



MPS (Monolithic Power Systems)

MPQ8039GN-AEC1

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| Part Number: | MPQ8039GN-AEC1 |
| Manufacturer/Brand: | MPS (Monolithic Power Systems) |
| Product description: | IC HALF-BRIDGE PWM 8-SOIC |
| Datasheets: | |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 36752 pcs stock |
| 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 MPQ8039GN-AEC1

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|----------------------------------|---|
| PART NUMBER | MPQ8039GN-AEC1 |
| MANUFACTURER | MPS (Monolithic Power Systems) |
| DESCRIPTION | IC HALF-BRIDGE PWM 8-SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 36752 pcs |
| DATA SHEET | |
| VOLTAGE - SUPPLY | 7.5 V ~ 24 V |
| VOLTAGE - LOAD | 7.5 V ~ 24 V |
| TECHNOLOGY | Power MOSFET |
| SUPPLIER DEVICE PACKAGE | 8-SOIC-EP |
| SERIES | Automotive, AEC-Q100 |
| RDS ON (TYP) | 100 mOhm |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| OUTPUT CONFIGURATION | Half Bridge |
| OTHER NAMES | 1589-1435 |
| OPERATING TEMPERATURE | -40°C ~ 125°C (TJ) |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks) |
| LOAD TYPE | Inductive |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| INTERFACE | PWM |
| FEATURES | - |
| FAULT PROTECTION | Current Limiting, Over Temperature, UVLO |
| DETAILED DESCRIPTION | Half Bridge Driver General Purpose Power MOSFET 8-SOIC-EP |
| CURRENT - PEAK OUTPUT | 9A |
| CURRENT - OUTPUT / CHANNEL | 4.25A |
| APPLICATIONS | General Purpose |

Related Tags

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| MPS (Monolithic Power Systems) MPQ8039GN-AEC1 | | |

Related Products

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| <p>MPQ7731DF-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC AUDIO AMP CLASS D 20TSSOPF In stock: 31073 pcs</p> <p>RFQ</p> | <p>MPQ8039GN-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC HALF-BRIDGE PWM 8-SOIC In stock: 85653 pcs</p> <p>RFQ</p> |
| <p>MPQ7731DF-AEC1-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC AUDIO AMP CLASS D 20TSSOPF In stock: 28660 pcs</p> <p>RFQ</p> | <p>MPQ8039GN-AEC1-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC HALF-BRIDGE PWM 8-SOIC In stock: 72012 pcs</p> <p>RFQ</p> |
| <p>MPQ8612GR-16-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 16A SYNC In stock: 35403 pcs</p> <p>RFQ</p> | <p>MPQ8039GN Manufacturers: MPS (Monolithic Power Systems) Description: IC HALF-BRIDGE PWM 8-SOIC In stock: 47501 pcs</p> <p>RFQ</p> |
| <p>MPQ7053 Manufacturers: Central Semiconductor Description: TRANS 2NPN/2PNP 250V 0.5A In stock: 4575 pcs</p> <p>RFQ</p> | <p>MPQ8612GL-12-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 12A SYNC In stock: 43244 pcs</p> <p>RFQ</p> |
| <p>MPQ8612GR-16-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 16A SYNC In stock: 27759 pcs</p> <p>RFQ</p> | <p>MPQ8612GL-12-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 12A SYNC In stock: 17353 pcs</p> <p>RFQ</p> |
| <p>MPQ7731DF-LF Manufacturers: MPS (Monolithic Power Systems) Description: IC AUDIO AMP CLASS D 20TSSOPF In stock: 13222 pcs</p> <p>RFQ</p> | <p>MPQ7093 Manufacturers: Central Semiconductor Description: TRANS 4PNP 250V 0.5A In stock: 17109 pcs</p> <p>RFQ</p> |