

MCP1630T-E/MC



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Part Number: [MCP1630T-E/MC](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description IC REG CTRLR MULT TOPOLOGY 8DFN

Data sheet:  [MCP1630/V](#)

 [Development Tools Catalog](#)

 [MCP1630V Ref Design Guide](#)

 [Portable Power Conversion Design Guide](#)

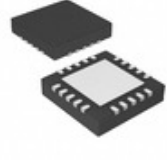
RoHs Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	MCP1630T-E/MC	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOPOLOGY 8DFN	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	66257 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)	Design Guide 3V ~ 5.5V
Topology	Buck, Boost, Buck-Boost, Flyback, SEPIC	Synchronous Rectifier	Yes
Supplier Device Package	8-DFN (2x3)	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	8-VDFDN Exposed Pad	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
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	Contains lead / RoHS non-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-DFN (2x3)	Control Features	-
Clock Sync	No	Base Part Number	MCP1630
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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#: MCP1630DM-LED2 Description: BOARD DEM MCP1630 BOOST MODE LED	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630RD-LIC1 Description: REFERENCE DESIGN FOR MCP1630	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630VT-E/MSVAO Description: HIGH SPEED PULSE WIDTH MODULATOR	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630V-E/MC Description: IC REG CTRLR MULT TOPOLOGY 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630DM-NMC1 Description: BOARD DEMO FOR MCP1630	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630RD-DESK1 Description: BOARD DEMO FOR MCP1630	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1631-E/ST Description: IC REG CTRLR SEPIC 20TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1630T-E/MSVAO Description: HIGH SPEED PULSE WIDTH MODULATOR	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630VT-E/MS Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630V-E/MS Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630DM-DEBS1 Description: BOARD DEMO BOOST AUTO INPUT	Manufacturers: Micrel / Microchip Technology	RFQ

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