



MPS (Monolithic Power Systems)

MPQ7731DF-LF

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPQ7731DF-LF                                                                                                       |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                                     |
| Product description | IC AUDIO AMP CLASS D 20TSSOPF                                                                                      |
| Datasheets:         |  <a href="#">MPQ7731DF-LF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

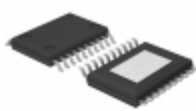
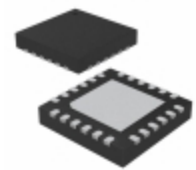
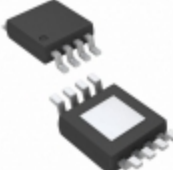
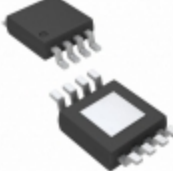
Specifications of MPQ7731DF-LF

|                                    |                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                        | MPQ7731DF-LF                                                                                                         |
| MANUFACTURER                       | MPS (Monolithic Power Systems)                                                                                       |
| DESCRIPTION                        | IC AUDIO AMP CLASS D 20TSSOPF                                                                                        |
| LEAD FREE STATUS / ROHS STATUS     | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                         |  <a href="#">MPQ7731DF-LF.pdf</a> |
| VOLTAGE - SUPPLY                   | 9.5 V ~ 18 V                                                                                                         |
| TYPE                               | Class D                                                                                                              |
| SUPPLIER DEVICE PACKAGE            | 20-TSSOPF-EP                                                                                                         |
| SERIES                             | -                                                                                                                    |
| PACKAGING                          | Tube                                                                                                                 |
| PACKAGE / CASE                     | 20-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                          |
| OUTPUT TYPE                        | 1-Channel (Mono)                                                                                                     |
| OTHER NAMES                        | 1589-1318<br>1589-1318-2<br>1589-1318-2-ND<br>MPQ7731DF-AEC1-LF<br>MPQ7731DF-LF-ND                                   |
| OPERATING TEMPERATURE              | -40°C ~ 125°C (TJ)                                                                                                   |
| MOUNTING TYPE                      | Surface Mount                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)   | 2A (4 Weeks)                                                                                                         |
| MAX OUTPUT POWER X CHANNELS @ LOAD | 30W x 1 @ 4 Ohm                                                                                                      |
| MANUFACTURER STANDARD LEAD TIME    | 19 Weeks                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS     | Lead free / RoHS Compliant                                                                                           |
| FEATURES                           | Depop, Mute, Short-Circuit and Thermal Protection                                                                    |
| DETAILED DESCRIPTION               | Amplifier IC 1-Channel (Mono) Class D 20-TSSOPF-EP                                                                   |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| MPS (Monolithic Power Systems) MPQ7731DF-LF | MPQ7731DF-LF Distributor                | MPQ7731DF-LF Supplier                           |
| MPQ7731DF-LF Price                          | MPQ7731DF-LF Pictures                   | MPQ7731DF-LF Image                              |
| MPQ7731DF-LF PDF Datasheet                  | MPQ7731DF-LF Download Datasheet         | MPQ7731DF-LF Datasheet                          |
| MPQ7731DF-LF Stock                          | Buy MPQ7731DF-LF                        | Buy MPS (Monolithic Power Systems) MPQ7731DF-LF |
| MPS (Monolithic Power Systems) MPQ7731DF-LF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor      |
| MPS (Monolithic Power Systems) MPQ7731DF-LF | Monolithic Power Systems MPQ7731DF-LF   | Monolithic Power Systems Inc. MPQ7731DF-LF      |
| MPS (Monolithic Power Systems) MPQ7731DF-LF |                                         |                                                 |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                  |
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|  <div><b>MPQ7731DF-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC AUDIO AMP CLASS D 20TSSOPF<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPQ7053</b><br/>Manufacturers: Central Semiconductor<br/>Description: TRANS 2NPN/2PNP 250V 0.5A<br/>In stock: Out stock<br/><div>RFQ</div></div>                     |
|  <div><b>MPQ6526GU-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HEX HALF-BRIDGE MOTOR DRIVER WIT<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPQ8039GN</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC HALF-BRIDGE PWM 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
|  <div><b>MPQ7043</b><br/>Manufacturers: Central Semiconductor<br/>Description: TRANS 4NPN 250V 0.5A<br/>In stock: 4 pcs<br/><div>RFQ</div></div>                                   |  <div><b>MPQ8612GL-12-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 12A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MPQ7093</b><br/>Manufacturers: Central Semiconductor<br/>Description: TRANS 4PNP 250V 0.5A<br/>In stock: 236 pcs<br/><div>RFQ</div></div>                                 |  <div><b>MPQ7731DF-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC AUDIO AMP CLASS D 20TSSOPF<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPQ8039GN-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC HALF-BRIDGE PWM 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>             |  <div><b>MPQ8039GN-AEC1</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC HALF-BRIDGE PWM 8-SOIC<br/>In stock: 594 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MPQ6700</b><br/>Manufacturers: Central Semiconductor<br/>Description: TRANS 2NPN/2PNP 40V 0.2A<br/>In stock: 265 pcs<br/><div>RFQ</div></div>                             |  <div><b>MPQ8039GN-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC HALF-BRIDGE PWM 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |