



Image may be representation.
See specifications for product details.



MAX1708EEE+T

Manufacturer Part Number	MAX1708EEE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1708EEE+T
ECAD Model	Request Free CAD Models
Parts Description	IC REG BST ADJ/PROG 4.5A 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MAX1708.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1708EEE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1708EEE+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX1708EEE+T, please send us email: info@allelco.com

Specifications

MAX1708EEE+T Tech Specifications
MAX1708EEE+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	2.5V (3.3V, 5V)	Output Type	Adjustable (Programmable)
Voltage - Output (Max)	5.5V	Output Configuration	Positive
Voltage - Input (Min)	0.7V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	5V	Number of Outputs	1
Topology	Boost	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Up
Supplier Device Package	16-QSOP	Frequency - Switching	600kHz
Series	-	Current - Output	4.5A (Switch)
Package / Case	16-SSOP (0.154", 3.90mm Width)	Base Product Number	MAX1708

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1708EEE+T

Product Attribute				
Part Number	MAX1708EEE+T	MAX1709EUI+T	MAX17083ETG+T	MAX17094ETM+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Output Type	Adjustable (Programmable)	Adjustable (Programmable)	Adjustable (Programmable)	Adjustable
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	16-QSOP	28-TSSOP-EP	24-TQFN (4x4)	48-TQFN (6x6)
Number of Outputs	1	1	1	7
Frequency - Switching	600kHz	350kHz ~ 1MHz	500kHz	450kHz ~ 1.2MHz
Synchronous Rectifier	No	No	No	-
Voltage - Output (Min/Fixed)	2.5V (3.3V, 5V)	2.5V (3.3V, 5V)	0.75V (0.75V, 1.1V, 1.5V, 1.8V)	6V
Voltage - Input (Max)	5V	5V	5.5V	5.5V
Voltage - Output (Max)	5.5V	5.5V	2.7V	14V
Topology	Boost	Boost	Buck	Boost
Series	-	-	-	-
Base Product Number	MAX1708	MAX1709	MAX17083	MAX17094
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	16-SSOP (0.154", 3.90mm Width)	28-TSSOP (0.173", 4.40mm Width) Exposed Pad	24-WFQFN Exposed Pad	48-WFQFN Exposed Pad
Voltage - Input (Min)	0.7V	0.7V	2.4V	1.8V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Current - Output	4.5A (Switch)	7.5A (Switch)	5A	2A (Switch)
Function	Step-Up	Step-Up	Step-Down	Step-Up
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MAX1708EEE+T Datasheet PDF

Download MAX1708EEE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1708EEE+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX1708.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

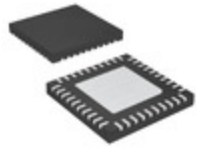

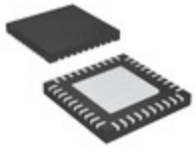

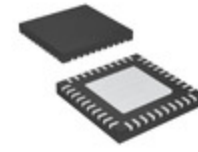

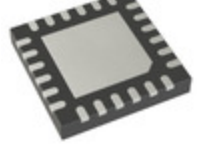

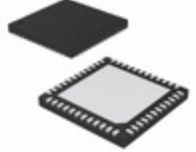

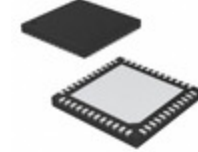

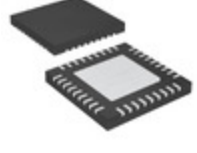





[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

Application Notes

Customers Also Interested in

Recommended Products

					
MAX17085BETL+ Analog Devices Inc./Maxim Integrated IC BAT CHG MULTCHEM 2-4CL 40TQFN	MAX17087GTL+ Analog Devices Inc./Maxim Integrated IC INTEGRATED CIRCUIT	MAX17082GTL+T Analog Devices Inc./Maxim Integrated IC REG CTRLR INTEL 1OUT 40TQFN	MAX1709EUI+T Analog Devices Inc./Maxim Integrated IC REG BST ADJ/PROG 7.5A 28TSSOP	MAX17085BETL+T Analog Devices Inc./Maxim Integrated IC BAT CHG MULTCHEM 2-4CL 40TQFN	MAX17087GTL MAXI
					
MAX17083ETG+T Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/PROG 5A 24TQFN	MAX170CCPA Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 8DIP	MAX17094ETM+ Analog Devices Inc./Maxim Integrated IC REG BOOST ADJ 2A 7OUT 48TQFN	MAX1709ESE+ Analog Devices Inc./Maxim Integrated IC REG BOOST ADJ/PROG 7.5A 16SO	MAX17094ETM+T Analog Devices Inc./Maxim Integrated IC REG BOOST ADJ 2A 7OUT 48TQFN	MAX1708EEE+ Analog Devices Inc./Maxim Integrated IC REG BST ADJ/PROG 4.5A 16QSOP
					
MAX17088ETX+T Analog Devices Inc./Maxim Integrated IC REG BOOST INT-SWITCH 36-TQFN	MAX17087GTL+TG38 Analog Devices Inc./Maxim Integrated IC INTEGRATED CIRCUIT	MAX1709EUI+ Analog Devices Inc./Maxim Integrated IC REG BST ADJ/PROG 7.5A 28TSSOP	MAX1709ESE Analog Devices Inc./Maxim Integrated IC REG BOOST ADJ/PROG 7.5A 16SO	MAX170CCPA+ Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 8DIP	MAX1709ESE+T Analog Devices Inc./Maxim Integrated IC REG BOOST ADJ/PROG 7.5A 16SO

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

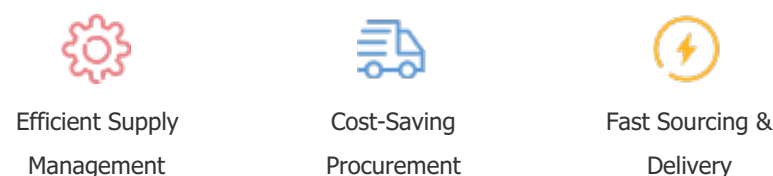
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

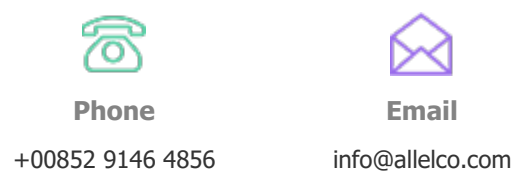
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More