

N/A



DRV8312DDWR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DRV8312DDWR                                                                                                  |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC BRIDGE DRIVER PAR 44HTSSOP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16156 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of DRV8312DDWR

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| PART NUMBER                      | DRV8312DDWR                                                              |
| MANUFACTURER                     | N/A                                                                      |
| DESCRIPTION                      | IC BRIDGE DRIVER PAR 44HTSSOP                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                               |
| QUANTITY AVAILABLE               | 16156 pcs                                                                |
| DATA SHEET                       |                                                                          |
| VOLTAGE - SUPPLY                 | 10.8 V ~ 13.2 V                                                          |
| VOLTAGE - LOAD                   | 0 V ~ 52.5 V                                                             |
| TECHNOLOGY                       | Power MOSFET                                                             |
| SUPPLIER DEVICE PACKAGE          | 44-HTSSOP                                                                |
| SERIES                           | -                                                                        |
| RDS ON (TYP)                     | 80 mOhm LS, 80 mOhm HS                                                   |
| PACKAGING                        | Original-Reel®                                                           |
| PACKAGE / CASE                   | 44-TSSOP (0.244", 6.20mm Width) Exposed Pad                              |
| OUTPUT CONFIGURATION             | Half Bridge (3)                                                          |
| OTHER NAMES                      | 296-29649-6                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                       |
| MOUNTING TYPE                    | Surface Mount                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                            |
| LOAD TYPE                        | Inductive                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                               |
| INTERFACE                        | PWM                                                                      |
| FEATURES                         | Bootstrap Circuit, Status Flag                                           |
| FAULT PROTECTION                 | Current Limiting, Over Temperature, Short Circuit, UVLO                  |
| DETAILED DESCRIPTION             | Half Bridge (3) Driver DC Motors, General Purpose Power MOSFET 44-HTSSOP |
| CURRENT - PEAK OUTPUT            | 6.5A                                                                     |
| CURRENT - OUTPUT / CHANNEL       | 3.5A                                                                     |
| BASE PART NUMBER                 | DRV8312                                                                  |
| APPLICATIONS                     | DC Motors, General Purpose                                               |

Related Tags

|                           |                                |                       |
|---------------------------|--------------------------------|-----------------------|
| DRV8312DDWR               | DRV8312DDWR Distributor        | DRV8312DDWR Supplier  |
| DRV8312DDWR Price         | DRV8312DDWR Pictures           | DRV8312DDWR Image     |
| DRV8312DDWR PDF Datasheet | DRV8312DDWR Download Datasheet | DRV8312DDWR Datasheet |
| DRV8312DDWR Stock         | Buy DRV8312DDWR                | Buy DRV8312DDWR       |
| DRV8312DDWR               | Supplier                       | Distributor           |

Related Products

|                                                                                    |                                                                                                                       |                                                                                      |                                                                                                                          |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  | <b>DRV8313RHH</b><br>Manufacturers: N/A<br>Description: IC MOTOR DRIVER PAR 36VQFN<br>In stock: 23003 pcs<br>RFQ      |  | <b>DRV8312-69M-KIT</b><br>Manufacturers: N/A<br>Description: KIT EVAL MOTOR CTRL FOR DRV8312<br>In stock: 223 pcs<br>RFQ |
|  | <b>DRV8308RHAR</b><br>Manufacturers: N/A<br>Description: IC MOTOR CONTROLLER SPI 40VQFN<br>In stock: 61873 pcs<br>RFQ |  | <b>DRV8312-C2-KIT</b><br>Manufacturers: N/A<br>Description: KIT EVAL MOTOR CTRL FOR DRV8312<br>In stock: 245 pcs<br>RFQ  |
|  | <b>DRV8313PWPR</b><br>Manufacturers: N/A<br>Description: IC MOTOR DRIVER PAR 28HTSSOP<br>In stock: 54080 pcs<br>RFQ   |  | <b>DRV8313EVM</b><br>Manufacturers: N/A<br>Description: EVALUATION MODULE DRV8313<br>In stock: 1020 pcs<br>RFQ           |
|  | <b>DRV8308RHAT</b><br>Manufacturers: N/A<br>Description: IC MOTOR CONTROLLER SPI 40VQFN<br>In stock: 45786 pcs<br>RFQ |  | <b>DRV8312DDW</b><br>Manufacturers: N/A<br>Description: IC BRIDGE DRIVER PAR 44HTSSOP<br>In stock: 12152 pcs<br>RFQ      |
|  | <b>DRV8312-430FR-KIT</b><br>Manufacturers: N/A<br>Description: KIT DEV DRV8312-430FR<br>In stock: 6952 pcs<br>RFQ     |  | <b>DRV8313RHHR</b><br>Manufacturers: N/A<br>Description: IC MOTOR DRIVER PAR 36VQFN<br>In stock: 26028 pcs<br>RFQ        |
|  | <b>DRV8313PWP</b><br>Manufacturers: N/A<br>Description: IC MOTOR DRIVER PAR 28HTSSOP<br>In stock: 22620 pcs<br>RFQ    |  | <b>DRV8320HRTVR</b><br>Manufacturers: N/A<br>Description: IC 3PHASE GATE DRIVER 32WQFN<br>In stock: 28654 pcs<br>RFQ     |