



Micrel / Microchip Technology

MIC2145YML

Part Number:	MIC2145YML
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG MULT CONFIG ADJ 0.5A 10MLF
Datasheets:	 MIC2145YML.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

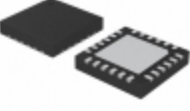
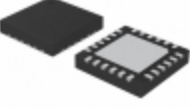
Specifications of MIC2145YML

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
DATA SHEET	 MIC2145YML.pdf
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-VFDFN 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-VFDFN Exposed Pad, 10-MLF®
CURRENT - OUTPUT	500mA
BASE PART NUMBER	MIC2145

Related Tags

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Related Products

 MIC2155YML-TR Manufacturers: Micrel / Microchip Technology Description: IC REG CTRLR BUCK 32MLF In stock: Out stock RFQ	 MIC2145BMM-TR Manufacturers: Micrel / Microchip Technology Description: IC REG MULT CONFIG ADJ 0.5A 8MSOP In stock: Out stock RFQ
 MIC2142YM5-TR Manufacturers: Micrel / Microchip Technology Description: IC REG MULT CONFIG ADJ 0.2A SOT23 In stock: Out stock RFQ	 MIC2145YMM-TR Manufacturers: Micrel / Microchip Technology Description: IC REG MULT CONFIG ADJ 0.5A 8MSOP In stock: Out stock RFQ
 MIC2145YMM Manufacturers: Micrel / Microchip Technology Description: IC REG MULT CONFIG ADJ 0.5A 8MSOP In stock: Out stock RFQ	 MIC2145BML Manufacturers: Micrel / Microchip Technology Description: IC REG MULT CONFIG ADJ 0.5A 10MLF In stock: Out stock RFQ
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