

MP2276GD-Z



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Part Number: [MP2276GD-Z](#)

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

Description: 8A, 4-16V INPUT, HIGH-EFFICIENCY

Data sheet:

RoHs Status: Lead free / RoHS Compliant

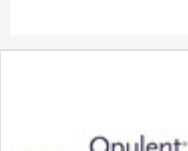
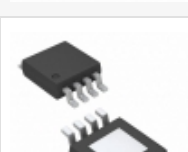
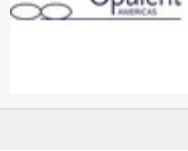
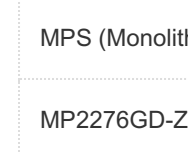
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PRODUCT PARAMETER			
Part Number	MP2276GD-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	8A, 4-16V INPUT, HIGH-EFFICIENCY	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	89588 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	6V	Voltage - Input (Min)	4V
Voltage - Input (Max)	16V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	14-QFN (2x3)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	14-VFQFN	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	2MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 8A 14-VFQFN
Current - Output	8A		
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	Part#: MP22K00 Description: MP22K00 0.05% BULK	Manufacturers: Vishay Precision Group	RFQ
	Part#: MP22T1-C24-2780-T2S-2-00 Description: MOD BLOCK XHP70 2700K	Manufacturers: Opulent Americas	RFQ
	Part#: MP22T1-C24-2780-DWC-2-00 Description: MOD BLOCK XHP70 2700K	Manufacturers: Opulent Americas	RFQ
	Part#: MP2263GD-P Description: 30V, 3A, LOW IQSYNCHRONOUS STEP-	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP22T1-C24-2780-M-2-00 Description: MOD BLOCK XHP70 2700K	Manufacturers: Opulent Americas	RFQ
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	Part#: MP2269GD-Z Description: 30V, 1A, LOW IQSYNCHRONOUS STEP-	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2240GJ-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP2249DQT-LF-P Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP22T1-C24-2780-T3-1-00 Description: MOD BLOCK, XHP70.2, IP RATED, SQ	Manufacturers: Opulent Americas	RFQ
	Part#: MP2269GD-P Description: 30V, 1A, LOW IQSYNCHRONOUS STEP-	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2276GD-P Description: 8A, 4-16V INPUT, HIGH-EFFICIENCY	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2263GD-Z Description: 30V, 3A, LOW IQSYNCHRONOUS STEP-	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP22T1-C24-2780-T2S-1-00 Description: MOD BLOCK XHP70 2700K	Manufacturers: Opulent Americas	RFQ

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