

MIC4101YM-TR





Part Number: [MIC4101YM-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DRIVER MOSFET 100V TTL 8-SOIC

Data sheet:  [MIC4100, MIC4101](#)

RoHs Status: Lead free / RoHS Compliant

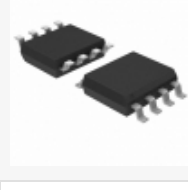
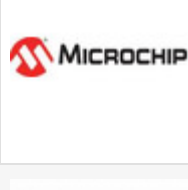
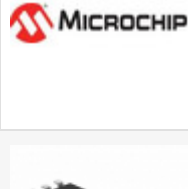
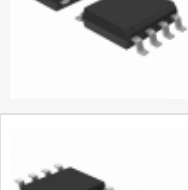
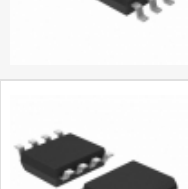
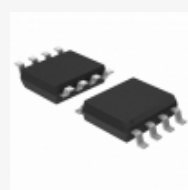
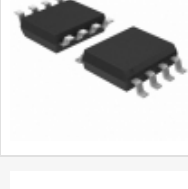
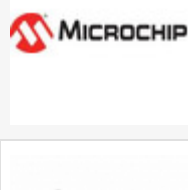
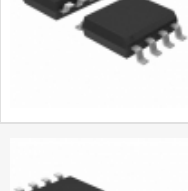
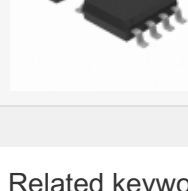
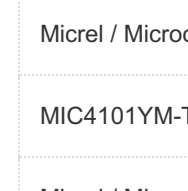
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MIC4101YM-TR                              | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC DRIVER MOSFET 100V TTL 8-SOIC          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 63784 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                        | Tape & Reel (TR)                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8-SOIC (0.154", 3.90mm Width)             | Other Names                      | MIC4101YM TR<br>MIC4101YM TR-ND<br>MIC4101YMTR<br>MIC4101YMTR-ND |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 125°C (TJ)                        | Number of Drivers                | 2                                                                |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 18 Weeks                                  | Logic Voltage - VIL, VIH         | 0.8V, 2.2V                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS 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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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | 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="#">MIC4120YME</a><br>Description: IC MOSFET DRIVER 6A NONINV 8SOIC    | 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="#">MIC4120YME-TR</a><br>Description: IC DRIVER MOSFET 6A NONINV 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | 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="#">MIC4101BM-TR</a><br>Description: IC DRIVER MOSFET 100V TTL 8-SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC4102BM-TR</a><br>Description: IC DRIVER MOSFET 100V 8-SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC4104YM</a><br>Description: IC MOSFET DRIVER 100V TTL 8-SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC4101YM-TR

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