



Micrel / Microchip Technology



MIC2177YWM-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2177YWM-TR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG BUCK ADJ 2.5A 20SOIC                                                                                  |
| Datasheets:         |  MIC2177YWM-TR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 22893 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 MIC2177YWM-TR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2177YWM-TR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC REG BUCK ADJ 2.5A 20SOIC                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 22893 pcs                                                                                             |
| DATA SHEET                       |  MIC2177YWM-TR.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.245V                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | 16.5V                                                                                                 |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 16.5V                                                                                                 |
| TOPOLOGY                         | Buck                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                                               |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                                        |
| OUTPUT TYPE                      | Adjustable                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OTHER NAMES                      | 576-1543-2<br>MIC2177YWM TR<br>MIC2177YWMTR<br>MIC2177YWMTR-ND                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| FUNCTION                         | Step-Down                                                                                             |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 1.245V 1 Output 2.5A 20-SOIC (0.295", 7.50mm Width)   |
| CURRENT - OUTPUT                 | 2.5A                                                                                                  |
| BASE PART NUMBER                 | MIC2177                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC2177YWM-TR | MIC2177YWM-TR Distributor              | MIC2177YWM-TR Supplier                               |
| MIC2177YWM-TR Price                         | MIC2177YWM-TR Pictures                 | MIC2177YWM-TR Image                                  |
| MIC2177YWM-TR PDF Datasheet                 | MIC2177YWM-TR Download Datasheet       | MIC2177YWM-TR Datasheet                              |
| MIC2177YWM-TR Stock                         | Buy MIC2177YWM-TR                      | Buy Micrel / Microchip Technology MIC2177YWM-TR      |
| Micrel / Microchip Technology MIC2177YWM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC2177YWM-TR | Microchip Technology MIC2177YWM-TR     | Roving Networks / Microchip Technology MIC2177YWM-TR |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></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: 12074 pcs<br/>RFQ</div>    | <div></div> <div><b>MIC2178-5.0BWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 2.5A 20SOIC<br/>In stock: 20199 pcs<br/>RFQ</div> |
| <div></div> <div><b>MIC2178-3.3BWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: 20852 pcs<br/>RFQ</div> | <div></div> <div><b>MIC2177-5.0YWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 2.5A 20SOIC<br/>In stock: 33310 pcs<br/>RFQ</div>    |
| <div></div> <div><b>MIC2177BWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2.5A 20SOIC<br/>In stock: 18114 pcs<br/>RFQ</div>      | <div></div> <div><b>MIC2178-5.0BWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 2.5A 20SOIC<br/>In stock: 12476 pcs<br/>RFQ</div>    |
| <div></div> <div><b>MIC2178-3.3YWM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: 23466 pcs<br/>RFQ</div> | <div></div> <div><b>MIC2177YWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2.5A 20SOIC<br/>In stock: 15230 pcs<br/>RFQ</div>       |
| <div></div> <div><b>MIC2177BWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2.5A 20SOIC<br/>In stock: 14687 pcs<br/>RFQ</div>         | <div></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: 17551 pcs<br/>RFQ</div> |
| <div></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: 20937 pcs<br/>RFQ</div>   | <div></div> <div><b>MIC2178-3.3YWM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2.5A 20SOIC<br/>In stock: 34775 pcs<br/>RFQ</div>  |