



Allegro MicroSystems, LLC.



UDQ2559LBTR-T

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UDQ2559LBTR-T                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                          |
| Product description | IC POWER DRVR PROT QUAD 16SOIC                                                                                      |
| Datasheets:         |  <a href="#">UDQ2559LBTR-T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 5743 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of UDQ2559LBTR-T

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UDQ2559LBTR-T                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                            |
| DESCRIPTION                      | IC POWER DRVR PROT QUAD 16SOIC                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 5743 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">UDQ2559LBTR-T.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.75 V ~ 5.25 V                                                                                                       |
| VOLTAGE - LOAD                   | 60V (Max)                                                                                                             |
| SWITCH TYPE                      | Relay, Solenoid Driver                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 16-SOIC                                                                                                               |
| SERIES                           | -                                                                                                                     |
| RDS ON (TYP)                     | -                                                                                                                     |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 16-PowerSOIC (0.295", 7.50mm Width)                                                                                   |
| OUTPUT TYPE                      | Bipolar                                                                                                               |
| OUTPUT CONFIGURATION             | Low Side                                                                                                              |
| OTHER NAMES                      | 620-1316-2<br>UDQ2559LBTR-T-ND                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF OUTPUTS                | 4                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| INTERFACE                        | On/Off                                                                                                                |
| INPUT TYPE                       | Non-Inverting                                                                                                         |
| FEATURES                         | -                                                                                                                     |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature                                                                            |
| CURRENT - OUTPUT (MAX)           | 700mA                                                                                                                 |
| BASE PART NUMBER                 | UDQ2559                                                                                                               |

Related Tags

|                                          |                                        |                                              |
|------------------------------------------|----------------------------------------|----------------------------------------------|
| Allegro MicroSystems, LLC. UDQ2559LBTR-T | UDQ2559LBTR-T Distributor              | UDQ2559LBTR-T Supplier                       |
| UDQ2559LBTR-T Price                      | UDQ2559LBTR-T Pictures                 | UDQ2559LBTR-T Image                          |
| UDQ2559LBTR-T PDF Datasheet              | UDQ2559LBTR-T Download Datasheet       | UDQ2559LBTR-T Datasheet                      |
| UDQ2559LBTR-T Stock                      | Buy UDQ2559LBTR-T                      | Buy Allegro MicroSystems, LLC. UDQ2559LBTR-T |
| Allegro MicroSystems, LLC. UDQ2559LBTR-T | Allegro MicroSystems, LLC. Supplier    | Allegro MicroSystems, LLC. Distributor       |
| Allegro MicroSystems, LLC. UDQ2559LBTR-T | Allegro Microsystems Inc UDQ2559LBTR-T | Allegro MicroSystems, LLC UDQ2559LBTR-T      |

Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>UDQ2916EB</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC MOTOR DRIVER PAR 44PLCC<br/>In stock: 6278 pcs</div> <div>RFQ</div>       |  <div><b>UDQ2559LBTR</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC DRIVER QUAD PROTECTED 16SOIC<br/>In stock: 6056 pcs</div> <div>RFQ</div> |
|  <div><b>DRF1200</b><br/>Manufacturers: Microsemi<br/>Description: IC SWITCH FET DRV HYBRID<br/>In stock: 584 pcs</div> <div>RFQ</div>                             |  <div><b>UDQ2916LBTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC MOTOR DRIVER PAR 24SOIC<br/>In stock: 2922 pcs</div> <div>RFQ</div>    |
|  <div><b>UDQ2559B-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC POWER DRIVER PROT QUAD 16DIP<br/>In stock: 4071 pcs</div> <div>RFQ</div> |  <div><b>UDQ2982LWTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC SOURCE DRIVER 8CHAN 18SOIC<br/>In stock: 5287 pcs</div> <div>RFQ</div> |
|  <div><b>UDQ2916LB</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC MOTOR DRIVER PAR 24SOIC<br/>In stock: 5341 pcs</div> <div>RFQ</div>       |  <div><b>UDQFBFM01CP1</b><br/>Manufacturers: NMB Technologies Corp.<br/>Description: FAN AXIAL 25X10MM 5VDC WIRE<br/>In stock: 4122 pcs</div> <div>RFQ</div>        |
|  <div><b>UDQ2916EBTR</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC MOTOR DRIVER PAR 44PLCC<br/>In stock: 3209 pcs</div> <div>RFQ</div>     |  <div><b>UDQ2982LW-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC SOURCE DRIVER 8CHAN 18SOIC<br/>In stock: 4994 pcs</div> <div>RFQ</div>   |
|  <div><b>UDQ2916LBTR</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC MOTOR DRIVER PAR 24SOIC<br/>In stock: 5866 pcs</div> <div>RFQ</div>     |  <div><b>UDQ2559LB</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC DRIVER QUAD PROTECTED 16SOIC<br/>In stock: 4520 pcs</div> <div>RFQ</div>   |