



Micrel / Microchip Technology

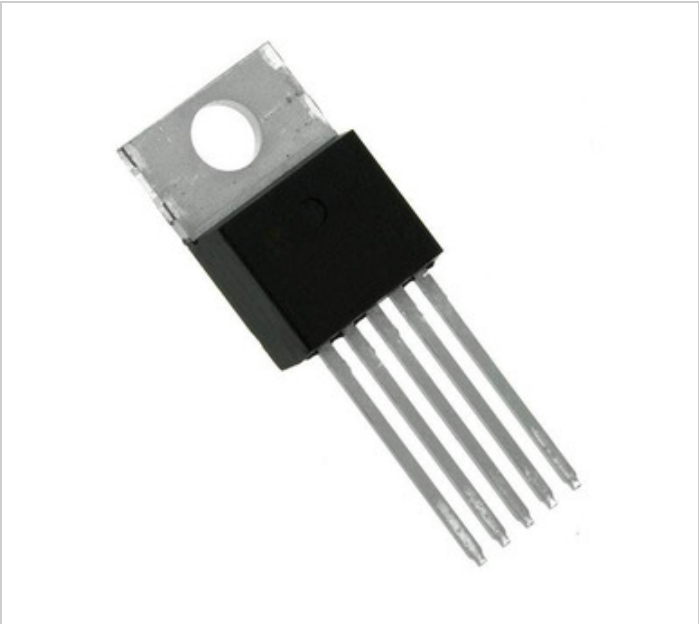


Image may be representation. See specifications for product details.

TC4452VAT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC4452VAT                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MOSFET DVR 12A HS TO220-5                                                                                 |
| Datasheets:         | <a href="#">PDF TC4452VAT.pdf</a>                                                                            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of TC4452VAT

|                                      |                                                |
|--------------------------------------|------------------------------------------------|
| PART NUMBER                          | TC4452VAT                                      |
| MANUFACTURER                         | Micrel / Microchip Technology                  |
| DESCRIPTION                          | IC MOSFET DVR 12A HS TO220-5                   |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                     |
| DATA SHEET                           | <a href="#">PDF TC4452VAT.pdf</a>              |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                   |
| SUPPLIER DEVICE PACKAGE              | TO-220-5                                       |
| SERIES                               | -                                              |
| RISE / FALL TIME (TYP)               | 30ns, 32ns                                     |
| PACKAGING                            | Tube                                           |
| PACKAGE / CASE                       | TO-220-5                                       |
| OPERATING TEMPERATURE                | -40°C ~ 150°C (TJ)                             |
| NUMBER OF DRIVERS                    | 1                                              |
| MOUNTING TYPE                        | Through Hole                                   |
| 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                            | IGBT, N-Channel, P-Channel MOSFET              |
| DRIVEN CONFIGURATION                 | Low-Side                                       |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Non-Inverting TO-220-5 |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 13A, 13A                                       |
| CHANNEL TYPE                         | Single                                         |
| BASE PART NUMBER                     | TC4452                                         |

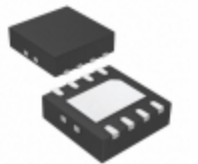
Related Tags

|                                         |                                        |                                                  |
|-----------------------------------------|----------------------------------------|--------------------------------------------------|
| Micrel / Microchip Technology TC4452VAT | TC4452VAT Distributor                  | TC4452VAT Supplier                               |
| TC4452VAT Price                         | TC4452VAT Pictures                     | TC4452VAT Image                                  |
| TC4452VAT PDF Datasheet                 | TC4452VAT Download Datasheet           | TC4452VAT Datasheet                              |
| TC4452VAT Stock                         | Buy TC4452VAT                          | Buy Micrel / Microchip Technology TC4452VAT      |
| Micrel / Microchip Technology TC4452VAT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor        |
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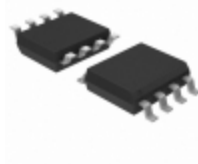
Related Products



**TC4451VPA**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8DIP  
In stock: 240 pcs  
[RFQ](#)



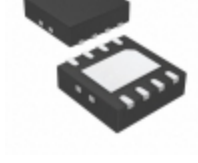
**TC4451VMF713**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8DFN  
In stock: Out stock  
[RFQ](#)



**TC4451VOA713**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8SOIC  
In stock: Out stock  
[RFQ](#)



**TC4452VOA713**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8SOIC  
In stock: Out stock  
[RFQ](#)



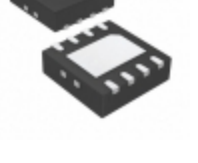
**TC4452VMF713**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8DFN  
In stock: Out stock  
[RFQ](#)



**TC4452VPA**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8DIP  
In stock: 632 pcs  
[RFQ](#)



**TC4451VOA**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8SOIC  
In stock: Out stock  
[RFQ](#)



**TC4452VMF**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8DFN  
In stock: Out stock  
[RFQ](#)



**TC4451VAT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS TO220-5  
In stock: 191 pcs  
[RFQ](#)



**TC4467COE**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR QUAD NAND 16SOIC  
In stock: 526 pcs  
[RFQ](#)



**TC4451VMF**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8DFN  
In stock: 151 pcs  
[RFQ](#)



**TC4452VOA**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MOSFET DVR 12A HS 8SOIC  
In stock: Out stock  
[RFQ](#)