

MIC2186YQS





Part Number: [MIC2186YQS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BOOST 16QSOP

Data sheet:  [MIC2186](#)

RoHs Status: Lead free / RoHS Compliant

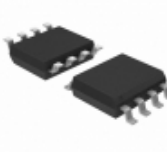
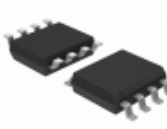
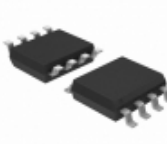
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2186YQS	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR BOOST 16QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37740 pcs	Data sheet	MIC2186
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.9 V ~ 14 V
Topology	Boost	Synchronous Rectifier	No
Supplier Device Package	16-QSOP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	16-SSOP (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up
Frequency - Switching	100kHz, 200kHz, 400kHz	Duty Cycle (Max)	85%
Detailed Description	Boost Regulator Positive Output Step-Up DC-DC Controller IC 16-QSOP	Control Features	Enable, Frequency Control, Soft Start
Clock Sync	Yes	Base Part Number	MIC2186
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