



TC4427AEMF

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC4427AEMF                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MOSFET DVR 1.5A DUAL HS 8DFN                                                                              |
|                     |  1.TC4427AEMF.pdf           |
|                     |  2.TC4427AEMF.pdf           |
|                     |  3.TC4427AEMF.pdf           |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 124336 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of TC4427AEMF

|                                      |                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | TC4427AEMF                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                          | IC MOSFET DVR 1.5A DUAL HS 8DFN                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE                   | 124336 pcs                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                           |  1.TC4427AEMF.pdf<br> 2.TC4427AEMF.pdf<br> 3.TC4427AEMF.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE              | 8-DFN-S (6x5)                                                                                                                                                                                                                                                                                                        |
| SERIES                               | -                                                                                                                                                                                                                                                                                                                    |
| RISE / FALL TIME (TYP)               | 25ns, 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)                                                                                                                                                                                                                                                                                                        |
| 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) | 1.5A, 1.5A                                                                                                                                                                                                                                                                                                           |
| CHANNEL TYPE                         | Independent                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                     | TC4427A                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                          |                                        |                                                   |
|------------------------------------------|----------------------------------------|---------------------------------------------------|
| Micrel / Microchip Technology TC4427AEMF | TC4427AEMF Distributor                 | TC4427AEMF Supplier                               |
| TC4427AEMF Price                         | TC4427AEMF Pictures                    | TC4427AEMF Image                                  |
| TC4427AEMF PDF Datasheet                 | TC4427AEMF Download Datasheet          | TC4427AEMF Datasheet                              |
| TC4427AEMF Stock                         | Buy TC4427AEMF                         | Buy Micrel / Microchip Technology TC4427AEMF      |
| Micrel / Microchip Technology TC4427AEMF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor         |
| Micrel / Microchip Technology TC4427AEMF | Microchip Technology TC4427AEMF        | Roving Networks / Microchip Technology TC4427AEMF |

Related Products

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| <div></div> <div><b>TC4426VPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8DIP<br/>In stock: 91006 pcs</div> <div>RFQ</div>       | <div></div> <div><b>TC4427AEOA713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8SOIC<br/>In stock: 102938 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>TC4427AEPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8-DIP<br/>In stock: 74848 pcs</div> <div>RFQ</div>     | <div></div> <div><b>TC4427AEMF713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8DFN<br/>In stock: 101350 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>TC4426VUA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8MSOP<br/>In stock: 54139 pcs</div> <div>RFQ</div>      | <div></div> <div><b>TC4427ACOA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8SOIC<br/>In stock: 81695 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>TC4427ACPA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8-DIP<br/>In stock: 76681 pcs</div> <div>RFQ</div>     | <div></div> <div><b>TC4427AEUA713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8MSOP<br/>In stock: 54455 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>TC4427ACOA713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8SOIC<br/>In stock: 113161 pcs</div> <div>RFQ</div> | <div></div> <div><b>TC4426VUA713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8MSOP<br/>In stock: 81121 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>TC4427AEUA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8MSOP<br/>In stock: 47334 pcs</div> <div>RFQ</div>     | <div></div> <div><b>TC4427AEOA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 1.5A DUAL HS 8SOIC<br/>In stock: 65992 pcs</div> <div>RFQ</div>     |