

MIC2025-1YMM





Part Number:

MIC2025-1YMM

Manufacturer

Micrel / Microchip Technology

Description

IC DISTRIBUTION SW SGL 8-MSOP

Data sheet:

 [MIC2025, MIC2075](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MIC2025-1YMM with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |                                  |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MIC2025-1YMM                                 | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC DISTRIBUTION SW SGL 8-MSOP                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 110312 pcs                                   | Data sheet                       | <a href="#">MIC2025, MIC2075</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply (Vcc/Vdd)       | Not Required                                     |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.7 V ~ 5.5 V                                | Switch Type                      | General Purpose                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-MSOP                                       | Series                           | MM8™                                             |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 90 mOhm                                      | Ratio - Input:Output             | 1:1                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tube                                         | Package / Case                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N-Channel                                    | Output Configuration             | High Side                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 576-1691-5<br>MIC2025-1YMM-ND<br>MIC20251YMM | Operating Temperature            | -40°C ~ 85°C (TA)                                |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                            | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10 Weeks                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                       |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | On/Off                                       | Input Type                       | Non-Inverting                                    |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Slew Rate Controlled, Status Flag            | Fault Protection                 | Current Limiting (Fixed), Over Temperature, UVLO |
| Current - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 500mA                                        | Base Part Number                 | MIC2025                                          |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
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