

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## MCP1405-E/SN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1405-E/SN                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MOSFET DVR 4.5A DUAL 8SOIC                                                                                |
| Datasheets:         |  MCP1405-E/SN.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 49523 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

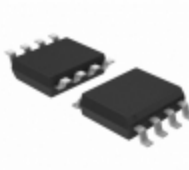
### Specifications of MCP1405-E/SN

|                                      |                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | MCP1405-E/SN                                                                                         |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                        |
| DESCRIPTION                          | IC MOSFET DVR 4.5A DUAL 8SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE                   | 49523 pcs                                                                                            |
| DATA SHEET                           |  MCP1405-E/SN.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                                                                         |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                               |
| SERIES                               | -                                                                                                    |
| RISE / FALL TIME (TYP)               | 15ns, 18ns                                                                                           |
| PACKAGING                            | Tube                                                                                                 |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                        |
| OTHER NAMES                          | MCP1405ESN                                                                                           |
| 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-SOIC                                              |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 4.5A, 4.5A                                                                                           |
| CHANNEL TYPE                         | Independent                                                                                          |
| BASE PART NUMBER                     | MCP1405                                                                                              |

### Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP1405-E/SN | MCP1405-E/SN Distributor               | MCP1405-E/SN Supplier                               |
| MCP1405-E/SN Price                         | MCP1405-E/SN Pictures                  | MCP1405-E/SN Image                                  |
| MCP1405-E/SN PDF Datasheet                 | MCP1405-E/SN Download Datasheet        | MCP1405-E/SN Datasheet                              |
| MCP1405-E/SN Stock                         | Buy MCP1405-E/SN                       | Buy Micrel / Microchip Technology MCP1405-E/SN      |
| Micrel / Microchip Technology MCP1405-E/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP1405-E/SN | Microchip Technology MCP1405-E/SN      | Roving Networks / Microchip Technology MCP1405-E/SN |

### Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1405T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A DUAL 8SOIC<br/>In stock: 70889 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1404T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A DUAL 8SOIC<br/>In stock: 52892 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP1405-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.5A DUAL 16SOIC<br/>In stock: 59680 pcs<br/><b>RFQ</b></div>    |  <div><b>MCP1405-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.5A DUAL 8DIP<br/>In stock: 68081 pcs<br/><b>RFQ</b></div>       |
|  <div><b>MCP1405T-E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 4.5A DUAL MOSFET DRIVER<br/>In stock: 4322 pcs<br/><b>RFQ</b></div>        |  <div><b>MCP1405-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.5A DUAL 8DFN<br/>In stock: 52208 pcs<br/><b>RFQ</b></div>      |
|  <div><b>MCP1404T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.5A DUAL 16SOIC<br/>In stock: 66206 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP1405T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A DUAL 8DFN<br/>In stock: 63407 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP1404T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DRIVER 4.5A DUAL 8DFN<br/>In stock: 56887 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP1405T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 4.5A DUAL 16SOIC<br/>In stock: 72943 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MCP1404T-E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 4.5A DUAL MOSFET DRIVER<br/>In stock: 6202 pcs<br/><b>RFQ</b></div>        |  <div><b>MCP1406-E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOSFET DVR 6A TO220-5<br/>In stock: 79612 pcs<br/><b>RFQ</b></div>          |