

MCP1630-E/MSVAO



Part Number: MCP1630-E/MSVAO

Manufacturer: Micrel / Microchip Technology

Description: HIGH SPEED PULSE WIDTH MODULATOR

Data sheet:  MCP1630/V

RoHs Status: Lead free / RoHS Compliant

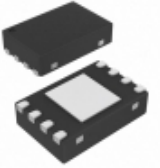
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP1630-E/MSVAO	Manufacturer	Micrel / Microchip Technology
Description	HIGH SPEED PULSE WIDTH MODULATOR	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4382 pcs	Data sheet	MCP1630/V
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	Automotive, AEC-Q100
Serial Interfaces	-	Packaging	Tube
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	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)	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
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	Part#: MCP1630DM-DBBK1 Description: BOARD DEMO MCP1630 BIAS SUPPLY	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16251T-I/MNY Description: IC REG BOOST ADJ 0.1A SYNC 8TDFN	Manufacturers: Microchip Technology	RFQ
	Part#: MCP16301HT-E/CH Description: IC REG BUCK ADJ 0.6A SOT23-6	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1624-I/MC Description: IC BOOST REG PWM/PFM 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1623T-I/MC Description: IC BOOST SYNC REG PWM/PFM 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16301T-E/CHVAO Description: ASYNCHRONOUS BUCK VOLTAGE REGULA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1624T-I/CHY Description: IC CONV PIC MICROCTRLR SOT-23-6	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630-E/MC Description: IC REG CTRLR MULT TOPOLOGY 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1630-E/MS Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16251T-I/CH Description: IC REG BST ADJ 0.1A SYNC SOT23-6	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1630DM-LED2 Description: BOARD DEM MCP1630 BOOST MODE LED	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1630DM-DBBS2 Description: BOARD DEMO BOOST COUPLED INDUCTR	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16301T-I/CHY Description: IC REG BUCK ADJ 0.6A SOT23-6	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1630DM-DBBS1 Description: BOARD DEMO BOOST AUTO INPUT	Manufacturers: Micrel / Microchip Technology	RFQ

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