

MCP1632T-AAE/MC





Part Number: MCP1632T-AAE/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG CTRLR MULT TOPOLOGY 8DFN

Data sheet:  MCP1632

RoHS Status: Lead free / RoHS Compliant

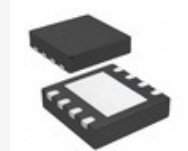
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PRODUCT PARAMETER			
Part Number	MCP1632T-AAE/MC	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOPOLOGY 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	67453 pcs	Data sheet	MCP1632
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Topology	Boost, Cuk, 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
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	5 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up, Step-Up/Step-Down
Frequency - Switching	300kHz	Duty Cycle (Max)	85%
Detailed Description	Boost, Cuk, Flyback, SEPIC Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-DFN (2x3)	Control Features	Enable
Clock Sync	No	Base Part Number	MCP1632
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	Part#: MCP16323T-330E/NG Description: IC REG BUCK 3.3V 3A SYNC 16-VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP16323T-500E/NG Description: IC REG BUCK 5V 3A SYNC 16-VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP16323T-180E/NG Description: IC REG BUCK 1.8V 3A SYNC 16-VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1632T-BAE/MS Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ

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