

MIC2177BWM



Part Number: [MIC2177BWM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BUCK ADJ 2.5A 20SOIC

Data sheet:  [MIC2177](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                     |                                |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | MIC2177BWM                                                                                          | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG BUCK ADJ 2.5A 20SOIC                                                                         | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 14426 pcs                                                                                           | Data sheet                     | <a href="#">MIC2177</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                                           | 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                      | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 20-SOIC (0.295", 7.50mm Width)                                                                      | Output Type                    | Adjustable                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                | Positive                                                                                            | Operating Temperature          | -40°C ~ 125°C (TJ)                            |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                                                                   | Mounting Type                  | Surface Mount                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                                                                                       | Lead Free Status / RoHS Status | Contains lead / RoHS non-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                                                                                             |                                |                                               |
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|  | Part#: <a href="#">MIC2178-3.3YWM-TR</a><br>Description: IC REG BUCK 3.3V 2.5A 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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