

MCP1630T-E/MS



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See Product Specifications for product details.
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Part Number: MCP1630T-E/MS

Manufacturer: Micrel / Microchip Technology

Description: IC REG CTRLR MULT TOPOLOGY 8MSOP

Data sheet:  [MCP1630/V](#)
 [Development Tools Catalog](#)
 [MCP1630V Ref Design Guide](#)
 [Portable Power Conversion Design Guide](#)

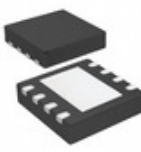
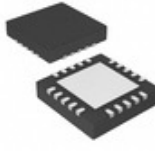
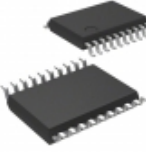
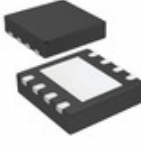
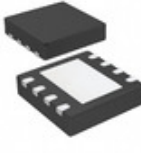
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP1630T-E/MS	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOPOLOGY 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77358 pcs	Data sheet	MCP1630/V Development Tools Catalog MCP1630V Ref Design Guide Portable Power Conversion Design Guide
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Topology	Buck, Boost, Buck-Boost, Flyback, SEPIC	Synchronous Rectifier	Yes
Supplier Device Package	8-MSOP	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Other Names	MCP1630T-E/MS-ND MCP1630T-E/MSTR	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	14 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Down, Step-Up/Step-Down	Frequency - Switching -	
Duty Cycle (Max)	-	Detailed Description	Buck, Boost, Buck-Boost, Flyback, SEPIC Regulator Positive, Isolation Capable Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-MSOP
Control Features	-	Clock Sync	No
Base Part Number	MCP1630		
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	Part#: MCP1630V-E/MS Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1630RD-LIC2 Description: BOARD DEMO FOR MCP1630 LI-ION	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630VT-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#: MCP1631-E/ML Description: IC REG CTRLR SEPIC 20QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630RD-DDBK3 Description: REF DESIGN MCP1630V BI-DIR 4CELL	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630T-E/MSVAO Description: HIGH SPEED PULSE WIDTH MODULATOR	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630DM-LED2 Description: BOARD DEM MCP1630 BOOST MODE LED	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630RD-NMC1 Description: REF DESIGN MCP1630 NIMH BATT CHG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630DM-DDBS2 Description: BOARD DEMO BOOST COUPLED INDUCTR	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1631-E/ST Description: IC REG CTRLR SEPIC 20TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630VT-E/MSVAO Description: HIGH SPEED PULSE WIDTH MODULATOR	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1630DM-NMC1 Description: BOARD DEMO FOR MCP1630	Manufacturers: Micrel / Microchip Technology	RFQ

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