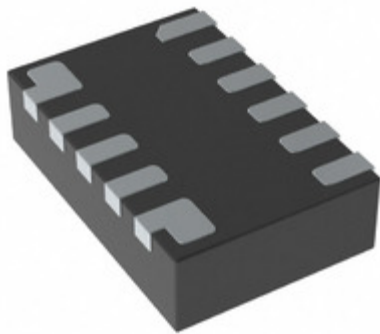


MP28164GD-P



Part Number: [MP28164GD-P](#)

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

Description: HIGH EFFICIENCY SINGLE INDUCTOR

Data sheet:

RoHs Status: Lead free / RoHS Compliant

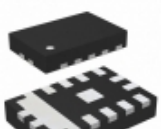
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
Buy MP28164GD-P with confidence from Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MP28164GD-P	Manufacturer	MPS (Monolithic Power Systems)
Description	HIGH EFFICIENCY SINGLE INDUCTOR	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37414 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.5V
Voltage - Output (Max)	5V	Voltage - Input (Min)	1.2V
Voltage - Input (Max)	5.5V	Topology	Buck, Boost
Synchronous Rectifier	No	Supplier Device Package	11-QFN (3x2)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	11-VFQFN	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	16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down, Step-Up/Step-Down
Frequency - Switching	2MHz	Detailed Description	Buck, Boost Switching Regulator IC Positive Adjustable 1.5V 1 Output 4.2A 11-VFQFN
Current - Output	4.2A		
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RELATED PRODUCTS			
	Part#: MP28116DQ-LF-Z Description: IC REG BUCK SYNC 6V 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28255EL-LF-P Description: SWITCHING VOLTAGE REGULATORS 21V	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28127DQ-LF-Z Description: IC REG BUCK ADJ 1.25A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28251GD-Z Description: IC REG BUCK ADJ 4A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28119EG-LF-P Description: IC REG BUCK ADJ 0.6A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28128DQ-LF-P Description: IC REG BUCK ADJ 2.5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28163GQ-Z Description: IC REG BCK-BST 3.3V/ADJ SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28223DD-LF-Z Description: IC REG BUCK SYNC 6V 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28164GD-Z Description: HIGH EFFICIENCY SINGLE INDUCTOR	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28223DD-LF-P Description: IC REG BUCK SYNC 6V 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28128DQ-LF-Z Description: IC REG BUCK ADJ 2.5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28163GQ-P Description: IC REG BCK-BST 3.3V/ADJ SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28251GD-P Description: IC REG BUCK ADJ 4A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28116DQ-LF-P Description: IC REG BUCK SYNC 6V 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28119EG-LF-Z Description: IC REG BUCK ADJ 0.6A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28248GD-P Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28127DQ-LF-P Description: IC REG BUCK ADJ 1.25A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28200GG-P Description: ULTRA-LOW 500NA IQ, HIGH EFFICIE	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28248GD-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP28200GG-Z Description: ULTRA-LOW 500NA IQ, HIGH EFFICIE	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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