</b> |  <b>UC3844DX</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 14-SOIC<br>In stock: 4852 pcs<br><b>RFQ</b> |
|                                          | <b>UC3845AD8G4</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br>In stock: 112603 pcs<br><b>RFQ</b>   |  <b>UC3844N</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR PWM CM 8DIP<br>In stock: 57276 pcs<br><b>RFQ</b>                                    |
|                                          | <b>UC3845AD8</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br>In stock: 71366 pcs<br><b>RFQ</b>      |  <b>UC3844N</b><br>Manufacturers: Fairchild/ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-DIP<br>In stock: 3692 pcs<br><b>RFQ</b>              |
|                                          | <b>UC3844NG4</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR PWM CM 8DIP<br>In stock: 118915 pcs<br><b>RFQ</b>             |  <b>UC3844NG</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-DIP<br>In stock: 5485 pcs<br><b>RFQ</b>   |
| <b>UC3845ADG4</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOP 14SOIC<br>In stock: 107869 pcs<br><b>RFQ</b> |                                                                                                                                   | <b>UC3845AD</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOP 14SOIC<br>In stock: 102457 pcs<br><b>RFQ</b>                                                                                                                   |

