

MICROCHIP

Micrel / Microchip Technology

### MIC4575-3.3BU

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC4575-3.3BU                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC REG BCK BST 3.3V 1.7A TO263-5                                                                                     |
| Datasheets:         |  <a href="#">MIC4575-3.3BU.pdf</a>  |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 37665 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of MIC4575-3.3BU

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC4575-3.3BU                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                             |
| DESCRIPTION                      | IC REG BCK BST 3.3V 1.7A TO263-5                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                        |
| QUANTITY AVAILABLE               | 37665 pcs                                                                                                                                 |
| DATA SHEET                       |  <a href="#">MIC4575-3.3BU.pdf</a>                     |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.3V                                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                         |
| VOLTAGE - INPUT (MIN)            | 4V                                                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 24V                                                                                                                                       |
| TOPOLOGY                         | Buck, Buck-Boost                                                                                                                          |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | TO-263-5                                                                                                                                  |
| SERIES                           | -                                                                                                                                         |
| PACKAGING                        | Bulk                                                                                                                                      |
| PACKAGE / CASE                   | TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA                                                                                    |
| OUTPUT TYPE                      | Fixed                                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                         |
| NUMBER OF OUTPUTS                | 1                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                        |
| FUNCTION                         | Step-Down, Step-Up/Step-Down                                                                                                              |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                                                    |
| DETAILED DESCRIPTION             | Buck, Buck-Boost Switching Regulator IC Positive Fixed 3.3V 1 Output 1.7A (Switch) TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA |
| CURRENT - OUTPUT                 | 1.7A (Switch)                                                                                                                             |
| BASE PART NUMBER                 | MIC4575                                                                                                                                   |

#### Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC4575-3.3BU | MIC4575-3.3BU Distributor              | MIC4575-3.3BU Supplier                               |
| MIC4575-3.3BU Price                         | MIC4575-3.3BU Pictures                 | MIC4575-3.3BU Image                                  |
| MIC4575-3.3BU PDF Datasheet                 | MIC4575-3.3BU Download Datasheet       | MIC4575-3.3BU Datasheet                              |
| MIC4575-3.3BU Stock                         | Buy MIC4575-3.3BU                      | Buy Micrel / Microchip Technology MIC4575-3.3BU      |
| Micrel / Microchip Technology MIC4575-3.3BU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC4575-3.3BU | Microchip Technology MIC4575-3.3BU     | Roving Networks / Microchip Technology MIC4575-3.3BU |

#### Related Products

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|  <div><b>MIC4574YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.5A 8DIP<br/>In stock: 40905 pcs</div> <div>RFQ</div>               |  <div><b>MIC4574BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.5A 8DIP<br/>In stock: 32274 pcs</div> <div>RFQ</div>               |
|  <div><b>MIC4574-3.3YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 0.5A 8DIP<br/>In stock: 39297 pcs</div> <div>RFQ</div>          |  <div><b>MIC4574-5.0YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 0.5A 8DIP<br/>In stock: 32081 pcs</div> <div>RFQ</div>            |
|  <div><b>MIC4575-3.3BU TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK BST 3.3V 1.7A TO263-5<br/>In stock: 36774 pcs</div> <div>RFQ</div> |  <div><b>MIC4574-5.0BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 0.5A 8DIP<br/>In stock: 33284 pcs</div> <div>RFQ</div>            |
|  <div><b>MIC4575-3.3WT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK BST 3.3V 1.7A TO220-5<br/>In stock: 32153 pcs</div> <div>RFQ</div>   |  <div><b>MIC4575-3.3WU-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK BST 3.3V 1.7A TO263-5<br/>In stock: 37552 pcs</div> <div>RFQ</div> |
|  <div><b>MIC4575-5.0BT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK BOOST 5V 1.7A TO220-5<br/>In stock: 32300 pcs</div> <div>RFQ</div>   |  <div><b>MIC4575-5.0BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK BOOST 5V 1.7A TO263-5<br/>In stock: 32175 pcs</div> <div>RFQ</div>    |
|  <div><b>MIC4575-3.3WU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK BST 3.3V 1.7A TO263-5<br/>In stock: 30742 pcs</div> <div>RFQ</div>    |  <div><b>MIC4575-3.3BT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK BST 3.3V 1.7A TO220-5<br/>In stock: 37356 pcs</div> <div>RFQ</div>    |