

MCP1404-E/SN





Part Number: MCP1404-E/SN

Manufacturer: Micrel / Microchip Technology

Description: IC MOSFET DVR 4.5A DUAL 8SOIC

Data sheet:  MCP1403, 04, 05

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |                                      |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------|-------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP1404-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                                                                                                                                                                                                                                                                                                                                                                                                                    | 61064 pcs                                    | Data sheet                           | MCP1403, 04, 05               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | Integrated Circuits (ICs)                    | 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                          | MCP1404ESN                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 150°C (TJ)                           | Number of Drivers                    | 2                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                                | Moisture Sensitivity Level (MSL)     | 1 (Unlimited)                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                       | 12 Weeks                                     | Logic Voltage - VIL, VIH             | 0.8V, 2.4V                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                   | Input Type                           | Non-Inverting                 |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                             | IGBT, N-Channel, P-Channel MOSFET            | Driven Configuration                 | Low-Side                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | Low-Side Gate Driver IC Non-Inverting 8-SOIC | Current - Peak Output (Source, Sink) | 4.5A, 4.5A                    |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                          | Independent                                  | Base Part Number                     | MCP1404                       |
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|  | Part#: MCP1404-E/SNVAO<br>Description: 4.5A DUAL MOSFET DRIVER        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1404T-E/MF<br>Description: IC MOSFET DRIVER 4.5A DUAL 8DFN  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1404-E/SO<br>Description: IC MOSFET DVR 4.5A DUAL 16SOIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1405-E/P<br>Description: IC MOSFET DVR 4.5A DUAL 8DIP       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1403-E/SO<br>Description: IC MOSFET DVR 4.5A DUAL 16-SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1404T-E/SO<br>Description: IC MOSFET DVR 4.5A DUAL 16SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1402T-E/OT<br>Description: IC MOSFET DRIVER 500MA SOT23-5   | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP1403T-E/SO<br>Description: IC MOSFET DVR 4.5A DUAL 16SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
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