



Image may be representation.
See specifications for product details.



MAX1631EAI

Manufacturer Part Number	MAX1631EAI
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1631EAI
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BUCK 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	MAX1630-35.pdf

Get a Quote

MAX1631EAI - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX1631EAI datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1631EAI, please send us email: info@allelco.com

Specifications

MAX1631EAI Tech Specifications

MAX1631EAI - 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)	4.2V ~ 30V	Operating Temperature	-40°C ~ 85°C (TA)
Topology	Buck	Number of Outputs	2
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	28-SSOP	Function	Step-Down
Series	-	Frequency - Switching	200kHz ~ 300kHz
Serial Interfaces	-	Duty Cycle (Max)	99%
Package / Case	28-SSOP (0.209", 5.30mm Width)	Control Features	Enable, Reset, Sequencing
Package	Tube	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	MAX1631
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1631EAI

Product Attribute				
Part Number	MAX1631EAI	MAX1631AEAI+T	MAX1631EAI+T	MAX1631CAI
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Function	Step-Down	Step-Down	Step-Down	Step-Down
Clock Sync	Yes	Yes	Yes	Yes
Series	-	-	-	-
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Base Product Number	MAX1631	MAX1631	MAX1631	MAX1631
Voltage - Supply (Vcc/Vdd)	4.2V ~ 30V	4.2V ~ 30V	4.2V ~ 30V	4.2V ~ 30V
Number of Outputs	2	2	2	2
Topology	Buck	Buck	Buck	Buck
Duty Cycle (Max)	99%	99%	99%	99%
Supplier Device Package	28-SSOP	28-SSOP	28-SSOP	28-SSOP
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)
Frequency - Switching	200kHz ~ 300kHz	200kHz ~ 300kHz	200kHz ~ 300kHz	200kHz ~ 300kHz
Control Features	Enable, Reset, Sequencing	Enable, Reset, Sequencing	Enable, Reset, Sequencing	Enable, Reset, Sequencing
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Output Configuration	Positive	Positive	Positive	Positive
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Synchronous Rectifier	Yes	Yes	Yes	Yes
Output Phases	1	1	1	1
Serial Interfaces	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MAX1631EAI Datasheet PDF

Download MAX1631EAI pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1631EAI - Analog Devices Inc./Maxim Integrated.

Datasheets


[MAX1630-35.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide



















 Part Numbering System.pdf

PCN Obsolescence/ EOL

 Mult Dev OBS 04/Sep/2015.pdf

Customers Also Interested in

Recommended Products

					
MAX1631AEAI Analog Devices Inc./Maxim Integrated IC REG LINEAR LOW NOISE PWR SUP	MAX1631AEAI+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28SSOP	MAX1631EAI+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28SSOP	MAX1632AEAI+ Analog Devices Inc./Maxim Integrated IC REG TRIPLE BUCK/LINEAR 28SSOP	MAX1631EAI-TG068 Analog Devices / Maxim Integrated	MAX1631CAI-T Analog Devices / Maxim Integrated
					
MAX1631CAI Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28SSOP	MAX1631EAI-TG074 Analog Devices Inc./Maxim Integrated IC REG LINEAR LOW NOISE PWR SUP	MAX1631EAI-T Analog Devices / Maxim Integrated	MAX1631EAI-T Analog Devices / Maxim Integrated	MAX1630CAI Analog Devices Inc./Maxim Integrated IC REG TRIPLE BUCK/LINEAR 28SSOP	MAX1630CAI-T Analog Devices / Maxim Integrated
					
MAX162CCWG+ Analog Devices Inc./Maxim Integrated IC ADC 12BIT 3US H-SPEED 24-SOIC	MAX1632AEAI+T Analog Devices Inc./Maxim Integrated IC REG TRIPLE BUCK/LINEAR 28SSOP	MAX1631RESA+ Analog Devices / Maxim Integrated	MAX162CMRG Analog Devices / Maxim Integrated	MAX1631AEAI-TG096 Analog Devices / Maxim Integrated	MAX1632AEAI Analog Devices / Maxim Integrated

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

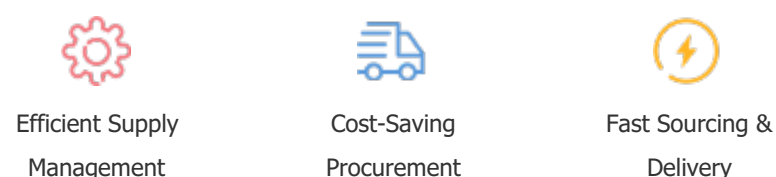
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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



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