



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC4414YFT-T5

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC4414YFT-T5                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                       |
| Product description | IC DVR MOSFET LOW SIDE 4TQFN                                                                                        |
| Datasheets:         |  <a href="#">MIC4414YFT-T5.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

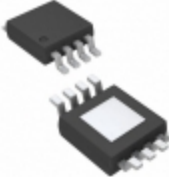
Specifications of MIC4414YFT-T5

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | MIC4414YFT-T5                                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                                         |
| DESCRIPTION                          | IC DVR MOSFET LOW SIDE 4TQFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                           |  <a href="#">MIC4414YFT-T5.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE              | 4-TQFN (1.2x1.2)                                                                                                      |
| SERIES                               | -                                                                                                                     |
| RISE / FALL TIME (TYP)               | 12ns, 12ns                                                                                                            |
| PACKAGING                            | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                       | 4-UQFN                                                                                                                |
| OTHER NAMES                          | 576-4100-2<br>MIC4414YFT T5<br>MIC4414YFTT5                                                                           |
| OPERATING TEMPERATURE                | -40°C ~ 125°C (TJ)                                                                                                    |
| NUMBER OF DRIVERS                    | 1                                                                                                                     |
| MOUNTING TYPE                        | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                         |
| MANUFACTURER STANDARD LEAD TIME      | 12 Weeks                                                                                                              |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 3V                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| INPUT TYPE                           | Non-Inverting                                                                                                         |
| GATE TYPE                            | N-Channel MOSFET                                                                                                      |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                                              |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Non-Inverting 4-TQFN (1.2x1.2)                                                                |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 1.5A, 1.5A                                                                                                            |
| CHANNEL TYPE                         | Single                                                                                                                |
| BASE PART NUMBER                     | MIC4414                                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC4414YFT-T5 | MIC4414YFT-T5 Distributor              | MIC4414YFT-T5 Supplier                               |
| MIC4414YFT-T5 Price                         | MIC4414YFT-T5 Pictures                 | MIC4414YFT-T5 Image                                  |
| MIC4414YFT-T5 PDF Datasheet                 | MIC4414YFT-T5 Download Datasheet       | MIC4414YFT-T5 Datasheet                              |
| MIC4414YFT-T5 Stock                         | Buy MIC4414YFT-T5                      | Buy Micrel / Microchip Technology MIC4414YFT-T5      |
| Micrel / Microchip Technology MIC4414YFT-T5 | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC4414YFT-T5 | Microchip Technology MIC4414YFT-T5     | Roving Networks / Microchip Technology MIC4414YFT-T5 |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>MIC4414YFT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DVR MOSFET LOW SIDE 4TQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>MIC4224YMME</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR DUAL-NON 4A 8MSOP<br/>In stock: 108 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MIC4225YMME</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR INV-NON 4A 8-MSOP<br/>In stock: 150 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MIC4225YMME-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR DUAL-NON 4A 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MIC4225YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR DUAL-INV 4A 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MIC4416BM4 TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSF LOW SIDE SOT143-4<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MIC4225YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR INV-NON 4A 8-SOIC<br/>In stock: 63 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>MIC4415YFT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DVR MOSFET LOW SIDE 4TQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MIC4416YM4-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSF LOW SIDE SOT143-4<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MIC4415YFT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DVR MOSFET LOW SIDE 4TQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MIC4417BM4 TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DRIVER MOSF LOW SIDE SOT143-4<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MIC4224YMME-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR DUAL-NON 4A 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |