

DRV8302DCAR



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Part Number: [DRV8302DCAR](#)

Manufacturer: [N/A](#)

Description: [IC MOTOR CONTROLLER PAR 56HTSSOP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

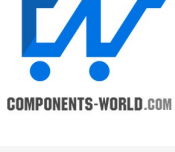
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                       |                                              |                                  |                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | DRV8302DCAR                                  | Manufacturer                     | N/A                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC MOTOR CONTROLLER PAR 56HTSSOP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 30919 pcs                                    | Data sheet                       |                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply                 | 8 V ~ 60 V                                     |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                          | -                                            | Technology                       | Power MOSFET                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                 | 56-HTSSOP                                    | Step Resolution                  | -                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                            | Packaging                        | Tape & Reel (TR)                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                          | 56-TFSOP (0.240", 6.10mm Width) Exposed Pad  | Output Configuration             | Pre-Driver - Half Bridge (3)                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                             | 296-29544-2                                  | 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) | 3 (168 Hours)                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                         | 35 Weeks                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                               | Parallel                                     | Function                         | Controller - Commutation, Direction Management |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                    | Motor Driver Power MOSFET Parallel 56-HTSSOP | Current - Output                 | -                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | DRV8302                                      | Applications                     | General Purpose                                |
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| RELATED PRODUCTS                                                                   |                                                                                                          |                                    |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">DRV8301QDCARQ1</a><br>Description: <a href="#">IC MOTOR CTRLR SPI 56HTSSOP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV83053QPHPRQ1</a><br>Description: <a href="#">IC GATE DRIVER 3-PHASE</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8301-RM48-KIT</a><br>Description: <a href="#">KIT DEV HERCULES RM48/DRV8301</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8304HRHAR</a><br>Description: <a href="#">38V 3-PHASE SMART GATE DRIVER</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8301DCAR</a><br>Description: <a href="#">IC MOTOR CONTROLLER SPI 56HTSSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV83053QPHQP1</a><br>Description: <a href="#">IC GATE DRIVER 3PHASE 48HTQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8302DCA</a><br>Description: <a href="#">IC MOTOR CONTROLLER PAR 56HTSSOP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8301QDCAQ1</a><br>Description: <a href="#">IC MOTOR CTRLR SPI 56HTSSOP</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV83053PHPR</a><br>Description: <a href="#">IC GATE DRIVER 3PHASE 48HTQFP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8303DCAR</a><br>Description: <a href="#">IC MOTOR CTRLR SPI 48HTSSOP</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8303EVM</a><br>Description: <a href="#">EVAL MODULE DRV8303</a>                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8301-LS31-KIT</a><br>Description: <a href="#">KIT EVAL MOTR CTRL LS31/DRV8301</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8301-LS12-KIT</a><br>Description: <a href="#">KIT EVAL FOR DRV8301-LS12</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8304HRHAT</a><br>Description: <a href="#">38V THREE-PHASE SMART GATE DRIVE</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8302-HC-C2-KIT</a><br>Description: <a href="#">KIT EVAL MOTOR CTRL FOR DRV8302</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8303DCA</a><br>Description: <a href="#">IC MOTOR CONTROLLER PAR 48HTSSOP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8301-RM46-KIT</a><br>Description: <a href="#">KIT MOTOR W/DRV8301-RM46</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV83053PHP</a><br>Description: <a href="#">IC GATE DRIVER 3PHASE 48HTQFP</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8305-Q1EVM</a><br>Description: <a href="#">EVALUATION MODULE</a>                   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DRV8301DCA</a><br>Description: <a href="#">IC MOTOR CONTROLLER SPI 56HTSSOP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

| Related keywords for DRV8302DCAR |                         |                      |                   |
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