

IC Components Limited

**MIC2182-5.0BM**

|                                 |  |
|---------------------------------|--|
| Manufacturer Part Number:       | MIC2182-5.0BM                          |
| Manufacturer / Brand            | Micrel / Microchip Technology          |
| Part of Description:            | IC REG CTRLR BUCK 16SOIC               |
| Datasheets:                     | MIC2182-5.0BM.pdf                      |
| Lead Free Status / RoHS Status: | Contains lead / RoHS non-compliant     |
| Stock Condition:                | New original, 500 pcs Stock Available. |
| Ship From:                      | Hong Kong                              |
| Shipment Way:                   | DHL/Fedex/TNT/UPS                      |

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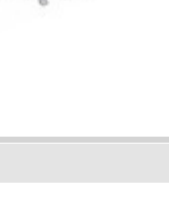
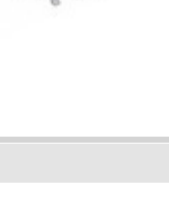
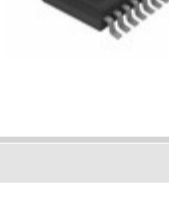

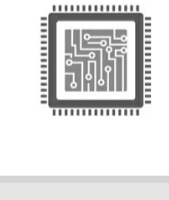




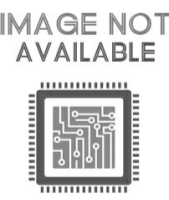


The specifications of MIC2182-5.0BM

|                                |  |                                  |  |
|--------------------------------|--|----------------------------------|--|
| Part Number                    | MIC2182-5.0BM  | Manufacturer / Brand             | Micrel / Microchip Technology  |
| Series                         | -  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)  |
| Base Part Number               | MIC2182  | Package / Case                   | 16-SOIC (0.154", 3.90mm Width)                                       |
| Packaging                      | Tube   | Supplier Device Package          | 16-SOIC  |
| Operating Temperature          | -40°C ~ 85°C (TA)  | Detailed Description             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC |
| Output Type                    | Transistor Driver  | Function                         | Step-Down  |
| Frequency - Switching          | 300kHz   | Number of Outputs                | 1  |
| Output Configuration           | Positive   | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 32 V   |
| Topology                       | Buck   | Control Features                 | Enable, Soft Start   |
| Output Phases                  | 1  | Duty Cycle (Max)                 | 86%  |
| Synchronous Rectifier          | Yes  | Clock Sync                       | Yes  |
| Serial Interfaces              | -  | Stock Quantity                   | 500 pcs Stock  |
| Category                       | <a href="#">Integrated Circuits (ICs) &gt; PMIC - Voltage Regulators - DC DC Switching Controllers</a> | Description                      | IC REG CTRLR BUCK 16SOIC   |
| Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant   |                                  |  |

