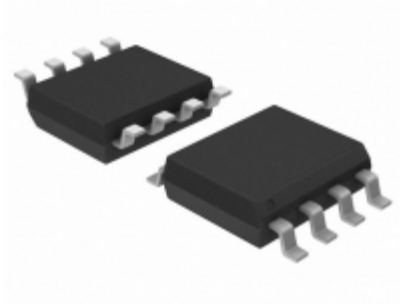


MIC4101BM





Part Number: [MIC4101BM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DRIVER MOSFET 100V TTL 8-SOIC

Data sheet:  [MIC4100, MIC4101](#)

RoHs Status: Contains lead / RoHS non-compliant

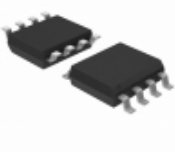
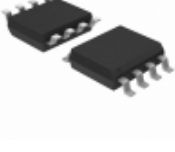
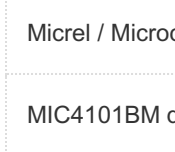
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MIC4101BM                                 | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC DRIVER MOSFET 100V TTL 8-SOIC          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 34255 pcs                                 | Data sheet                     | <a href="#">MIC4100, MIC4101</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 9 V ~ 16 V                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-SOIC                                    | Series                         | -                                               |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 400ns, 400ns                              | Packaging                      | Tube                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-SOIC (0.154", 3.90mm Width)             | Operating Temperature          | -40°C ~ 125°C (TJ)                              |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                         | Mounting Type                  | Surface Mount                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Logic Voltage - VIL, VIH       | 0.8V, 2.2V                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Contains lead / RoHS non-compliant        | Input Type                     | Non-Inverting                                   |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                                                               | 118V                                      | Gate Type                      | N-Channel MOSFET                                |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Half-Bridge                               | Detailed Description           | Half-Bridge Gate Driver IC Non-Inverting 8-SOIC |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2A, 2A                                    | Channel Type                   | Independent                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MIC4101                                   |                                |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC4102BM</a><br>Description: IC DRIVER MOSFET 100V TTL 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC3975BMM</a><br>Description: IC REG LIN POS ADJ 750MA 8MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4102YM-TR</a><br>Description: IC DRIVER MOSFET 100V 8-SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4103YM-TR</a><br>Description: IC DRIVER MOSFET 100V CMOS 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4100YM-TR</a><br>Description: IC DRIVER MOSFET 100V CMOS 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4102BM-TR</a><br>Description: IC DRIVER MOSFET 100V 8-SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC3975YMM</a><br>Description: IC REG LIN POS ADJ 750MA 8MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4101BM-TR</a><br>Description: IC DRIVER MOSFET 100V TTL 8-SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4100BMTR</a><br>Description: IC DRIVER MOSFET 100V CMOS 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC3975BMM-TR</a><br>Description: IC REG LIN POS ADJ 750MA 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4101YM</a><br>Description: IC MOSFET DVR HALF BRIDGE 8-SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC3975YMM-TR</a><br>Description: IC REG LIN POS ADJ 750MA 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4043BM4 TR</a><br>Description: IC REG SHUNT LOW VOLT SOT-143   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4101YM-TR</a><br>Description: IC DRIVER MOSFET 100V TTL 8-SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4043YM4-TR</a><br>Description: IC REG SHUNT LOW VOLT SOT-143   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4100BM</a><br>Description: IC DRIVER MOSFET 100V CMOS 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4102YM</a><br>Description: IC DRIVER MOSFET 100V TTL 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4104YM</a><br>Description: IC MOSFET DRIVER 100V TTL 8-SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4100YM</a><br>Description: IC DRIVER MOSFET 100V CMOS 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4103YM</a><br>Description: IC MOSFET DRIVER 100V CMOS 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for MIC4101BM          |                                |                                        |                 |
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