



Micrel / Microchip Technology



MCP14E6-E/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP14E6-E/MF                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MOSFET DRIVER 2A 8DFN-S                                                                                   |
| Datasheets:         |  MCP14E6-E/MF.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 50121 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

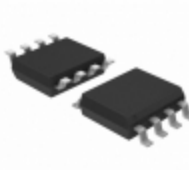
Specifications of MCP14E6-E/MF

|                                      |                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | MCP14E6-E/MF                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                        |
| DESCRIPTION                          | IC MOSFET DRIVER 2A 8DFN-S                                                                           |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE                   | 50121 pcs                                                                                            |
| DATA SHEET                           |  MCP14E6-E/MF.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                         |
| SUPPLIER DEVICE PACKAGE              | 8-DFN-S (6x5)                                                                                        |
| SERIES                               | -                                                                                                    |
| RISE / FALL TIME (TYP)               | 12ns, 15ns                                                                                           |
| PACKAGING                            | Tube                                                                                                 |
| PACKAGE / CASE                       | 8-VDFN Exposed Pad                                                                                   |
| OTHER NAMES                          | MCP14E6EMF                                                                                           |
| 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                                                                                            |
| GATE TYPE                            | IGBT, N-Channel, P-Channel MOSFET                                                                    |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                             |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Inverting 8-DFN-S (6x5)                                                      |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 2A, 2A                                                                                               |
| CHANNEL TYPE                         | Independent                                                                                          |
| BASE PART NUMBER                     | MCP14E6                                                                                              |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP14E6-E/MF | MCP14E6-E/MF Distributor               | MCP14E6-E/MF Supplier                               |
| MCP14E6-E/MF Price                         | MCP14E6-E/MF Pictures                  | MCP14E6-E/MF Image                                  |
| MCP14E6-E/MF PDF Datasheet                 | MCP14E6-E/MF Download Datasheet        | MCP14E6-E/MF Datasheet                              |
| MCP14E6-E/MF Stock                         | Buy MCP14E6-E/MF                       | Buy Micrel / Microchip Technology MCP14E6-E/MF      |
| Micrel / Microchip Technology MCP14E6-E/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP14E6-E/MF | Microchip Technology MCP14E6-E/MF      | Roving Networks / Microchip Technology MCP14E6-E/MF |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                      |
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| <div></div> <div><b>MCP14E6T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 2A 8SOIC<br/>In stock: 68019 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>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>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>       |
| <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>MCP14E7-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 2A 8DIP<br/>In stock: 43548 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>MCP14E7-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 2A 8DFN-S<br/>In stock: 45033 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>MCP14E5T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.0A DUAL 8DFN<br/>In stock: 59508 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>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>   |