

MIC502YN



Part Number: [MIC502YN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MOTOR CONTROLLER PAR 8DIP

Data sheet:  [MIC502](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                  |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | MIC502YN                                  | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MOTOR CONTROLLER PAR 8DIP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 5140 pcs                                  | Data sheet                       | <a href="#">MIC502</a>                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 4 V ~ 13.2 V                                  |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Technology                       | Bipolar                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                          | 8-PDIP                                    | Step Resolution                  | -                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Packaging                        | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-DIP (0.300", 7.62mm)                    | Output Configuration             | Pre-Driver - Low Side                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                      | 576-1242                                  | Operating Temperature            | -40°C ~ 85°C (TA)                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                    | Through Hole                              | Motor Type - Stepper             | -                                             |
| Motor Type - AC, DC                                                                                                                                                                                                                                                                                                                                                                                                              | Brushless DC (BLDC)                       | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | Interface                        | Parallel                                      |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                         | Controller - Speed                        | Detailed Description             | Motor Driver Bipolar Parallel 8-PDIP          |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Base Part Number                 | MIC502                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                     | Fan Controller                            |                                  |                                               |
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