

MIC2178YWM-TR



Images are for reference only.  
See Product Specifications for product details.  
Buy MIC2178YWM-TR with confidence from  
Component-World.HK, 1 Year Warranty



**Part Number:** [MIC2178YWM-TR](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC REG BUCK ADJ 2.5A 20SOIC

**Data sheet:**  [MIC2178](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                     |                                  |                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MIC2178YWM-TR                                                                                       | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG BUCK ADJ 2.5A 20SOIC                                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22725 pcs                                                                                           | Data sheet                       | <a href="#">MIC2178</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                        | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20-SOIC (0.295", 7.50mm Width)                                                                      | Output Type                      | Adjustable                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Positive                                                                                            | Other Names                      | MIC2178YWM TR<br>MIC2178YWM TR-ND<br>MIC2178YWMTR<br>MIC2178YWMTR-ND |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 Weeks                                                                                             | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MIC2178                                                                                             |                                  |                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 22725 pieces of Micrel / Microchip Technology MIC2178YWM-TR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                     |                                  |                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MIC2178YWM</a><br>Description: IC REG BUCK ADJ 2.5A 20SOIC         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179BSM-TR</a><br>Description: IC REG BUCK ADJ 1.5A 20SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178-3.3BWM-TR</a><br>Description: IC REG BUCK 3.3V 2.5A 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-3.3BSM</a><br>Description: IC REG BUCK 3.3V 1.5A 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178BWM-TR</a><br>Description: IC REG BUCK ADJ 2.5A 20SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-5.0YSM-TR</a><br>Description: IC REG BUCK 5V 1.5A 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178-3.3YWM</a><br>Description: IC REG BUCK 3.3V 2.5A 20SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178-5.0BWM</a><br>Description: IC REG BUCK 5V 2.5A 20SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178-5.0YWM</a><br>Description: IC REG BUCK 5V 2.5A 20SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178-5.0BWM-TR</a><br>Description: IC REG BUCK 5V 2.5A 20SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178-5.0YWM-TR</a><br>Description: IC REG BUCK 5V 2.5A 20SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-3.3YSM</a><br>Description: IC REG BUCK 3.3V 1.5A 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-5.0BSM-TR</a><br>Description: IC REG BUCK 5V 1.5A 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179BSM</a><br>Description: IC REG BUCK ADJ 1.5A 20SSOP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-3.3YSM-TR</a><br>Description: IC REG BUCK 3.3V 1.5A 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-5.0YSM</a><br>Description: IC REG BUCK 5V 1.5A 20SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | 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> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-5.0BSM</a><br>Description: IC REG BUCK 5V 1.5A 20SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2178BWM</a><br>Description: IC REG BUCK ADJ 2.5A 20SOIC         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2179-3.3BSM-TR</a><br>Description: IC REG BUCK 3.3V 1.5A 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

|                                             |                                    |                                        |                     |
|---------------------------------------------|------------------------------------|----------------------------------------|---------------------|
| Related keywords for MIC2178YWM-TR          |                                    |                                        |                     |
| Micrel / Microchip Technology MIC2178YWM-TR | MIC2178YWM-TR distributor          | MIC2178YWM-TR supplier                 | MIC2178YWM-TR price |
| MIC2178YWM-TR download datasheet            | MIC2178YWM-TR datasheet            | MIC2178YWM-TR stock                    | buy MIC2178YWM-TR   |
| Micrel / Microchip Technology MIC2178YWM-TR | Microchip Technology MIC2178YWM-TR | Roving Networks / Microchip Technology |                     |
|                                             |                                    | MIC2178YWM-TR                          |                     |