



Micrel / Microchip Technology

MIC44F20YMME

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC44F20YMME                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MOSFET DRIVER 6A HS 8-MSOP                                                                                |
| Datasheets:         |  MIC44F20YMME.pdf           |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 142355 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

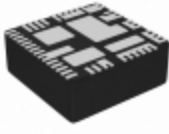
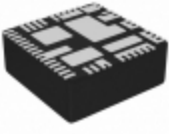
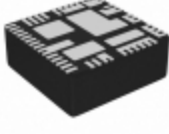
Specifications of MIC44F20YMME

|                                      |                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | MIC44F20YMME                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                        |
| DESCRIPTION                          | IC MOSFET DRIVER 6A HS 8-MSOP                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE                   | 142355 pcs                                                                                           |
| DATA SHEET                           |  MIC44F20YMME.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 13.2 V                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 8-MSOP-EP                                                                                            |
| SERIES                               | -                                                                                                    |
| RISE / FALL TIME (TYP)               | 10ns, 10ns                                                                                           |
| PACKAGING                            | Tube                                                                                                 |
| PACKAGE / CASE                       | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad                                                   |
| OTHER NAMES                          | 576-1503                                                                                             |
| OPERATING TEMPERATURE                | -40°C ~ 125°C (TJ)                                                                                   |
| NUMBER OF DRIVERS                    | 1                                                                                                    |
| MOUNTING TYPE                        | Surface Mount                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                        |
| LOGIC VOLTAGE - VIL, VIH             | 1.607V, 1.615V                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                           |
| INPUT TYPE                           | Inverting                                                                                            |
| GATE TYPE                            | N-Channel MOSFET                                                                                     |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                             |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Inverting 8-MSOP-EP                                                          |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 6A, 6A                                                                                               |
| CHANNEL TYPE                         | Single                                                                                               |
| BASE PART NUMBER                     | MIC44F20                                                                                             |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MIC44F20YMME | MIC44F20YMME Distributor               | MIC44F20YMME Supplier                               |
| MIC44F20YMME Price                         | MIC44F20YMME Pictures                  | MIC44F20YMME Image                                  |
| MIC44F20YMME PDF Datasheet                 | MIC44F20YMME Download Datasheet        | MIC44F20YMME Datasheet                              |
| MIC44F20YMME Stock                         | Buy MIC44F20YMME                       | Buy Micrel / Microchip Technology MIC44F20YMME      |
| Micrel / Microchip Technology MIC44F20YMME | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MIC44F20YMME | Microchip Technology MIC44F20YMME      | Roving Networks / Microchip Technology MIC44F20YMME |

Related Products

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| <div></div> <div><b>MIC44F19YMME-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 6A INV 8-MSOP<br/>In stock: 127288 pcs</div> <div>RFQ</div> | <div></div> <div><b>MIC44F18YMME-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRVR 6A NON INV 8-MSOP<br/>In stock: 114575 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MIC45116-2YMP-T1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 52QFN<br/>In stock: 14052 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MIC45116-1YMP-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 52QFN<br/>In stock: 18994 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MIC44F20YMME-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 6A INV 8-MSOP<br/>In stock: 122751 pcs</div> <div>RFQ</div> | <div></div> <div><b>MIC44F18YMME</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 6A HS 8-MSOP<br/>In stock: 101100 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>MIC45116-1YMP-T1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 52QFN<br/>In stock: 9055 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MIC44F19YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 6A INV 8-MLF<br/>In stock: 138800 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>MIC45116-1YMP-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD MIC45116-1<br/>In stock: 5780 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MIC45116-2YMP-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD MIC45116-2<br/>In stock: 4182 pcs</div> <div>RFQ</div>             |
| <div></div> <div><b>MIC44F19YMME</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 6A HS 8-MSOP<br/>In stock: 90000 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MIC44F20YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR HS SGL 6A 8-MLF<br/>In stock: 87719 pcs</div> <div>RFQ</div>      |