



Image may be representation.
See specifications for product details.



MAX1858EEG+

Manufacturer Part Number	MAX1858EEG+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1858EEG+
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BUCK 24QSOP
Package	24-SSOP (0.154", 3.90mm Width)
Data sheet	EE-Sim Design, Simulation Environment Guide.pdf
	MAX1858.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1858EEG+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1858EEG+ datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1858EEG+, please send us email: info@allelco.com

Specifications

MAX1858EEG+ Tech Specifications

MAX1858EEG+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.75V ~ 23V	Operating Temperature	-40°C ~ 85°C (TA)
Topology	Buck	Number of Outputs	2
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	24-QSOP	Function	Step-Down
Series	-	Frequency - Switching	100kHz ~ 600kHz
Serial Interfaces	-	Duty Cycle (Max)	-
Package / Case	24-SSOP (0.154", 3.90mm Width)	Control Features	Current Limit, Enable, Frequency Control, Reset
Package	Tube	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	MAX1858
Output Phases	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1858EEG+

Product Attribute				
Part Number	MAX1858EEG+	MAX1858EEG+T	MAX1858AEEG+T	MAX1858AEEG+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Topology	Buck	Buck	Buck	Buck
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	24-SSOP (0.154", 3.90mm Width)	24-SSOP (0.154", 3.90mm Width)	24-SSOP (0.154", 3.90mm Width)	24-SSOP (0.154", 3.90mm Width)
Clock Sync	Yes	Yes	Yes	Yes
Duty Cycle (Max)	-	-	-	-
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Function	Step-Down	Step-Down	Step-Down	Step-Down
Control Features	Current Limit, Enable, Frequency Control, Reset	Current Limit, Enable, Frequency Control, Reset	Current Limit, Enable, Frequency Control, Reset	Current Limit, Enable, Frequency Control, Reset
Base Product Number	MAX1858	MAX1858	MAX1858	MAX1858
Supplier Device Package	24-QSOP	24-QSOP	24-QSOP	24-QSOP
Voltage - Supply (Vcc/Vdd)	4.75V ~ 23V	4.75V ~ 23V	4.5V ~ 23V	4.5V ~ 23V
Output Phases	2	2	2	2
Series	-	-	-	-
Serial Interfaces	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of Outputs	2	2	2	2
Synchronous Rectifier	Yes	Yes	Yes	Yes
Frequency - Switching	100kHz ~ 600kHz	100kHz ~ 600kHz	100kHz ~ 600kHz	100kHz ~ 600kHz

MAX1858EEG+ Datasheet PDF

Download MAX1858EEG+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1858EEG+ - Analog Devices Inc./Maxim Integrated.

Datasheets


[EE-Sim Design, Simulation Environment Guide.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide



















 Part Numbering System.pdf

HTML Datasheet

 MAX1858.pdf

Customers Also Interested in

Recommended Products

 MAX1856EUB Analog Devices Inc./Maxim Integrated IC REG CTRLR CBL MOD 10UT 10UMAX	 MAX1857EUA47 Analog Devices Inc./Maxim Integrated IC REG LIN POS ADJ 500MA 8UMAX	 MAX1854EEG Analog Devices Inc./Maxim Integrated STEP-DOWN CONTROLLER	 MAX185BCWG Analog Devices Inc./Maxim Integrated 12-BIT ADC WITH EXTERNAL REF	 MAX1858EEG+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 24QSOP	 MAX185BCNG+ Analog Devices Inc./Maxim Integrated IC ADC 12BIT HS 24-DIP
 MAX1857EUA47+T Analog Devices Inc./Maxim Integrated IC REG LIN POS ADJ 500MA 8UMAX	 MAX1856EUB+ Analog Devices Inc./Maxim Integrated IC REG CTRLR CBL MOD 10UT 10UMAX	 MAX185ACWG Analog Devices / Maxim Integrated	 MAX1864TEEE-T Analog Devices / Maxim Integrated	 MAX1858EEG Analog Devices / Maxim Integrated	 MAX1858AEEG+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 24QSOP
 MAX1858EEG-T Analog Devices / Maxim Integrated	 MAX1853EXT+T Analog Devices Inc./Maxim Integrated IC REG CHARGE PUMP INV SC70-6	 MAX1856EUB+T Analog Devices Inc./Maxim Integrated IC REG CTRLR CBL MOD 10UT 10UMAX	 MAX1864TEEE+T Analog Devices Inc./Maxim Integrated IC PWR SUPPLY CONTROLLER 16QSOP	 MAX1858AEEG+ Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 24QSOP	 MAX1864TEEE Analog Devices Inc./Maxim Integrated XDSL/CABLE MODEM POWER SUPPLY

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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



[View More](#)

