

MP2565DQ-LF-P



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See Product Specifications for product details.
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Part Number: [MP2565DQ-LF-P](#)

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

Description: IC REG BUCK ADJ 2.5A

Data sheet:

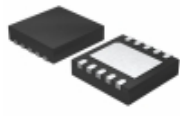
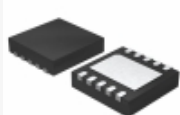
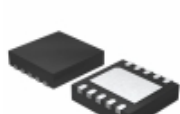
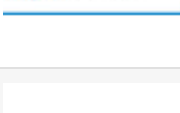
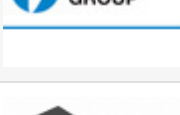
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MP2565DQ-LF-P	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 2.5A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39391 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	47V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	50V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	10-QFN (3x3)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	10-VDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1132-2
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	Up to 4MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 2.5A 10-VDFN Exposed Pad	Current - Output	2.5A
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	Part#: MP2562DQ-LF-P Description: IC REG BUCK ADJ 1A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2602DQ-LF-Z Description: IC BATT CHRG LI-ION	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP2603EJ-LF-Z Description: IC BATT CHRG LI-ION	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP2603EJ-LF-P Description: IC BATT CHRG LI-ION	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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