




MPS (Monolithic Power Systems)

MPQ8039GN-AEC1-Z

Part Number:	MPQ8039GN-AEC1-Z
Manufacturer/Brand:	MPS (Monolithic Power Systems)
Product description:	IC HALF-BRIDGE PWM 8-SOIC
Datasheets:	MPQ8039GN-AEC1-Z.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of MPQ8039GN-AEC1-Z

PART NUMBER	MPQ8039GN-AEC1-Z
MANUFACTURER	MPS (Monolithic Power Systems)
DESCRIPTION	IC HALF-BRIDGE PWM 8-SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MPQ8039GN-AEC1-Z.pdf
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	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width) Exposed Pad
OUTPUT CONFIGURATION	Half Bridge
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER STANDARD LEAD TIME	20 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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 <p>MPQ8612GL-12-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 12A SYNC In stock: Out stock</p> <p>RFQ</p>	 <p>MPQ7731DF-LF Manufacturers: MPS (Monolithic Power Systems) Description: IC AUDIO AMP CLASS D 20TSSOPF In stock: 74 pcs</p> <p>RFQ</p>
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 <p>MPQ7731DF-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC AUDIO AMP CLASS D 20TSSOPF In stock: Out stock</p> <p>RFQ</p>	 <p>MPQ8612GR-20-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 20A SYNC In stock: Out stock</p> <p>RFQ</p>