

MCP14A0154T-E/MS





Part Number: MCP14A0154T-E/MS

Manufacturer: Micrel / Microchip Technology

Description: IC MOSFET DVR 1.5A DUAL 8MSOP

Data sheet:  MCP14A0153/4/5

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                                                                                                                                                                                                                                                                                                                                                                                                                               | MCP14A0154T-E/MS                       | Manufacturer                    | Micrel / Microchip Technology                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MOSFET DVR 1.5A DUAL 8MSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 89024 pcs                              | Data sheet                      | MCP14A0153/4/5                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)              | Voltage - Supply                | 4.5 V ~ 18 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-MSOP                                 | Series                          | -                                            |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                    | 11.5ns, 10ns                           | Packaging                       | Tape & Reel (TR)                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 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 | 8 Weeks                                      |
| Logic Voltage - VIL, VIH                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.8V, 2V                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                | Non-Inverting                          | Gate Type                       | N-Channel, P-Channel MOSFET                  |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                      | Low-Side                               | Detailed Description            | Low-Side Gate Driver IC Non-Inverting 8-MSOP |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                      | 1.5A, 1.5A                             | Channel Type                    | Independent                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | MCP14A0154                             |                                 |                                              |
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|  | Part#: MCP14A0153T-E/MNY<br>Description: IC MOSFET DVR 1.5A DUAL 8TDFN    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0153T-E/MS<br>Description: IC MOSFET DVR 1.5A DUAL 8MSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0303-E/SN<br>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0153-E/SN<br>Description: IC MOSFET DVR 1.5A DUAL 8SOIC      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0155-E/MS<br>Description: IC MOSFET DVR 1.5A DUAL 8MSOP      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0303-E/MNY<br>Description: 3.0A MATCHED, HIGH -SPEED, LOW-S  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0153T-E/SN<br>Description: IC MOSFET DVR 1.5A DUAL 8SOIC     | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP14A0152T-E/CH<br>Description: IC MOSFET DVR 1.5A SINGLE SOT-23  | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP14A0155-E/SN<br>Description: IC MOSFET DVR 1.5A DUAL 8SOIC      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0155T-E/SN<br>Description: IC MOSFET DVR 1.5A DUAL 8SOIC     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP14A0154T-E/SN<br>Description: IC MOSFET DVR 1.5A DUAL 8SOIC     | Manufacturers: Micrel / Microchip Technology | RFQ |
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