

MP6001DN-LF



Part Number: [MP6001DN-LF](#)

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

Description IC REG MULT CONFIG ISO ADJ 2A

Data sheet:

RoHs Status: Lead free / RoHS Compliant

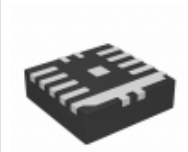
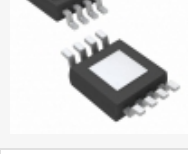
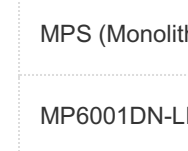
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MP6001DN-LF	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG MULT CONFIG ISO ADJ 2A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	75674 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	-0.5V
Voltage - Output (Max)	150V	Voltage - Input (Min)	10V
Voltage - Input (Max)	100V	Topology	Boost, Flyback, Forward Converter, SEPIC
Synchronous Rectifier	No	Supplier Device Package	8-SOICE
Series	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive or Negative, Isolation Capable	Other Names	1589-1409
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2A (4 Weeks)
Manufacturer Standard Lead Time	18 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Up/Step-Down	Frequency - Switching	200kHz ~ 500kHz
Detailed Description	Boost, Flyback, Forward Converter, SEPIC Switching Regulator IC Positive or Negative, Isolation Capable Adjustable -0.5V 1 Output 2A (Switch) 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output	2A (Switch)
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	Part#: MP6-NNE-NQE-00 Description: MP CONFIGURABLE POWER SUPPLY	Manufacturers: Astec America (Artesyn Embedded Technologies)	RFQ
	Part#: MP6003DN-LF Description: IC REG MULT CONFIG ISO ADJ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP6002DN-LF Description: IC REG MULT CONFIG ISO ADJ 4A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP6-4LQ-JJE-00 Description: MP CONFIGURABLE POWER SUPPLY	Manufacturers: Astec America (Artesyn Embedded Technologies)	RFQ
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	Part#: MP62040DQFU-1-LF-P Description: IC CURR LIMIT SWITCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP6-3Y-LLE-NNE-00 Description: MP CONFIGURABLE POWER SUPPLY	Manufacturers: Astec America (Artesyn Embedded Technologies)	RFQ
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	Part#: MP6-3Y/00 Description: MP CONFIGURABLE POWER SUPPLY	Manufacturers: Astec America (Artesyn Embedded Technologies)	RFQ
	Part#: MP62040DQFU-1-LF-Z Description: IC CURR LIMIT SWITCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP6001DN-LF-Z Description: IC REG MULT CONFIG ISO ADJ 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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