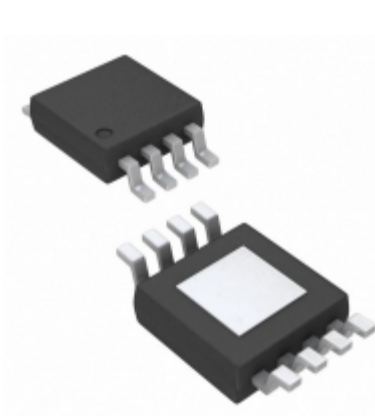


MPQ8039GN-AEC1



Part Number: [MPQ8039GN-AEC1](#)

Manufacturer: [MPS \(Monolithic Power Systems\)](#)

Description: IC HALF-BRIDGE PWM 8-SOIC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

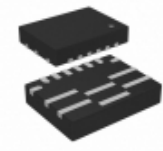
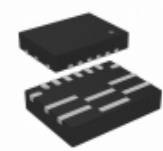
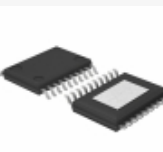
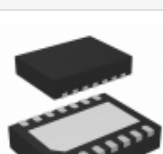
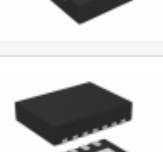
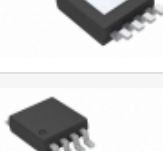
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
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	75096 pcs	Data sheet	
Category	Integrated Circuits (ICs)	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)
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

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	Part#: MPQ7053 Description: TRANS 2NPN/2PNP 250V 0.5A	Manufacturers: Central Semiconductor	RFQ
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	Part#: MPQ6526GU-AEC1-P Description: HEX HALF-BRIDGE MOTOR DRIVER WIT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ7043 Description: TRANS 4NPN 250V 0.5A	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ6526GU-AEC1-Z Description: HEX HALF-BRIDGE MOTOR DRIVER WIT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ6700 Description: TRANS 2NPN/2PNP 40V 0.2A	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ7731DF-LF-Z Description: IC AUDIO AMP CLASS D 20TSSOPF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GR-16-Z Description: IC REG BUCK ADJ 16A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ8039GN-AEC1-Z Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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