

MP3910AGS



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Part Number: [MP3910AGS](#)

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

Description: PEAK CURRENT MODE BOOST PWM CONT

Data sheet:

RoHS Status: Lead free / RoHS Compliant

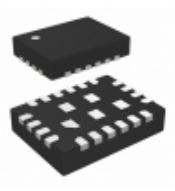
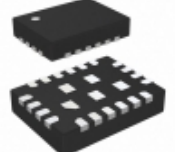
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MP3910AGS	Manufacturer	MPS (Monolithic Power Systems)
Description	PEAK CURRENT MODE BOOST PWM CONT	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	58734 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	9 V ~ 14 V
Topology	Boost	Synchronous Rectifier	No
Supplier Device Package	8-SOIC	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	PWM Signal
Output Phases	1	Output Configuration	Positive
Other Names	1589-1918 MP3910AGS-ND	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	18 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up	Frequency - Switching	30kHz ~ 400kHz
Duty Cycle (Max)	95%	Detailed Description	Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SOIC
Control Features	Current Limit, Frequency Control, Soft Start	Clock Sync	No
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RELATED PRODUCTS			
	Part#: MP38900DL-LF-Z Description: IC REG BUCK ADJ 10A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP3910GK Description: IC REG CTRLR MULT TOP 10MSOP	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP38900DL-B-LF-Z Description: IC REG BUCK ADJ 10A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP3900DK-LF-P Description: IC REG CTRLR BOOST 8MSOP	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP38CL Description: IC OPAMP POWER 2MHZ 30DIP	Manufacturers: Apex Microtechnology	RFQ
	Part#: MP3H6115A6T1 Description: SENSOR PRESS 16.7PSI MAX 8-SSOP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MP3H6115AC6T1 Description: SENSOR PRESS 16.7PSI MAX 8-SSOP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MP3910AGS-Z Description: PEAK CURRENT MODE BOOST PWM CONT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP3H6115A6U Description: IC PRESSURE SENSOR 16.7PSI 8SSOP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MP3H6115AC6U Description: IC PRESSURE SENSOR 16.7PSI 8SSOP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MP38900DL-B-LF-P Description: IC REG BUCK ADJ 10A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP3908DK-LF-Z Description: IC REG CTRLR MULT TOP 10MSOP	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP3900DK-LF-Z Description: IC REG CTRLR BOOST 8MSOP	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP38CLA Description: IC OPAMP POWER 2MHZ 30DIP	Manufacturers: Apex Microtechnology	RFQ
	Part#: MP3908DK-LF-P Description: IC REG CTRLR MULT TOP 10MSOP	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP39CL Description: IC OPAMP POWER 2MHZ 30DIP	Manufacturers: Apex Microtechnology	RFQ
	Part#: MP3910GK-Z Description: IC REG CTRLR MULT TOP 10MSOP	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP38900DL-LF-P Description: IC REG BUCK ADJ 10A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP3940-0M0 Description: FERRITE PLATE 100MMX56MMX1.1MM	Manufacturers: Laird Technologies	RFQ
	Part#: MP39CLA Description: IC OPAMP POWER 2MHZ 30DIP	Manufacturers: Apex Microtechnology	RFQ

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