



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP14E5T-E/MF

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP14E5T-E/MF                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                       |
| Product description | IC MOSFET DVR 4.0A DUAL 8DFN                                                                                        |
| Datasheets:         |  <a href="#">MCP14E5T-E/MF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 59508 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of MCP14E5T-E/MF

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | MCP14E5T-E/MF                                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                                         |
| DESCRIPTION                          | IC MOSFET DVR 4.0A DUAL 8DFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE                   | 59508 pcs                                                                                                             |
| DATA SHEET                           |  <a href="#">MCP14E5T-E/MF.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE              | 8-DFN-S (6x5)                                                                                                         |
| SERIES                               | -                                                                                                                     |
| RISE / FALL TIME (TYP)               | 15ns, 18ns                                                                                                            |
| PACKAGING                            | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                       | 8-VDFN Exposed Pad                                                                                                    |
| OTHER NAMES                          | MCP14E5T-E/MFTR                                                                                                       |
| 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                           | Inverting, Non-Inverting                                                                                              |
| GATE TYPE                            | IGBT, N-Channel, P-Channel MOSFET                                                                                     |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                                              |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Inverting, Non-Inverting 8-DFN-S (6x5)                                                        |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 4A, 4A                                                                                                                |
| CHANNEL TYPE                         | Independent                                                                                                           |
| BASE PART NUMBER                     | MCP14E5                                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP14E5T-E/MF | MCP14E5T-E/MF Distributor              | MCP14E5T-E/MF Supplier                               |
| MCP14E5T-E/MF Price                         | MCP14E5T-E/MF Pictures                 | MCP14E5T-E/MF Image                                  |
| MCP14E5T-E/MF PDF Datasheet                 | MCP14E5T-E/MF Download Datasheet       | MCP14E5T-E/MF Datasheet                              |
| MCP14E5T-E/MF Stock                         | Buy MCP14E5T-E/MF                      | Buy Micrel / Microchip Technology MCP14E5T-E/MF      |
| Micrel / Microchip Technology MCP14E5T-E/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP14E5T-E/MF | Microchip Technology MCP14E5T-E/MF     | Roving Networks / Microchip Technology MCP14E5T-E/MF |

Related Products

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| <div></div> <div><b>MCP14E6-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 2A 8DFN-S<br/>In stock: 50121 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MCP14E5-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.0A DUAL 8DIP<br/>In stock: 50365 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>MCP14E4T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.0A DUAL 8SOIC<br/>In stock: 46621 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP14E5-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.0A DUAL 8SOIC<br/>In stock: 55606 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>MCP14E5-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.0A DUAL 8DFN<br/>In stock: 67976 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MCP14E5-E/SL</b><br/>Manufacturers: Microchip Technology<br/>Description: MOSFET DRVR 4.5A DUAL HS 16SOIC<br/>In stock: 71926 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>MCP14E6-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 2A 8SOIC<br/>In stock: 59096 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MCP14E4T-E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: MOSFET DRIVER WITH ENABLED PIN<br/>In stock: 2794 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MCP14E5T-E/SL</b><br/>Manufacturers: Microchip Technology<br/>Description: MOSFET DRVR 4.5A DUAL HS 16SOIC<br/>In stock: 74837 pcs</div> <div>RFQ</div>        | <div></div> <div><b>MCP14E6T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 2A 8DFN-S<br/>In stock: 73994 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>MCP14E5T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.0A DUAL 8SOIC<br/>In stock: 64678 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP14E6-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 2A 8DIP<br/>In stock: 56450 pcs</div> <div>RFQ</div>           |