

MCP16311-E/MS





Part Number: MCP16311-E/MS

Manufacturer: Micrel / Microchip Technology

Description: IC REG BUCK ADJ 1A SYNC 8MSOP

Data sheet:  [Portable Power Conversion Design Guide](#)
 [MCP16311/2 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

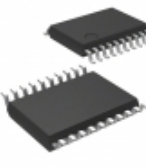
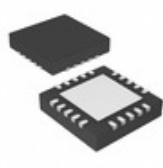
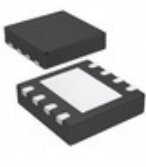
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP16311-E/MS	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK ADJ 1A SYNC 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	82653 pcs	Data sheet	Portable Power Conversion Design Guide MCP16311/2 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2V
Voltage - Output (Max)	24V	Voltage - Input (Min)	4.4V
Voltage - Input (Max)	30V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-MSOP
Series	-	Packaging	Tube
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	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	18 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	500kHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 2V 1 Output 1A 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Current - Output	1A	Base Part Number	MCP16311
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	Part#: MCP16312-E/MSVAO Description: SYNCHRONOUS BUCK SWITCHING REGUL	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1631-E/ST Description: IC REG CTRLR SEPIC 20TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630VT-E/MS Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630T-E/MS Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16311T-E/MSVAO Description: 30V SYNCHRONOUS BUCK VOLTAGE REG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16311T-E/MS Description: IC REG BUCK ADJ 1A SYNC 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP16311T-E/MNY Description: IC REG BUCK ADJ 1A SYNC 8TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16312-E/MS Description: IC REG BUCK ADJ 1A SYNC 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630V-E/MC Description: IC REG CTRLR MULT TOPOLOGY 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1631-E/SS Description: IC REG CTRLR SEPIC 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630T-E/MSVAO Description: HIGH SPEED PULSE WIDTH MODULATOR	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630VT-E/MC Description: IC REG CTRLR MULT TOPOLOGY 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ

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