

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC4452BM-TR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC4452BM-TR                                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC DRIVER MOSF 12A LO SIDE 8SOIC                                                                                     |
| Datasheets:         |  <a href="#">MIC4452BM-TR.pdf</a>   |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 85881 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MIC4452BM-TR

|                                      |                                                                                                                      |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | MIC4452BM-TR                                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                                        |
| DESCRIPTION                          | IC DRIVER MOSF 12A LO SIDE 8SOIC                                                                                     |
| LEAD FREE STATUS / ROHS STATUS       | Contains lead / RoHS non-compliant                                                                                   |
| QUANTITY AVAILABLE                   | 85881 pcs                                                                                                            |
| DATA SHEET                           |  <a href="#">MIC4452BM-TR.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                                               |
| SERIES                               | -                                                                                                                    |
| RISE / FALL TIME (TYP)               | 20ns, 24ns                                                                                                           |
| PACKAGING                            | Tape & Reel (TR)                                                                                                     |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                        |
| OTHER NAMES                          | MIC4452BM TR<br>MIC4452BM TR-ND<br>MIC4452BMTR                                                                       |
| OPERATING TEMPERATURE                | -40°C ~ 85°C (TA)                                                                                                    |
| NUMBER OF DRIVERS                    | 1                                                                                                                    |
| 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                            | IGBT, N-Channel MOSFET                                                                                               |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                                             |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Non-Inverting 8-SOIC                                                                         |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 12A, 12A                                                                                                             |
| CHANNEL TYPE                         | Single                                                                                                               |
| BASE PART NUMBER                     | MIC4452                                                                                                              |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MIC4452BM-TR | MIC4452BM-TR Distributor               | MIC4452BM-TR Supplier                               |
| MIC4452BM-TR Price                         | MIC4452BM-TR Pictures                  | MIC4452BM-TR Image                                  |
| MIC4452BM-TR PDF Datasheet                 | MIC4452BM-TR Download Datasheet        | MIC4452BM-TR Datasheet                              |
| MIC4452BM-TR Stock                         | Buy MIC4452BM-TR                       | Buy Micrel / Microchip Technology MIC4452BM-TR      |
| Micrel / Microchip Technology MIC4452BM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MIC4452BM-TR | Microchip Technology MIC4452BM-TR      | Roving Networks / Microchip Technology MIC4452BM-TR |

Related Products

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|  <div><b>MIC4452ABM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSFET 12A HS 8-SOIC<br/>In stock: 48795 pcs<br/><div>RFQ</div></div>    |  <div><b>MIC4452BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSF 12A LO SIDE 8DIP<br/>In stock: 60703 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC4452CT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVR MOSF 12A LOSIDE TO220-5<br/>In stock: 27789 pcs<br/><div>RFQ</div></div>  |  <div><b>MIC4452YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSF 12A LO SIDE 8SOIC<br/>In stock: 55768 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC4452ABM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSFET 12A HS 8-SOIC<br/>In stock: 74795 pcs<br/><div>RFQ</div></div> |  <div><b>MIC4452VM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSFET 12A HIGH SPEED<br/>In stock: 38231 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC4452YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSFET 12A HS 8-DIP<br/>In stock: 46745 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC4452BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSF 12A LO SIDE 8SOIC<br/>In stock: 66825 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MIC4452ABN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSFET 12A HS 8-DIP<br/>In stock: 38407 pcs<br/><div>RFQ</div></div>     |  <div><b>MIC4451ZT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSFET 12A HS TO220-5<br/>In stock: 37487 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC4452VM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSFET 12A HIGH SPEED<br/>In stock: 52159 pcs<br/><div>RFQ</div></div> |  <div><b>MIC4451YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSF 12A LO SIDE 8DIP<br/>In stock: 49352 pcs<br/><div>RFQ</div></div>     |