

MP28300GG-Z



Part Number: [MP28300GG-Z](#)

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

Description: ULTRA-LOW 500NA IQ, WIDE INPUT 2

Data sheet:

RoHs Status: Lead free / RoHS Compliant

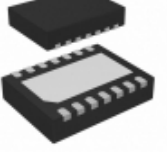
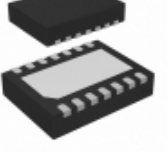
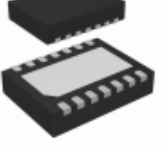
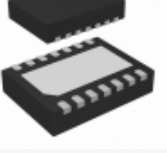
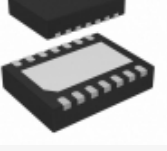
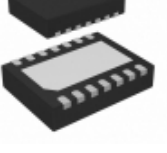
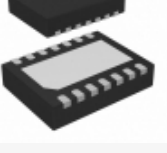
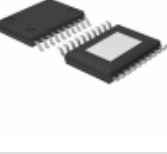
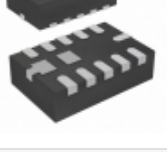
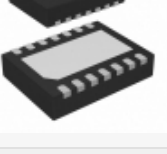
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PRODUCT PARAMETER			
Part Number	MP28300GG-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	ULTRA-LOW 500NA IQ, WIDE INPUT 2	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	84258 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.782V
Voltage - Output (Max)	1.818V	Voltage - Input (Min)	2V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	12-QFN (2x2)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	12-VFQFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	2	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	1.5MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 1.782V 2 Output 300mA 12-VFQFN Exposed Pad
Current - Output	300mA		
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	Part#: MP28W23G30 Description: CONTACT PIN 28-30AWG CRIMP GOLD	Manufacturers: Amphenol Tuchel Electronics	RFQ
	Part#: MP28301GG-P Description: ULTRA-LOW 500NA IQ, WIDE INPUT 2	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28490DN-LF Description: IC REG BUCK ADJ 5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28300GG-P Description: ULTRA-LOW 500NA IQ, WIDE INPUT 2	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2905EK-LF-Z Description: IC REG BUCK ADJ SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28266DL-LF-P Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28W23F Description: CONTACT PIN 28-30AWG CRIMP GOLD	Manufacturers: Amphenol Tuchel Electronics	RFQ
	Part#: MP28266DL-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28262EL-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28265EL-LF-P Description: IC REG BUCK ADJ 5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP28262EL-LF-P Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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