

MP1477HGTF-Z



Part Number: [MP1477HGTF-Z](#)

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

Description: 3A, 4.2-17V, 1.2MHZ, HIGH-EFFICI

Data sheet:

RoHs Status:

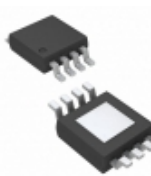
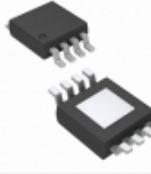
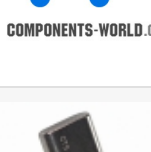
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PRODUCT PARAMETER			
Part Number	MP1477HGTF-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	3A, 4.2-17V, 1.2MHZ, HIGH-EFFICI	Lead Free Status / RoHS Status	
Quantity Available	100702 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	10V	Voltage - Input (Min)	4.2V
Voltage - Input (Max)	17V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	SOT-563
Series	-	Packaging	Tape & Reel (TR)
Package / Case	SOT-563, SOT-666	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	14 Weeks
Function	Step-Down	Frequency - Switching	1.2MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A SOT-563, SOT-666	Current - Output	3A
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	Part#: MP1476LGTf-P Description: HIGH-EFFICIENCY, 2A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1484EN-LF-Z Description: IC REG BUCK ADJ 3A SYNC 8SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1492DS-LF Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP1477GTF-Z Description: HIGH-EFFICIENCY, 3A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1477HGTF-P Description: 3A, 4.2-17V, 1.2MHZ, HIGH-EFFICI	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP147B Description: CRYSTAL 14.7456MHZ 18PF T/H	Manufacturers: CTS Electronic Components	RFQ
	Part#: MP1476GTF-P Description: HIGH-EFFICIENCY, 2A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1476GTF-Z Description: HIGH-EFFICIENCY, 2A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP1482DS-LF Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1477GTF-P Description: HIGH-EFFICIENCY, 3A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1482DS-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1476LGTf-Z Description: HIGH-EFFICIENCY, 2A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1492DS-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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