

MAX1831EEE+T



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Part Number: [MAX1831EEE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG BUCK ADJ/PROG 3A 16QSOP

Data sheet:  [MAX1830,31](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX1831EEE+T	Manufacturer	Maxim Integrated
Description	IC REG BUCK ADJ/PROG 3A 16QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22959 pcs	Data sheet	MAX1830,31 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.1V (1.5V, 2.5V, 3.3V)
Voltage - Output (Max)	5.5V	Voltage - Input (Min)	3V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	16-QSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SSOP (0.154", 3.90mm Width)	Output Type	Adjustable (Programmable)
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	1MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable (Programmable) 1.1V (1.5V, 2.5V, 3.3V) 1 Output 3A 16-SSOP (0.154", 3.90mm Width)
Current - Output	3A	Base Part Number	MAX1831
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RELATED PRODUCTS			
	Part#: MAX1830EEE+T Description: IC REG BUCK ADJ/PROG 3A 16QSOP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX1835EUT#G16 Description: IC REG LINEAR SOT23	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1832EUT#TG16 Description: IC REG BST ADJ 1A SYNC SOT23	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX182BCWI Description: IC ADC 4CH 12BIT CALIBRTD 28SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1833EUT#G16 Description: IC REG LIN POS 500MA SOT23	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX1833ETT30+T Description: IC REG BOOST 3V 0.15A SYNC 6TDFN	Manufacturers: Maxim Integrated	RFQ

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