

MAX1742EEEE+T



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Part Number: [MAX1742EEEE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG BUCK ADJ/PROG 1A 16QSOP

Data sheet:  [MAX1742](#)
 [Part Numbering System](#)

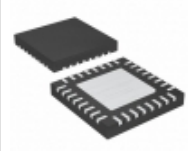
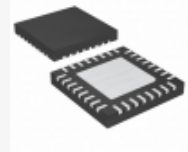
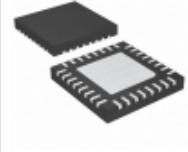
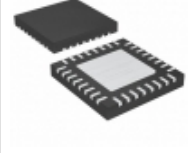
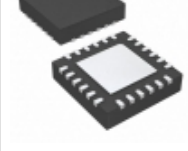
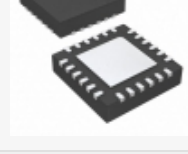
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MAX1742EEEE+T	Manufacturer	Maxim Integrated
Description	IC REG BUCK ADJ/PROG 1A 16QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22628 pcs	Data sheet	MAX1742 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.1V (1.5V, 1.8V, 2.5V)
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, 1.8V, 2.5V) 1 Output 1A 16-SSOP (0.154", 3.90mm Width)
Current - Output	1A	Base Part Number	MAX1742
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	Part#: MAX17428GTJ+TG40 Description: IC PS CTRLR PWM VID 32-TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1742EEEE+ Description: IC REG BUCK ADJ/PROG 1A 16QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1741EUB Description: IC TRANSLATOR LEVEL 10-UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1741EUB+ Description: IC TRANSLATOR LEVEL 10-UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1742EEEE Description: IC REG BUCK ADJ/PROG 1A 16QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1744EUB+T Description: IC REG CTRLR BUCK 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX17411GTM+T Description: IC CTRL FOR IMVP7 CPU/GRAPH TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX17428GTJ+ Description: IC PWR SUPPLY CTRLR PWM 32TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1744AUB/V+ Description: IC REG CTRLR BUCK 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1744EUB Description: IC REG CTRLR BUCK 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX17428GTJ+T Description: IC PS CTRLR PWM VID 32-TQFN	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX17435ETG+ Description: IC SMBUS BATT CHARGER 24TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1744EUB-T Description: IC REG CTRLR BUCK 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1741EUB+T Description: IC TRANSLATOR LEVEL 10-UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1744AUB+T Description: IC REG CTRLR BUCK 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1744AUB+ Description: IC REG CTRLR BUCK 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX17435ETG+T Description: IC SMBUS BATT CHARGER 24TQFN	Manufacturers: Maxim Integrated	RFQ

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