

MIC2182-5.0YM-TR



Part Number: [MIC2182-5.0YM-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BUCK 16SOIC

Data sheet:  [MIC2182](#)

RoHs Status: Lead free / RoHS Compliant

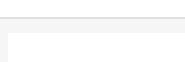
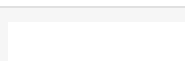
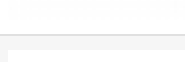
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2182-5.0YM-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR BUCK 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39347 pcs	Data sheet	MIC2182
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 32 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	16-SOIC	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Other Names	MIC2182-5.0YM TR MIC2182-5.0YM TR-ND MIC2182-5.0YMTR MIC2182-5.0YMTR-ND	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	300kHz	Duty Cycle (Max)	86%
Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC	Control Features	Enable, Soft Start
Clock Sync	Yes	Base Part Number	MIC2182
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