

MP2918GF-Z



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Part Number: [MP2918GF-Z](#)

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

Description: 4V-40V INPUT, CURRENT MODE SYNCH

Data sheet:

RoHs Status: Lead free / RoHS Compliant

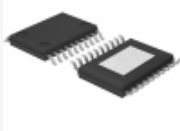
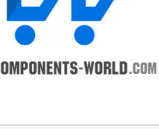
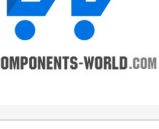
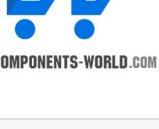
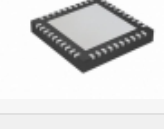
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MP2918GF-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	4V-40V INPUT, CURRENT MODE SYNCH	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	86202 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4 V ~ 40 V
Topology	Buck	Synchronous Rectifier	Yes
Series	-	Serial Interfaces	-
Output Type	PWM Signal	Output Phases	1
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	2A (4 Weeks)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	100kHz ~ 1MHz
Duty Cycle (Max)	99.5%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC
Control Features	Enable, Frequency Control, Power Good, Soft Start	Clock Sync	Yes
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RELATED PRODUCTS			
	Part#: MP2930GQK-LF-P Description: IC PWM CONTROLLER PMBUS	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2908AGF Description: 4V-60V INPUT, CURRENT MODE SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2905EK-LF-Z Description: IC REG BUCK ADJ SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2935DQK-LF-P Description: IC PWM CONTROLLER PMBUS	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2930GQK-LF-Z Description: IC PWM CONTROLLER PMBUS	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2905EK-LF-P Description: IC REG BUCK ADJ SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2935DQK-LF-Z Description: IC PWM CONTROLLER PMBUS	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2932GQK-LF-Z Description: IC PWM CONTROLLER PMBUS	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2908AGF-Z Description: 4V-60V INPUT, CURRENT MODE SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2918GL-P Description: 4V-40V INPUT, CURRENT MODE SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2918GF Description: 4V-40V INPUT, CURRENT MODE SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2905EK-LF Description: HYSTERETIC SYNCH BUCK CONTROLLER	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2908AGL-P Description: 4V-60V INPUT, CURRENT MODE SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28W23F Description: CONTACT PIN 28-30AWG CRIMP GOLD	Manufacturers: Amphenol Tuchel Electronics	RFQ
	Part#: MP28W23G30 Description: CONTACT PIN 28-30AWG CRIMP GOLD	Manufacturers: Amphenol Tuchel Electronics	RFQ
	Part#: MP2918GL-Z Description: 4V-40V INPUT, CURRENT MODE SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2932GQK-LF-P Description: IC PWM CONTROLLER PMBUS	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2908AGL-Z Description: 4V-60V INPUT, CURRENT MODE SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2953BGU-0000-Z Description: IC PWM CONTROLLER PMBUS	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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