

MIC4427BMM



Part Number:

MIC4427BMM

Manufacturer:

Micrel / Microchip Technology

Description:

IC DRIVER MOSFET 1.5A DUAL 8MSOP

Data sheet:

 [MIC4426](#), [MIC4427](#), [MIC4428](#)

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

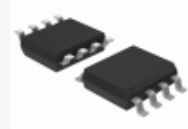
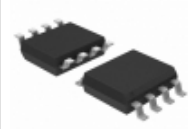
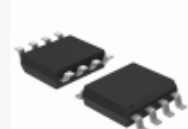
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                                      |                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MIC4427BMM                                   | Manufacturer                         | <a href="#">Micrel / Microchip Technology</a>                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC DRIVER MOSFET 1.5A DUAL 8MSOP             | Lead Free Status / RoHS Status       | Contains lead / RoHS non-compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 92173 pcs                                    | Data sheet                           | <a href="#">MIC4426</a> , <a href="#">MIC4427</a> , <a href="#">MIC4428</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply                     | 4.5 V ~ 18 V                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-MSOP                                       | Series                               | -                                                                           |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20ns, 29ns                                   | Packaging                            | Tube                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)       | Operating Temperature                | -40°C ~ 150°C (TJ)                                                          |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                            | Mounting Type                        | Surface Mount                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                                | Logic Voltage - VIL, VIH             | 0.8V, 2.4V                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contains lead / RoHS non-compliant           | Input Type                           | Non-Inverting                                                               |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N-Channel, P-Channel MOSFET                  | Driven Configuration                 | Low-Side                                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Low-Side Gate Driver IC Non-Inverting 8-MSOP | Current - Peak Output (Source, Sink) | 1.5A, 1.5A                                                                  |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Independent                                  | Base Part Number                     | MIC4427                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
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|  | Part#: <a href="#">MIC4427YN</a><br>Description: IC DRIVER MOSFET 1.5A DUAL 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4426YMM</a><br>Description: IC DRIVER MOSFET DUAL 1.5A 8MSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4427BMM-TR</a><br>Description: IC DRIVER MOSFET 1.5A DUAL 8MSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4427CM-TR</a><br>Description: IC DRIVER MOSFET 1.5A DUAL 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC4427YM</a><br>Description: IC DRIVER MOSFET DUAL 1.5A 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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