



Micrel / Microchip Technology

MIC2177-5.0YWM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2177-5.0YWM                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG BUCK 5V 2.5A 20SOIC                                                                                   |
| Datasheets:         |  MIC2177-5.0YWM.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| 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 MIC2177-5.0YWM

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2177-5.0YWM                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                          |
| DESCRIPTION                      | IC REG BUCK 5V 2.5A 20SOIC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  MIC2177-5.0YWM.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                      |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                   |
| VOLTAGE - INPUT (MAX)            | 16.5V                                                                                                  |
| TOPOLOGY                         | Buck                                                                                                   |
| SYNCHRONOUS RECTIFIER            | No                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                                                |
| SERIES                           | -                                                                                                      |
| PACKAGING                        | Tube                                                                                                   |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                                         |
| OUTPUT TYPE                      | Fixed                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                               |
| OTHER NAMES                      | 1611-MIC2177-5.0YWM                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| FUNCTION                         | Step-Down                                                                                              |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                 |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 5V 1 Output 2.5A 20-SOIC (0.295", 7.50mm Width)             |
| CURRENT - OUTPUT                 | 2.5A                                                                                                   |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology MIC2177-5.0YWM | MIC2177-5.0YWM Distributor             | MIC2177-5.0YWM Supplier                               |
| MIC2177-5.0YWM Price                         | MIC2177-5.0YWM Pictures                | MIC2177-5.0YWM Image                                  |
| MIC2177-5.0YWM PDF Datasheet                 | MIC2177-5.0YWM Download Datasheet      | MIC2177-5.0YWM Datasheet                              |
| MIC2177-5.0YWM Stock                         | Buy MIC2177-5.0YWM                     | Buy Micrel / Microchip Technology MIC2177-5.0YWM      |
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| Micrel / Microchip Technology MIC2177-5.0YWM | Microchip Technology MIC2177-5.0YWM    | Roving Networks / Microchip Technology MIC2177-5.0YWM |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC2177-5.0BWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MIC2177-3.3YWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MIC2177BWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>         |  <div><b>MIC2178-3.3BWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MIC2177-3.3BWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC2177-3.3YWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: 937 pcs<br/>RFQ</div> |
|  <div><b>MIC2177YWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2.5A 20SOIC<br/>In stock: 234 pcs<br/>RFQ</div>           |  <div><b>MIC2177BWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MIC2177-5.0YWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MIC2177-5.0BWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MIC2177YWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MIC2177-3.3BWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: Out stock<br/>RFQ</div>  |