

MIC2178-5.0YWM-TR



Part Number: [MIC2178-5.0YWM-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BUCK 5V 2.5A 20SOIC

Data sheet:  [MIC2178](#)

RoHs Status: Lead free / RoHS Compliant

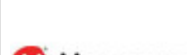
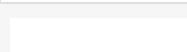
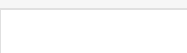
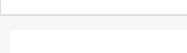
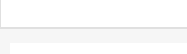
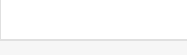
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2178-5.0YWM-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK 5V 2.5A 20SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24290 pcs	Data sheet	MIC2178
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	5V
Voltage - Output (Max)	-	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	16.5V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	20-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	20-SOIC (0.295", 7.50mm Width)	Output Type	Fixed
Output Configuration	Positive	Other Names	MIC2178-5.0YWM TR MIC2178-5.0YWM TR-ND MIC2178-5.0YWMTR MIC2178-5.0YWMTR-ND
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	200kHz	Detailed Description	Buck Switching Regulator IC Positive Fixed 5V 1 Output 2.5A 20-SOIC (0.295", 7.50mm Width)
Current - Output	2.5A	Base Part Number	MIC2178
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	Part#: MIC2179-5.0BSM-TR Description: IC REG BUCK 5V 1.5A 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2179-3.3BSM Description: IC REG BUCK 3.3V 1.5A 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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