Keywords realted to MIC2182-5.0BM

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|--|--|--|--|
| <a href="#">Micrel / Microchip Technology MIC2182-5.0BM</a>          | <a href="#">MIC2182-5.0BM part</a>                         | <a href="#">MIC2182-5.0BM Price</a>                | <a href="#">MIC2182-5.0BM Distributor</a>          |
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|--|---|--|
|  <p><b>MIC2179YSM TR</b><br/>Description: MIC2179YSM TR MICREL SSOP20<br/>Manufacturers: MICREL<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                          |  <p><b>MIC2179-5.0BSM</b><br/>Description: IC REG BUCK 5V 1.5A 20SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 200 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p> |  <p><b>MIC2182YM</b><br/>Description: IC REG CTRLR BUCK 16SOIC<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 56800 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>         |
|  <p><b>MIC2179-3.3YSM</b><br/>Description: IC REG BUCK 3.3V 1.5A 20SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 200 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p> |  <p><b>MIC2182YM-TR</b><br/>Description: IC REG CTRLR BUCK 16SOIC<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 6400 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>    |  <p><b>MIC2181YM</b><br/>Description: MIC2181YM MICREL SOP-14<br/>Manufacturers: MICREL<br/>In Stock: New original, 4000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                                  |
|  <p><b>MIC2182-5.0BSM</b><br/>Description: IC REG CTRLR BUCK 16SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 500 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>     |  <p><b>MIC2179BSMTR</b><br/>Description: MIC2179BSMTR MICREL SSOP<br/>Manufacturers: MICREL<br/>In Stock: New original, 6400 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                           |  <p><b>MIC2183BQS</b><br/>Description: IC REG CTRLR BUCK 16QSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 500 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>          |
|  <p><b>MIC2179-5.0YSM</b><br/>Description: IC REG BUCK 5V 1.5A 20SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 1300 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>  |  <p><b>MIC2179YSM</b><br/>Description: IC REG BUCK ADJ 1.5A 20SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 5000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>   |  <p><b>MIC2182BSMTR</b><br/>Description: MIC2182BSMTR MICREL SOP-16<br/>Manufacturers: MICREL<br/>In Stock: New original, 2000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                            |
|  <p><b>MIC2182BSM</b><br/>Description: IC REG CTRLR BUCK 16SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 1000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>        |  <p><b>MIC2183YQS</b><br/>Description: IC REG CTRLR BUCK 16QSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 4200 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>      |  <p><b>MIC2179-5.0YSM-TR</b><br/>Description: IC REG BUCK 5V 1.5A 20SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p> |
|  <p><b>MIC2182-5.0YM</b><br/>Description: IC REG CTRLR BUCK 16SOIC<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 1000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>     |  <p><b>MIC2182-3.3YM</b><br/>Description: IC REG CTRLR BUCK 16SOIC<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 1200 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>   |  <p><b>MIC2179BSM</b><br/>Description: IC REG BUCK ADJ 1.5A 20SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 1000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>      |
|  <p><b>MIC2184BQS</b><br/>Description: IC REG CTRLR BUCK 16QSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 2500 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>        |  <p><b>MIC2179-5.0YSMTR</b><br/>Description: MIC2179-5.0YSMTR Micrel 20SSOP<br/>Manufacturers: Micrel<br/>In Stock: New original, 1000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                 |  <p><b>MIC2179-3.3BSM</b><br/>Description: IC REG BUCK 3.3V 1.5A 20SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 2400 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p> |
|  <p><b>MIC2182BM TR</b><br/>Description: MIC2182BM TR MICREL SOP-16<br/>Manufacturers: MICREL<br/>In Stock: New original, 2300 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                           |  <p><b>MIC2182BSM TR</b><br/>Description: IC REG CTRLR BUCK 16SOIC<br/>Manufacturers: MICREL<br/>In Stock: New original, 500 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                           |  <p><b>MIC2182BM</b><br/>Description: IC REG CTRLR BUCK 16SOIC<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 5600 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>          |
|  <p><b>MIC2182-3.3YSMTR</b><br/>Description: MIC2182-3.3YSMTR MICREL SSOP16<br/>Manufacturers: MICREL<br/>In Stock: New original, 2500 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                   |  <p><b>MIC2182-3.3BM</b><br/>Description: IC REG CTRLR BUCK 16SOIC<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 2000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>   |  <p><b>MIC2182YM TR</b><br/>Description: MIC2182YM TR MICREL SOP-16<br/>Manufacturers: MICREL<br/>In Stock: New original, 11500 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                           |
|  <p><b>MIC2182-3.3BSM</b><br/>Description: IC REG CTRLR BUCK 16SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 200 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>     |  <p><b>MIC2182BMTR</b><br/>Description: MIC2182BMTR MICREL SOIC-16L<br/>Manufacturers: MICREL<br/>In Stock: New original, 10000 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>                        |  <p><b>MIC2182YSM</b><br/>Description: IC REG CTRLR BUCK 16SSOP<br/>Manufacturers: Micrel / Microchip Technology<br/>In Stock: New original, 3400 pcs Stock Available.<br/>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>         |



**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
TEL: 00 852 - 30501935  
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong