

MIC2198YML





Part Number: [MIC2198YML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BUCK 12MLF

Data sheet:  [MIC2198](#)

RoHs Status: Lead free / RoHS Compliant

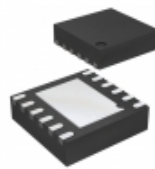
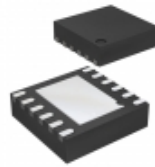
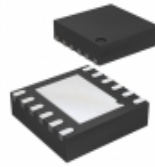
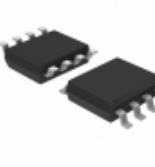
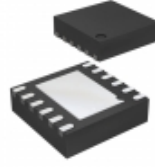
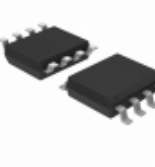
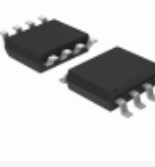
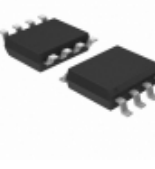
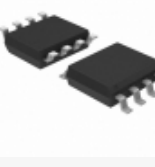
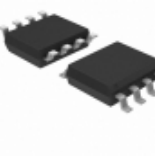
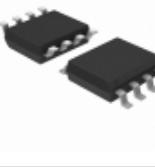
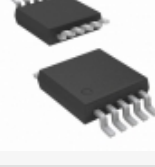
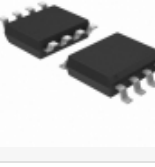
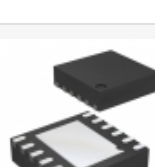
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2198YML	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR BUCK 12MLF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43166 pcs	Data sheet	MIC2198
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 32 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	12-MLF™ (4x4)	Series	-
Serial Interfaces	-	Packaging	Tray
Package / Case	12-VFDFN Exposed Pad, 12-MLF®	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)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	500kHz	Duty Cycle (Max)	76%
Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 12-MLF™ (4x4)	Control Features	Enable
Clock Sync	No	Base Part Number	MIC2198
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RELATED PRODUCTS			
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	Part#: MIC2198YML-TR Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2196YM Description: IC REG CTRLR BOOST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2199YML Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2196BM-TR Description: IC REG CTRLR BOOST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2202-1.2BML-TR Description: IC REG BUCK 1.2V 0.6A SYNC 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2202-1.2BML Description: IC REG BUCK 1.2V 0.6A SYNC 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2198BML Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2194YM-TR Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2194BM-TR Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2196BM Description: IC REG CTRLR BOOST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2194BM Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2199BML Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2194YM Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2202-1.5BML-TR Description: IC REG BUCK 1.5V 0.6A SYNC 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2199BML-TR Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ

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