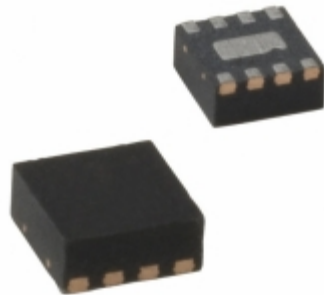


MIC44F19YML-TR





Part Number: [MIC44F19YML-TR](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC MOSFET DRIVER 6A INV 8-MLF

Data sheet:  [MIC44F18, 19, 20](#)

RoHS Status: Lead free / RoHS Compliant

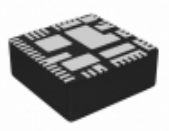
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |                                      |                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC44F19YML-TR                                 | Manufacturer                         | <a href="#">Micrel / Microchip Technology</a>                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MOSFET DRIVER 6A INV 8-MLF                  | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 85818 pcs                                      | Data sheet                           | <a href="#">MIC44F18, 19, 20</a>                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>      | Voltage - Supply                     | 4.5 V ~ 13.2 V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-MLF® (2x2)                                   | Series                               | -                                                                                      |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10ns, 10ns                                     | Packaging                            | Tape & Reel (TR)                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-VDFDN Exposed Pad, 8-MLF®                    | Other Names                          | 576-2719-2<br>MIC44F19YML TR<br>MIC44F19YML TR-ND<br>MIC44F19YMLTR<br>MIC44F19YMLTR-ND |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C (TJ)                             | Number of Drivers                    | 1                                                                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                  | Moisture Sensitivity Level (MSL)     | 1 (Unlimited)                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6 Weeks                                        | Logic Voltage - VIL, VIH             | 1.607V, 1.615V                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                     | Input Type                           | Inverting                                                                              |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | P-Channel MOSFET                               | Driven Configuration                 | Low-Side                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Low-Side Gate Driver IC Inverting 8-MLF® (2x2) | Current - Peak Output (Source, Sink) | 6A, 6A                                                                                 |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Single                                         | Base Part Number                     | MIC44F19                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
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|  | Part#: <a href="#">MIC44F18YMME</a><br>Description: IC MOSFET DRIVER 6A HS 8-MSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC44F18YMME-TR</a><br>Description: IC MOSFET DRVR 6A NON INV 8-MSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4479YME-TR</a><br>Description: IC MOSFET DVR 32V INV 8SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4479YME-T5</a><br>Description: IC DRIVER MOSF QUAD                | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4479YM-TR</a><br>Description: IC DRIVER MOSF QUAD                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4480YM-TR</a><br>Description: IC DRIVER MOSF QUAD                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC44F19YMME-TR</a><br>Description: IC MOSFET DRIVER 6A INV 8-MSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC44F19YMME</a><br>Description: IC MOSFET DRIVER 6A HS 8-MSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4480YME-TR</a><br>Description: IC MOSFET DVR 32V NONINV 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4480YME-T5</a><br>Description: IC MOSFET DVR 32V NONINV 8SOIC     | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">MIC45116-1YMP-EV</a><br>Description: EVAL BOARD MIC45116-1           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC44F20YMME-TR</a><br>Description: IC MOSFET DRIVER 6A INV 8-MSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC45116-2YMP-EV</a><br>Description: EVAL BOARD MIC45116-2           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC4480YM-T5</a><br>Description: IC DRIVER MOSF QUAD                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC45116-2YMP-T1</a><br>Description: IC REG BUCK ADJ 6A SYNC 52QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC44F20YML-TR</a><br>Description: IC MOSFET DVR HS SGL 6A 8-MLF     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC44F18YML-TR</a><br>Description: IC MOSFET DRVR 6A NON INV 8-MLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC45116-1YMP-TR</a><br>Description: IC REG BUCK ADJ 6A SYNC 52QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC44F20YMME</a><br>Description: IC MOSFET DRIVER 6A HS 8-MSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                              |                                     |                                        |                      |
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