



Micrel / Microchip Technology

MCP14A0451-E/MS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP14A0451-E/MS                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MOSFET DRIVER 4.5A 8MSOP                                                                                  |
| Datasheets:         |  MCP14A0451-E/MS.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 131283 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.

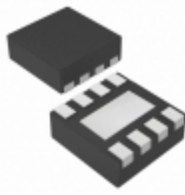
Specifications of MCP14A0451-E/MS

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | MCP14A0451-E/MS                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                           |
| DESCRIPTION                          | IC MOSFET DRIVER 4.5A 8MSOP                                                                             |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 131283 pcs                                                                                              |
| DATA SHEET                           |  MCP14A0451-E/MS.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                            |
| SUPPLIER DEVICE PACKAGE              | 8-MSOP                                                                                                  |
| SERIES                               | -                                                                                                       |
| RISE / FALL TIME (TYP)               | 9.5ns, 9ns                                                                                              |
| PACKAGING                            | Tube                                                                                                    |
| PACKAGE / CASE                       | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                  |
| OPERATING TEMPERATURE                | -40°C ~ 150°C (TJ)                                                                                      |
| NUMBER OF DRIVERS                    | 1                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                           |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 2V                                                                                                |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| INPUT TYPE                           | Inverting                                                                                               |
| GATE TYPE                            | N-Channel, P-Channel MOSFET                                                                             |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                                |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Inverting 8-MSOP                                                                |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 4.5A, 4.5A                                                                                              |
| CHANNEL TYPE                         | Single                                                                                                  |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MCP14A0451-E/MS | MCP14A0451-E/MS Distributor            | MCP14A0451-E/MS Supplier                               |
| MCP14A0451-E/MS Price                         | MCP14A0451-E/MS Pictures               | MCP14A0451-E/MS Image                                  |
| MCP14A0451-E/MS PDF Datasheet                 | MCP14A0451-E/MS Download Datasheet     | MCP14A0451-E/MS Datasheet                              |
| MCP14A0451-E/MS Stock                         | Buy MCP14A0451-E/MS                    | Buy Micrel / Microchip Technology MCP14A0451-E/MS      |
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Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP14A0451T-E/RW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A 8WDFN<br/>In stock: 119065 pcs<br/><div>RFQ</div></div>       |  <div><b>MCP14A0305T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S<br/>In stock: 94482 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP14A0305T-E/MNY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S<br/>In stock: 105372 pcs<br/><div>RFQ</div></div> |  <div><b>MCP14A0452-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A 8MSOP<br/>In stock: 95343 pcs<br/><div>RFQ</div></div>        |
|  <div><b>MCP14A0305-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S<br/>In stock: 115124 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP14A0452-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A 8SOIC<br/>In stock: 129170 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MCP14A0451-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A 8SOIC<br/>In stock: 128768 pcs<br/><div>RFQ</div></div>        |  <div><b>MCP14A0305-E/MNY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S<br/>In stock: 107347 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP14A0451T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A 8SOIC<br/>In stock: 129313 pcs<br/><div>RFQ</div></div>       |  <div><b>MCP14A0305T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S<br/>In stock: 160929 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP14A0451T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A 8MSOP<br/>In stock: 132947 pcs<br/><div>RFQ</div></div>       |  <div><b>MCP14A0305-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S<br/>In stock: 102011 pcs<br/><div>RFQ</div></div>  |