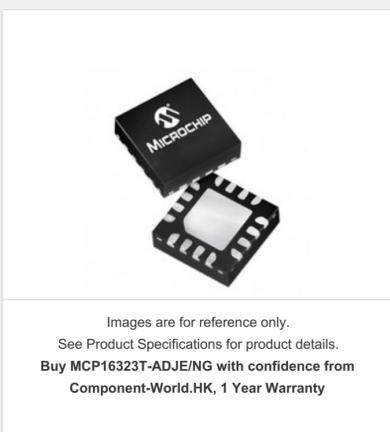


**MCP16323T-ADJE/NG**



**Part Number:** [MCP16323T-ADJE/NG](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC REG BUCK ADJ 3A SYNC 16-VQFN  
**Data sheet:** [Portable Power Conversion Design Guide](#)  
[MCP16323 Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
<b>Part Number</b>	MCP16323T-ADJE/NG
<b>Description</b>	IC REG BUCK ADJ 3A SYNC 16-VQFN
<b>Quantity Available</b>	3977 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Output (Max)</b>	5V
<b>Voltage - Input (Max)</b>	18V
<b>Synchronous Rectifier</b>	Yes
<b>Series</b>	-
<b>Package / Case</b>	16-VFQFN Exposed Pad
<b>Output Configuration</b>	Positive
<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)
<b>Mounting Type</b>	Surface Mount
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Frequency - Switching</b>	1MHz
<b>Current - Output</b>	3A
<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">Portable Power Conversion Design Guide</a> <a href="#">MCP16323 Datasheet</a>
<b>Voltage - Output (Min/Fixed)</b>	0.9V
<b>Voltage - Input (Min)</b>	6V
<b>Topology</b>	Buck
<b>Supplier Device Package</b>	16-QFN (3x3)
<b>Packaging</b>	Tape & Reel (TR)
<b>Output Type</b>	Adjustable
<b>Other Names</b>	MCP16323T-ADJE/NGTR MCP16323TADJENG
<b>Number of Outputs</b>	1
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Function</b>	Step-Down
<b>Detailed Description</b>	Buck Switching Regulator IC Positive Adjustable 0.9V 1 Output 3A 16-VFQFN Exposed Pad
<b>Base Part Number</b>	MCP16323

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**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">MCP1632T-BAE/MS</a> <b>Description:</b> IC REG CTRLR MULT TOPOLOGY 8MSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16322T-500E/NG</a> <b>Description:</b> IC REG BUCK 5V 2A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16322T-330E/NG</a> <b>Description:</b> IC REG BUCK 3.3V 2A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16331T-E/CHVAO</a> <b>Description:</b> ASYNCHRONOUS SWITCHING BUCK REG	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP1640B-I/MC</a> <b>Description:</b> IC REG BOOST ADJ 0.35A SYNC 8DFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP1640-I/MC</a> <b>Description:</b> IC REG BOOST ADJ 0.35A SYNC 8DFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16322T-ADJE/NG</a> <b>Description:</b> IC REG BUCK ADJ 2A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16322T-180E/NG</a> <b>Description:</b> IC REG BUCK 1.8V 2A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16323T-330E/NG</a> <b>Description:</b> IC REG BUCK 3.3V 3A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16323T-150E/NG</a> <b>Description:</b> IC REG BUCK 1.5V 3A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16323T-180E/NG</a> <b>Description:</b> IC REG BUCK 1.8V 3A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16323T-500E/NG</a> <b>Description:</b> IC REG BUCK 5V 3A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP1632T-AAE/MC</a> <b>Description:</b> IC REG CTRLR MULT TOPOLOGY 8DFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16331T-E/CH</a> <b>Description:</b> IC REG BUCK ADJ 0.5A SOT23-6	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP1640BT-I/CHY</a> <b>Description:</b> IC REG BST ADJ 0.35A SYNC SOT23	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP1632T-BAE/MC</a> <b>Description:</b> IC REG CTRLR MULT TOPOLOGY 8DFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16323T-250E/NG</a> <b>Description:</b> IC REG BUCK 2.5V 3A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP16322T-250E/NG</a> <b>Description:</b> IC REG BUCK 2.5V 2A SYNC 16-VQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP1640BT-I/MC</a> <b>Description:</b> IC REG BOOST ADJ 0.35A SYNC 8DFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCP1632T-AAE/MS</a> <b>Description:</b> IC REG CTRLR MULT TOPOLOGY 8MSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>

**Related keywords for MCP16323T-ADJE/NG**

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