

MTD6508-E/NA



Part Number: [MTD6508-E/NA](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MOTOR DRIVER PAR 10UDFN

Data sheet:  [MTD6508 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

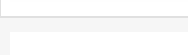
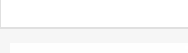
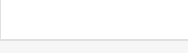
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                    |                                 |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MTD6508-E/NA                                       | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MOTOR DRIVER PAR 10UDFN                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 87234 pcs                                          | Data sheet                      | <a href="#">MTD6508 Datasheet</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>          | Voltage - Supply                | 2 V ~ 5.5 V                                   |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 V ~ 5.5 V                                        | Technology                      | Power MOSFET                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10-UDFN (3x3)                                      | Step Resolution                 | -                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                  | Packaging                       | Tray                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10-UFDFN Exposed Pad                               | Output Configuration            | Half Bridge (3)                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 125°C (TA)                                 | Mounting Type                   | Surface Mount                                 |
| Motor Type - Stepper                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                  | Motor Type - AC, DC             | Brushless DC (BLDC)                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 (Unlimited)                                      | Manufacturer Standard Lead Time | 5 Weeks                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                         | Interface                       | PWM                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Driver - Fully Integrated, Control and Power Stage | Detailed Description            | Motor Driver Power MOSFET PWM 10-UDFN (3x3)   |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1A                                                 | Base Part Number                | MTD6508                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | General Purpose                                    |                                 |                                               |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                                     |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MTD6502B-LC1-00</a><br>Description: IC MOTOR DRIVER PAR 10TDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6502B-HC1-00</a><br>Description: IC MOTOR DRIVER PAR 10TDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6N15T4</a><br>Description: MOSFET N-CH 150V 6A DPAK          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6502B-LC1-02</a><br>Description: IC MOTOR DRIVER PAR 10TDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6N15T4GV</a><br>Description: MOSFET N-CH 150V 5A DPAK        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6N20ET4</a><br>Description: MOSFET N-CH 200V 6A DPAK         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6505T-E/NA</a><br>Description: IC MOTOR DRIVER PAR 10UDFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6502B-LC1-01</a><br>Description: IC MOTOR DRIVER PAR 10TDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6N15T4G</a><br>Description: MOSFET N-CH 150V 6A DPAK         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6501G-LC1</a><br>Description: IC MOTOR DRIVER PWM 8SOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6502B-HC1-01</a><br>Description: IC MOTOR DRIVER PAR 10TDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD8000D1</a><br>Description: PHOTOTRANSISTOR 900NM 3MM DOMED   | Manufacturers: <a href="#">Marktech Optoelectronics</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6N20ET5G</a><br>Description: MOSFET N-CH 200V 6A DPAK        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6N20ET4G</a><br>Description: MOSFET N-CH 200V 6A DPAK        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6508-ADJE/JQ</a><br>Description: IC MOTOR DRIVER PAR 16UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6502B-HC1-02</a><br>Description: IC MOTOR DRIVER PAR 10TDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6501G-HC1</a><br>Description: IC MOTOR DRIVER PWM 8SOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6P10E</a><br>Description: MOSFET P-CH 100V 6A DPAK           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6508T-E/NA</a><br>Description: IC MOTOR DRIVER PAR 10UDFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MTD6508T-ADJE/JQ</a><br>Description: IC MOTOR DRIVER PAR 16UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |

| Related keywords for MTD6508-E/NA          |                                   |                                                     |                    |
|--------------------------------------------|-----------------------------------|-----------------------------------------------------|--------------------|
| Micrel / Microchip Technology MTD6508-E/NA | MTD6508-E/NA distributor          | MTD6508-E/NA supplier                               | MTD6508-E/NA price |
| MTD6508-E/NA download datasheet            | MTD6508-E/NA datasheet            | MTD6508-E/NA stock                                  | buy MTD6508-E/NA   |
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