

MPQ2560DN-LF



Part Number: [MPQ2560DN-LF](#)

Manufacturer: [Monolithic Power Systems Inc.](#)

Description: IC REG BUCK ADJ 2.5A

Data sheet:

RoHs Status: Lead free / RoHS Compliant

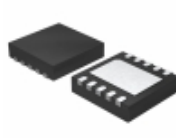
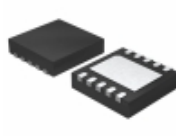
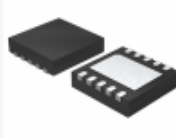
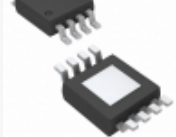
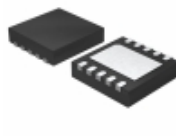
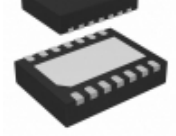
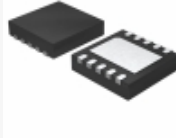
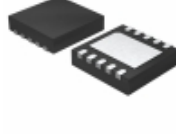
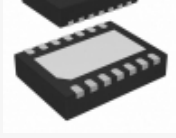
Ship From: Hong Kong

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Images are for reference only.
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PRODUCT PARAMETER			
Part Number	MPQ2560DN-LF	Manufacturer	Monolithic Power Systems Inc.
Description	IC REG BUCK ADJ 2.5A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23991 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Start Up	Buck
Voltage - Output (Max)	0.8V	Voltage - Input (Max)	42V
Voltage - Dropout (Typical)	4.5V	Voltage - Breakdown	8-SOICE
Series	-	RoHS Status	Tube
Regulator Topology	2.5A	Polarization	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Output Type	Adjustable	Output Configuration	1
Output	Step-Down	Operating Temperature	-40°C ~ 85°C (TA)
Number of DAC's	Up to 4MHz	Noise - 0.1Hz to 10Hz	39V
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2A (4 Weeks)
Manufacturer Standard Lead Time	10 Weeks	Manufacturer Part Number	MPQ2560DN-LF
Expanded Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 2.5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Description	IC REG BUCK ADJ 2.5A
Contact Rating @ Voltage	Positive	Clock Sync	No
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RELATED PRODUCTS			
	Part#: MPQ2735GG-Z Description: INDUSTRIAL GRADE, LOW-VOLTAGE 0.	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2735GG-P Description: INDUSTRIAL GRADE, LOW-VOLTAGE 0.	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2560DQ-LF-P Description: IC REG BUCK ADJ 2.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2489DQ-LF-Z Description: INDUSTRIAL GRADE, 60V, 0.6A BUCK	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2490DS-LF-Z Description: IC REG BUCK ADJ 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2560DQ-LF-Z Description: IC REG BUCK ADJ 2.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2489DQ-AEC1-LF-Z Description: AUTOMOTIVE GRADE, 60V, 0.6A BUCK	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2489DQ-AEC1-LF-P Description: AUTOMOTIVE GRADE, 60V, 0.6A BUCK	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2735GG-AEC1-Z Description: AUTOMOTIVE GEADE, LOW-VOLTAGE 0.	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2560DN-LF-Z Description: IC REG BUCK ADJ 2.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2483DQ-AEC1-LF-Z Description: IC LED DRIVER	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2489DQ-LF-P Description: INDUSTRIAL GRADE, 60V, 0.6A BUCK	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2735GG-AEC1-P Description: AUTOMOTIVE GEADE, LOW-VOLTAGE 0.	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2907 Description: TRANS 4PNP 40V 0.6A	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ28261DL-LF-P Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2483DQ-LF-P Description: IC LED DRIVER	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2483DQ-LF-Z Description: IC LED DRIVER	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ2484 Description: TRANS 4NPN 40V	Manufacturers: Central Semiconductor	RFQ
	Part#: MPQ2490DS-LF Description: IC REG BUCK ADJ 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ28261DL-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ

Related keywords for MPQ2560DN-LF			
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