

MCP8025-115H/PT



**Part Number:** MCP8025-115H/PT

**Manufacturer:** Micrel / Microchip Technology

**Description:** IC MOTOR CONTROLLER

**Data sheet:**  MCP8025,26 Datasheet

**RoHs Status:** Lead free / RoHS Compliant

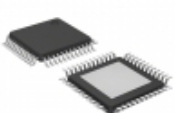
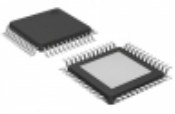
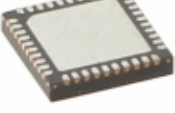
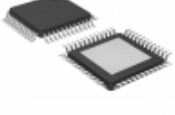
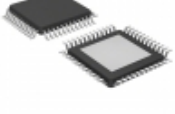
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP8025-115H/PT                           | Manufacturer                   | Micrel / Microchip Technology                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MOTOR CONTROLLER                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 43919 pcs                                 | Data sheet                     | MCP8025,26 Datasheet                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | Integrated Circuits (ICs)                 | Voltage - Supply               | 6 V ~ 19 V                                     |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Technology                     | NMOS, PMOS                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                  | 48-TQFP (7x7)                             | Step Resolution                | -                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | Automotive, AEC-Q100                      | Packaging                      | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 48-TQFP Exposed Pad                       | Output Configuration           | Pre-Driver - Half Bridge (3)                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 150°C (TA)                        | Mounting Type                  | Surface Mount                                  |
| Motor Type - Stepper                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Motor Type - AC, DC            | Brushless DC (BLDC)                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                     |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                | PWM                                       | Function                       | Controller - Commutation, Direction Management |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | Motor Driver NMOS, PMOS PWM 48-TQFP (7x7) | Current - Output               | -                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | MCP8025                                   | Applications                   | General Purpose                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 43919 pieces of Micrel / Microchip Technology MCP8025-115H/PT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                |                                                |

| RELATED PRODUCTS                                                                   |                                                                         |                                              |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP795W22-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8025-115H/MP<br>Description: IC MOTOR CONTROLLER              | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8026-115E/PT<br>Description: IC MOTOR CONTROLLER 48TQFP       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8024-H/PT<br>Description: IC MOTOR CONTROLLER 48TQFP          | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8026-115E/MP<br>Description: IC MOTOR CONTROLLER 40QFN        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8025A-115H/MPVAO<br>Description: MOTOR GATE DRIVER            | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W22T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8024-H/MP<br>Description: IC MOTOR CONTROLLER 40QFN           | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8026-115H/PT<br>Description: IC MOTOR CONTROLLER              | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8025AT-115H/MPVAO<br>Description: MOTOR GATE DRIVER           | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8026-115H/MP<br>Description: IC MOTOR CONTROLLER              | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8025T-115E/MP<br>Description: IC MOTOR CONTROLLER             | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8025-115E/MP<br>Description: IC MOTOR CONTROLLER 40QFN        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8025-115E/PT<br>Description: IC MOTOR CONTROLLER 48TQFP       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8024T-H/PT<br>Description: IC MOTOR CONTROLLER 48TQFP         | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8024T-H/MP<br>Description: IC MOTOR CONTROLLER 40QFN          | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W22T-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP8025T-115E/PT<br>Description: IC MOTOR CONTROLLER             | Manufacturers: Micrel / Microchip Technology | RFQ |
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| Related keywords for MCP8025-115H/PT          |                                      |                                                        |                       |
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