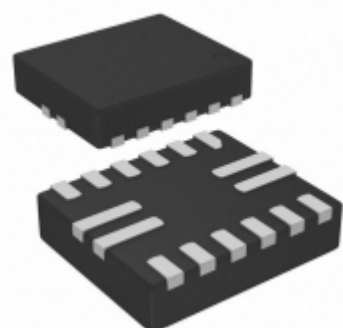


**MP2187GQA-P**



**Part Number:** [MP2187GQA-P](#)  
**Manufacturer:** [MPS \(Monolithic Power Systems\)](#)  
**Description:** IC REG BUCK FXD/ADJ 3A 16QFN  
**Data sheet:** [MP2187](#)

**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.  
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**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">MP2187GQA-P</a>
<b>Manufacturer</b>	<a href="#">MPS (Monolithic Power Systems)</a>
<b>Description</b>	IC REG BUCK FXD/ADJ 3A 16QFN
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	49278 pcs
<b>Product Photo</b>	<a href="#">MP2187GQA-P.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Output (Min/Fixed)</b>	0.6V (1.1V, 1.8V)
<b>Voltage - Output (Max)</b>	5V
<b>Voltage - Input (Min)</b>	2.5V
<b>Voltage - Input (Max)</b>	5.5V
<b>Topology</b>	Buck
<b>Synchronous Rectifier</b>	Yes
<b>Supplier Device Package</b>	16-QFN (2.2x2.6)
<b>Series</b>	-
<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	16-VFQFN
<b>Output Type</b>	Adjustable (Fixed)
<b>Output Configuration</b>	Positive
<b>Other Names</b>	1589-1094-2
<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)
<b>Number of Outputs</b>	2
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Function</b>	Step-Down
<b>Frequency - Switching</b>	1.2MHz
<b>Detailed Description</b>	Buck Switching Regulator IC Positive Adjustable (Fixed) 0.6V (1.1V, 1.8V) 2 Output 3A 16-VFQFN
<b>Current - Output</b>	3A

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	Part#: <a href="#">MP21Y-30-1200-AS-R</a> Description: SPARE RECEIVER	Manufacturers: <a href="#">Omron Automation &amp; Safety</a> In Stock: 40	<a href="#">RFQ</a>
	Part#: <a href="#">MP21Y-30-1050-RS-R</a> Description: SPARE RECEIVER	Manufacturers: <a href="#">Omron Automation &amp; Safety</a> In Stock: 52	<a href="#">RFQ</a>
	Part#: <a href="#">MP2170-1M0</a> Description: FERRITE PLATE 47.2X55.2X2.5MM	Manufacturers: <a href="#">Laird Technologies</a> In Stock: 56684	<a href="#">RFQ</a>
	Part#: <a href="#">MP2162AGQHT-Z</a> Description: 2A, 6V, 1.5MHZ, 17?A IQ, COT SYN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 81709	<a href="#">RFQ</a>
	Part#: <a href="#">MP2188GQA-P</a> Description: IC REG BUCK FXD/ADJ 3A 16QFN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 36561	<a href="#">RFQ</a>
	Part#: <a href="#">MP21Y-30-1050-AS-R</a> Description: SPARE RECEIVER	Manufacturers: <a href="#">Omron Automation &amp; Safety</a> In Stock: 49	<a href="#">RFQ</a>
	Part#: <a href="#">MP2188GQA-Z</a> Description: IC REG BUCK FXD/ADJ 3A 16QFN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 54332	<a href="#">RFQ</a>
	Part#: <a href="#">MP21Y-30-1050-AS</a> Description: SYSTEM	Manufacturers: <a href="#">Omron Automation &amp; Safety</a> In Stock: 32	<a href="#">RFQ</a>
	Part#: <a href="#">MP2162AGQH-Z</a> Description: IC REG BUCK ADJ 2A SYNC QFN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 89064	<a href="#">RFQ</a>
	Part#: <a href="#">MP21Y-30-1200-AS</a> Description: SYSTEM	Manufacturers: <a href="#">Omron Automation &amp; Safety</a> In Stock: 34	<a href="#">RFQ</a>
	Part#: <a href="#">MP2162AGQHT-P</a> Description: 2A, 6V, 1.5MHZ, 17?A IQ, COT SYN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 71237	<a href="#">RFQ</a>
	Part#: <a href="#">MP21Y-30-1050-X</a> Description: SPARE TRANSMITTER	Manufacturers: <a href="#">Omron Automation &amp; Safety</a> In Stock: 74	<a href="#">RFQ</a>
	Part#: <a href="#">MP2187GQA-Z</a> Description: IC REG BUCK FXD/ADJ 3A 16QFN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 58860	<a href="#">RFQ</a>
	Part#: <a href="#">MP2162GQH-P</a> Description: IC REG BUCK ADJ 2A SYNC QFN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 60143	<a href="#">RFQ</a>
	Part#: <a href="#">MP21Y-30-1050-RS</a> Description: SYSTEM	Manufacturers: <a href="#">Omron Automation &amp; Safety</a> In Stock: 35	<a href="#">RFQ</a>
	Part#: <a href="#">MP2166GD-P</a> Description: 6V, DUAL 2A/2A OR 3A/1A,LOW QUIE	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 45290	<a href="#">RFQ</a>
	Part#: <a href="#">MP2162BGQH-Z</a> Description: IC REG BUCK ADJ 2A SYNC QFN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 79898	<a href="#">RFQ</a>
	Part#: <a href="#">MP2162GQH-Z</a> Description: IC REG BUCK ADJ 2A SYNC QFN	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 78997	<a href="#">RFQ</a>
	Part#: <a href="#">MP2166GD-Z</a> Description: 6V, DUAL 2A/2A OR 3A/1A,LOW QUIE	Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> In Stock: 78280	<a href="#">RFQ</a>

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