

MIC4426YMM





**Part Number:** [MIC4426YMM](#)

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

**Description:** IC DRIVER MOSFET DUAL 1.5A 8MSOP

**Data sheet:**  [MIC4426](#), [MIC4427](#), [MIC4428](#)

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

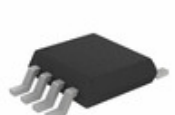
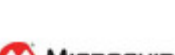
**Ship From:** Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                      |                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MIC4426YMM                                | Manufacturer                         | <a href="#">Micrel / Microchip Technology</a>                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC DRIVER MOSFET DUAL 1.5A 8MSOP          | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 74141 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)    | Other Names                          | 576-1524-5<br>MIC4426YMM-ND                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 150°C (TJ)                        | Number of Drivers                    | 2                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                             | Moisture Sensitivity Level (MSL)     | 1 (Unlimited)                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7 Weeks                                   | Logic Voltage - VIL, VIH             | 0.8V, 2.4V                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                | Input Type                           | Inverting                                                                   |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N-Channel, P-Channel MOSFET               | Driven Configuration                 | Low-Side                                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Low-Side Gate Driver IC Inverting 8-MSOP  | Current - Peak Output (Source, Sink) | 1.5A, 1.5A                                                                  |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Independent                               | Base Part Number                     | MIC4426                                                                     |
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