

MIC2145YML



Part Number: [MIC2145YML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG MULT CONFIG ADJ 0.5A 10MLF

Data sheet:  [MIC2145](#)

RoHs Status: Lead free / RoHS Compliant

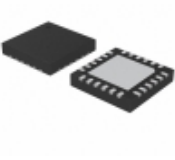
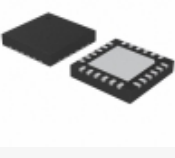
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2145YML	Manufacturer	Micrel / Microchip Technology
Description	IC REG MULT CONFIG ADJ 0.5A 10MLF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62956 pcs	Data sheet	MIC2145
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2.4V
Voltage - Output (Max)	16V	Voltage - Input (Min)	2.4V
Voltage - Input (Max)	16V	Topology	Boost, Flyback, SEPIC
Synchronous Rectifier	No	Supplier Device Package	10-MLF® (3x3)
Series	-	Packaging	Tray
Package / Case	10-VDFDN Exposed Pad, 10-MLF®	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Up/Step-Down	Frequency - Switching	450kHz
Detailed Description	Boost, Flyback, SEPIC Switching Regulator IC Positive Adjustable 2.4V 1 Output 500mA 10-VDFDN Exposed Pad, 10-MLF®	Current - Output	500mA
Base Part Number	MIC2145		
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	Part#: MIC2159YMM Description: IC REG CTRLR BUCK 10MSOP	Manufacturers: Microchip Technology	RFQ
	Part#: MIC2145BML-TR Description: IC REG MULT CONFIG ADJ 0.5A 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2155YML-TR Description: IC REG CTRLR BUCK 32MLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2145BML Description: IC REG MULT CONFIG ADJ 0.5A 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
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