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STMicroelectronics



### E-UC2842BN

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | E-UC2842BN                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | IC REG CTRLR PWM CM 8-MINIDIP                                                                                    |
| Datasheets:         |  <a href="#">E-UC2842BN.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 214518 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

#### Specifications of E-UC2842BN

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | E-UC2842BN                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                 |
| DESCRIPTION                      | IC REG CTRLR PWM CM 8-MINIDIP                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 214518 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">E-UC2842BN.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 10 V ~ 30 V                                                                                                        |
| VOLTAGE - START UP               | 16V                                                                                                                |
| VOLTAGE - BREAKDOWN              | -                                                                                                                  |
| TOPOLOGY                         | Forward                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 8-Mini DIP                                                                                                         |
| SERIES                           | -                                                                                                                  |
| PACKAGING                        | Tube                                                                                                               |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                                             |
| OUTPUT ISOLATION                 | Isolated                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                 |
| MOUNTING TYPE                    | Through Hole                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| INTERNAL SWITCH(S)               | No                                                                                                                 |
| FREQUENCY - SWITCHING            | Up to 500kHz                                                                                                       |
| FAULT PROTECTION                 | Current Limiting                                                                                                   |
| DUTY CYCLE                       | 96%                                                                                                                |
| DETAILED DESCRIPTION             | Converter Offline Forward Topology Up to 500kHz 8-Mini DIP                                                         |
| CONTROL FEATURES                 | Frequency Control                                                                                                  |
| BASE PART NUMBER                 | UC2842B                                                                                                            |

#### Related Tags

|                               |                               |                                   |
|-------------------------------|-------------------------------|-----------------------------------|
| STMicroelectronics E-UC2842BN | E-UC2842BN Distributor        | E-UC2842BN Supplier               |
| E-UC2842BN Price              | E-UC2842BN Pictures           | E-UC2842BN Image                  |
| E-UC2842BN PDF Datasheet      | E-UC2842BN Download Datasheet | E-UC2842BN Datasheet              |
| E-UC2842BN Stock              | Buy E-UC2842BN                | Buy STMicroelectronics E-UC2842BN |
| STMicroelectronics E-UC2842BN | STMicroelectronics Supplier   | STMicroelectronics Distributor    |
| STMicroelectronics E-UC2842BN |                               |                                   |

#### Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
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| <div></div> <div><b>E-UC2842BD1013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO 8SOIC<br/>In stock: 203123 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>E-UC2843BD1013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 205540 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>E-UC2844BD1</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO 8SOIC<br/>In stock: 231087 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>E-UC2845BD1013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 82614 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>E-UC2845BN</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST/FLYBK 8-MINIDIP<br/>In stock: 84059 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>E-UC2843BN</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST/FLYBK 8-MINIDIP<br/>In stock: 205799 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>E-UC2844BN</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR PWM CM 8-MINIDIP<br/>In stock: 217627 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>E-UC2842BD1</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO 8SOIC<br/>In stock: 221369 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>E-UC3842BD1</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO 8SOIC<br/>In stock: 274242 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>E-UC2845BD1</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 243069 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>E-UC2844BD1013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO 8SOIC<br/>In stock: 224133 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>E-UC2843BD1</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 231889 pcs<br/><div>RFQ</div></div>      |