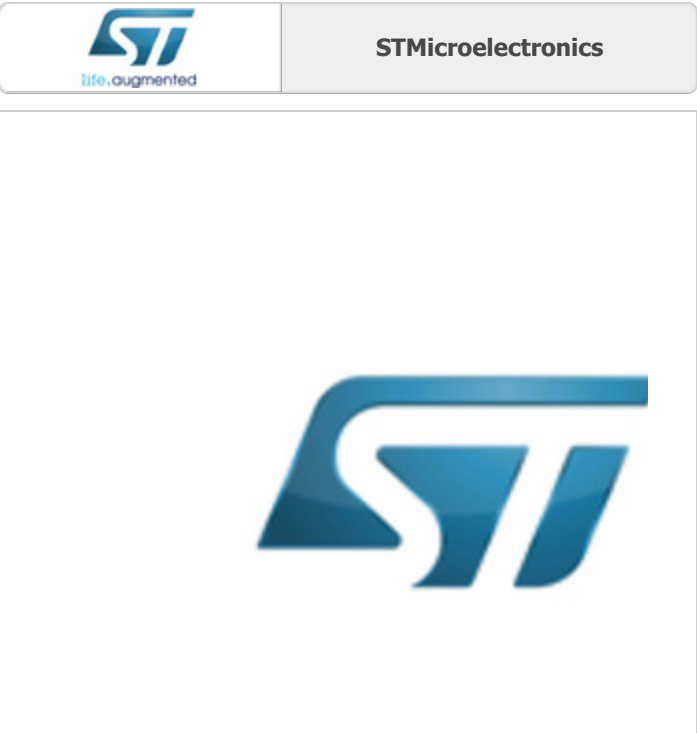




UC3844BN

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | UC3844BN                      |
| Manufacturer/Brand: | STMicroelectronics            |
| Product description | IC REG CTRLR PWM CM 8-MINIDIP |
| Datasheets:         | UC3844BN.pdf                  |
| RoHs Status         | Lead free / RoHS Compliant    |
| Stock Condition     | 323424 pcs stock              |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of UC3844BN

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3844BN                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                                 |
| DESCRIPTION                      | IC REG CTRLR PWM CM 8-MINIDIP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 323424 pcs                                                                                         |
| DATA SHEET                       | UC3844BN.pdf                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 10 V ~ 30 V                                                                                        |
| TOPOLOGY                         | Boost, Flyback                                                                                     |
| SYNCHRONOUS RECTIFIER            | No                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-Mini DIP                                                                                         |
| SERIES                           | -                                                                                                  |
| SERIAL INTERFACES                | -                                                                                                  |
| PACKAGING                        | Tube                                                                                               |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                             |
| OUTPUT TYPE                      | Transistor Driver                                                                                  |
| OUTPUT PHASES                    | 1                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                           |
| OTHER NAMES                      | 497-6787-5<br>UC3844BNST<br>UC3844BNST-ND                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TJ)                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS 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-Mini DIP |
| CONTROL FEATURES                 | Frequency Control                                                                                  |
| CLOCK SYNC                       | No                                                                                                 |
| BASE PART NUMBER                 | UC3844B                                                                                            |

Related Tags

|                             |                             |                                 |
|-----------------------------|-----------------------------|---------------------------------|
| STMicroelectronics UC3844BN | UC3844BN Distributor        | UC3844BN Supplier               |
| UC3844BN Price              | UC3844BN Pictures           | UC3844BN Image                  |
| UC3844BN PDF Datasheet      | UC3844BN Download Datasheet | UC3844BN Datasheet              |
| UC3844BN Stock              | Buy UC3844BN                | Buy STMicroelectronics UC3844BN |
| STMicroelectronics UC3844BN | STMicroelectronics Supplier | STMicroelectronics Distributor  |
| STMicroelectronics UC3844BN |                             |                                 |

Related Products

|                                                                                                                                                                 |                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>UC3844BNST</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG CTRLR PWM CM 8-MINIDIP<br>In stock: 105129 pcs<br><b>RFQ</b>                  | <br><b>UC3844BVD1</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-SOIC<br>In stock: 123816 pcs<br><b>RFQ</b>   |
| <br><b>UC3844BVD1G</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-SOIC<br>In stock: 131200 pcs<br><b>RFQ</b>  | <br><b>UC3844BNG</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-DIP<br>In stock: 156912 pcs<br><b>RFQ</b>     |
| <br><b>UC3844BVD</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 14-SOIC<br>In stock: 103994 pcs<br><b>RFQ</b>   | <br><b>UC3844BD1R2</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-SOIC<br>In stock: 182286 pcs<br><b>RFQ</b>  |
| <br><b>UC3844BVD1R2</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-SOIC<br>In stock: 177703 pcs<br><b>RFQ</b> | <br><b>UC3844BDG</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 14-SOIC<br>In stock: 157477 pcs<br><b>RFQ</b>   |
| <br><b>UC3844BN</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-DIP<br>In stock: 5411 pcs<br><b>RFQ</b>        | <br><b>UC3844BDR2</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-SOIC<br>In stock: 3289 pcs<br><b>RFQ</b>     |
| <br><b>UC3844BDR2G</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 14-SOIC<br>In stock: 396812 pcs<br><b>RFQ</b> | <br><b>UC3844BD1R2G</b><br>Manufacturers: AMI Semiconductor / ON Semiconductor<br>Description: IC REG CTRLR PWM CM 8-SOIC<br>In stock: 490809 pcs<br><b>RFQ</b> |