



Micrel / Microchip Technology

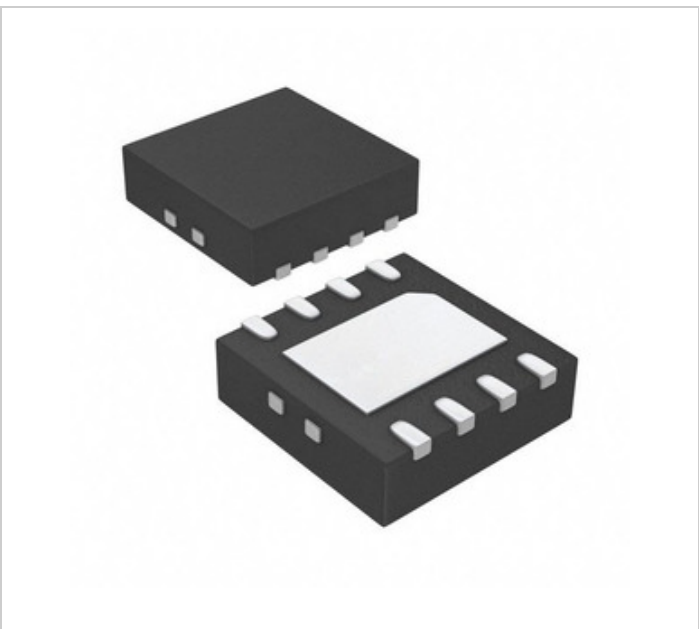


Image may be representation. See specifications for product details.

TC4424EMF

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC4424EMF                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MOSFET DVR 3A DUAL HS 8DFN                                                                                   |
| Datasheets:         |  <a href="#">TC4424EMF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

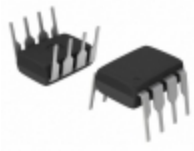
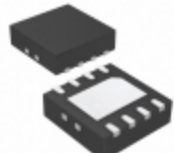
REQUEST FOR QUOTATION

| Specifications of TC4424EMF          |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | TC4424EMF                                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                                     |
| DESCRIPTION                          | IC MOSFET DVR 3A DUAL HS 8DFN                                                                                     |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                           |  <a href="#">TC4424EMF.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                                      |
| SUPPLIER DEVICE PACKAGE              | 8-DFN-S (6x5)                                                                                                     |
| SERIES                               | -                                                                                                                 |
| RISE / FALL TIME (TYP)               | 23ns, 25ns                                                                                                        |
| PACKAGING                            | Tube                                                                                                              |
| PACKAGE / CASE                       | 8-VDFN Exposed Pad                                                                                                |
| 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      | 5 Weeks                                                                                                           |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 2.4V                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| INPUT TYPE                           | Non-Inverting                                                                                                     |
| GATE TYPE                            | 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) | 3A, 3A                                                                                                            |
| CHANNEL TYPE                         | Independent                                                                                                       |
| BASE PART NUMBER                     | TC4424                                                                                                            |

Related Tags

|                                         |                                        |                                                  |
|-----------------------------------------|----------------------------------------|--------------------------------------------------|
| Micrel / Microchip Technology TC4424EMF | TC4424EMF Distributor                  | TC4424EMF Supplier                               |
| TC4424EMF Price                         | TC4424EMF Pictures                     | TC4424EMF Image                                  |
| TC4424EMF PDF Datasheet                 | TC4424EMF Download Datasheet           | TC4424EMF Datasheet                              |
| TC4424EMF Stock                         | Buy TC4424EMF                          | Buy Micrel / Microchip Technology TC4424EMF      |
| Micrel / Microchip Technology TC4424EMF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor        |
| Micrel / Microchip Technology TC4424EMF | Microchip Technology TC4424EMF         | Roving Networks / Microchip Technology TC4424EMF |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TC4424AVPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 8DIP<br/>In stock: 676 pcs<br/><div>RFQ</div></div>     |  <div><b>TC4424EOE713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 16-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TC4424VMF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>TC4424AVOE713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TC4424AVOE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL 16-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>TC4424EMF713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>TC4424COE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 16-SOIC<br/>In stock: 410 pcs<br/><div>RFQ</div></div>   |  <div><b>TC4424COE713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 16-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TC4424EOE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 16-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>TC4424EPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 8-DIP<br/>In stock: 461 pcs<br/><div>RFQ</div></div>        |
|  <div><b>TC4424MJA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 8-CDIP<br/>In stock: 31 pcs<br/><div>RFQ</div></div>     |  <div><b>TC4424CPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 3A DUAL HS 8-DIP<br/>In stock: 290 pcs<br/><div>RFQ</div></div>        |