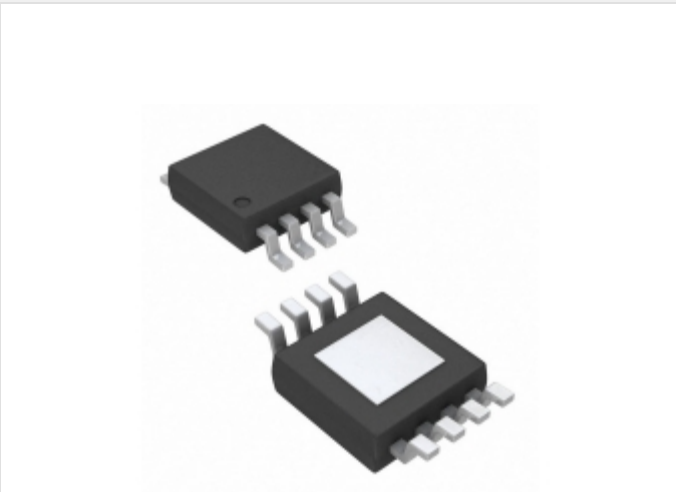


MPQ8039GN



Part Number: [MPQ8039GN](#)

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

Description: IC HALF-BRIDGE PWM 8-SOIC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

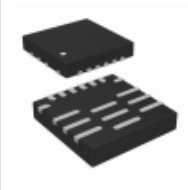
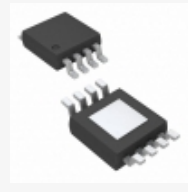
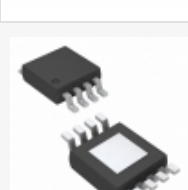
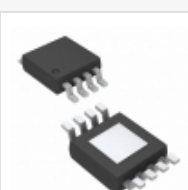
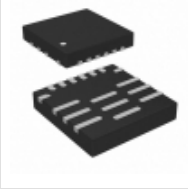
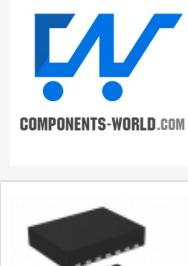
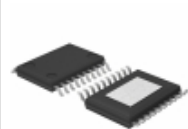
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MPQ8039GN	Manufacturer	MPS (Monolithic Power Systems)
Description	IC HALF-BRIDGE PWM 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	42264 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
Operating Temperature	-40°C ~ 125°C (TJ)	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	2A (4 Weeks)	Manufacturer Standard Lead Time	19 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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RELATED PRODUCTS			
	Part#: MPQ8612GR-20-Z Description: IC REG BUCK ADJ 20A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8039GN-AEC1-Z Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ7053 Description: TRANS 2NPN/2PNP 250V 0.5A	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ8039GN-AEC1 Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8039GN-Z Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ7043 Description: TRANS 4NPN 250V 0.5A	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ7731DF-LF-Z Description: IC AUDIO AMP CLASS D 20TSSOPF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ6526GU-AEC1-Z Description: HEX HALF-BRIDGE MOTOR DRIVER WIT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ6526GU-AEC1-P Description: HEX HALF-BRIDGE MOTOR DRIVER WIT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ7731DF-LF Description: IC AUDIO AMP CLASS D 20TSSOPF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GR-16-P Description: IC REG BUCK ADJ 16A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ6526GR-AEC1-Z Description: HEX HALF-BRIDGE MOTOR DRIVER WIT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8616GL-12-P Description: IC REG BUCK ADJ 12A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ6700 Description: TRANS 2NPN/2PNP 40V 0.2A	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ7731DF-AEC1-LF-Z Description: IC AUDIO AMP CLASS D 20TSSOPF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ7093 Description: TRANS 4PNP 250V 0.5A	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ8612GL-12-P Description: IC REG BUCK ADJ 12A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GR-20-P Description: IC REG BUCK ADJ 20A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GR-16-Z Description: IC REG BUCK ADJ 16A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GL-12-Z Description: IC REG BUCK ADJ 12A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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