



Micrel / Microchip Technology

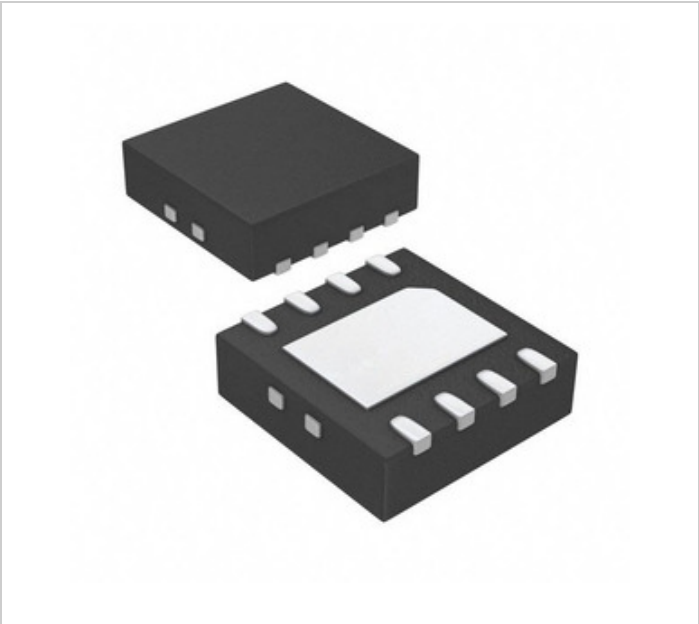


Image may be representation. See specifications for product details.

TC4452VMF

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC4452VMF                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MOSFET DVR 12A HS 8DFN                                                                                       |
| Datasheets:         |  <a href="#">TC4452VMF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

| Specifications of TC4452VMF          |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | TC4452VMF                                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                                     |
| DESCRIPTION                          | IC MOSFET DVR 12A HS 8DFN                                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                           |  <a href="#">TC4452VMF.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                                      |
| SUPPLIER DEVICE PACKAGE              | 8-DFN-S (6x5)                                                                                                     |
| SERIES                               | -                                                                                                                 |
| RISE / FALL TIME (TYP)               | 30ns, 32ns                                                                                                        |
| PACKAGING                            | Tube                                                                                                              |
| PACKAGE / CASE                       | 8-VDFN Exposed Pad                                                                                                |
| OPERATING TEMPERATURE                | -40°C ~ 150°C (TJ)                                                                                                |
| NUMBER OF DRIVERS                    | 1                                                                                                                 |
| MOUNTING TYPE                        | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME      | 10 Weeks                                                                                                          |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 2.4V                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| INPUT TYPE                           | Non-Inverting                                                                                                     |
| GATE TYPE                            | IGBT, N-Channel, P-Channel MOSFET                                                                                 |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                                          |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Non-Inverting 8-DFN-S (6x5)                                                               |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 13A, 13A                                                                                                          |
| CHANNEL TYPE                         | Single                                                                                                            |
| BASE PART NUMBER                     | TC4452                                                                                                            |

Related Tags

|                                         |                                        |                                                  |
|-----------------------------------------|----------------------------------------|--------------------------------------------------|
| Micrel / Microchip Technology TC4452VMF | TC4452VMF Distributor                  | TC4452VMF Supplier                               |
| TC4452VMF Price                         | TC4452VMF Pictures                     | TC4452VMF Image                                  |
| TC4452VMF PDF Datasheet                 | TC4452VMF Download Datasheet           | TC4452VMF Datasheet                              |
| TC4452VMF Stock                         | Buy TC4452VMF                          | Buy Micrel / Microchip Technology TC4452VMF      |
| Micrel / Microchip Technology TC4452VMF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor        |
| Micrel / Microchip Technology TC4452VMF | Microchip Technology TC4452VMF         | Roving Networks / Microchip Technology TC4452VMF |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TC4451VOA713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>TC4451VPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8DIP<br/>In stock: 240 pcs<br/><div>RFQ</div></div>           |
|  <div><b>TC4452VPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8DIP<br/>In stock: 632 pcs<br/><div>RFQ</div></div>       |  <div><b>TC4467COE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR QUAD NAND 16SOIC<br/>In stock: 526 pcs<br/><div>RFQ</div></div>      |
|  <div><b>TC4452VOA713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>TC4452VOA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
|  <div><b>TC4451VOA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>TC4452VMF713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>TC4452VAT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS TO220-5<br/>In stock: 93 pcs<br/><div>RFQ</div></div>     |  <div><b>TC4451VMF713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>TC4451VMF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 12A HS 8DFN<br/>In stock: 151 pcs<br/><div>RFQ</div></div>       |  <div><b>TC4467COE713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR QUAD NAND 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |