

Image may be representation.
See specifications for product details.

MAX14931BASE+

Manufacturer Part Number	MAX14931BASE+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX14931BASE+
ECAD Model	Request Free CAD Models
Parts Description	DGTL ISO 2750VRMS 4CH GP 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	MAX14930-32, MAX14130-31.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



MAX14931BASE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX14931BASE+ datasheet/specifications on AllelcoElec.com.
Request a quote for MAX14931BASE+, please send us email: info@allelco.com

Specifications

MAX14931BASE+ Tech Specifications
MAX14931BASE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Supply	1.71V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Isolation	2750Vrms	Number of Channels	4
Type	General Purpose	Mounting Type	Surface Mount
Technology	Capacitive Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	3/1
Series	-	Data Rate	25Mbps
Rise / Fall Time (Typ)	2ns, 2ns	Common Mode Transient Immunity (Min)	25kV/μs (Typ)
Pulse Width Distortion (Max)	2.6ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	27.5ns, 28.8ns	Base Product Number	MAX14931
Package / Case	16-SOIC (0.154", 3.90mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX14931BASE+

Product Attribute				
Part Number	MAX14931BASE+	MAX14942GWE+T	MAX14932BASE+T	MAX14932DAWE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Base Product Number	MAX14931	MAX14942	MAX14932	MAX14932
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Rise / Fall Time (Typ)	2ns, 2ns	15ns, 15ns (Max)	2ns, 2ns	2ns, 2ns
Inputs - Side 1/Side 2	3/1	2/1	2/2	2/2
Number of Channels	4	3	4	4
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)
Voltage - Supply	1.71V ~ 5.5V	1.71V ~ 5.5V, 4.5V ~ 5.5V	1.71V ~ 5.5V	1.71V ~ 5.5V
Voltage - Isolation	2750Vrms	5000Vrms	2750Vrms	2750Vrms
Propagation Delay tpLH / tpHL (Max)	27.5ns, 28.8ns	68ns, 68ns	27.5ns, 28.8ns	54.1ns, 55.3ns
Pulse Width Distortion (Max)	2.6ns	-	2.6ns	4.5ns
Technology	Capacitive Coupling	Capacitive Coupling	Capacitive Coupling	Capacitive Coupling
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Isolated Power	No	No	No	No
Common Mode Transient Immunity (Min)	25kV/μs (Typ)	35kV/μs (Typ)	25kV/μs (Typ)	25kV/μs (Typ)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 125°C
Data Rate	25Mbps	20Mbps	25Mbps	1Mbps
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	General Purpose	RS485	General Purpose	General Purpose

MAX14931BASE+ Datasheet PDF

Download MAX14931BASE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX14931BASE+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX14930-32, MAX14130-31.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

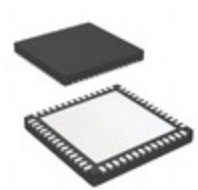
Application Notes



Understanding the Safety Certification of Digital .pdf

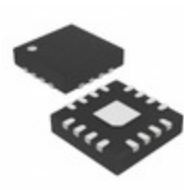
Customers Also Interested in

Recommended Products



MAX14913AKN+

Analog Devices Inc./Maxim Integrated
IC PWR DRIVER 1:8 56QFN



MAX14914ATE+

Analog Devices Inc./Maxim Integrated
IC PWR SWITCH 1:1 16TQFN



MAX14942GWE+T

Analog Devices Inc./Maxim Integrated
DGTL ISO 5000VRMS RS485 16SOIC



MAX14913EVKIT#

Analog Devices Inc./Maxim Integrated
EV KIT FOR MAX14913



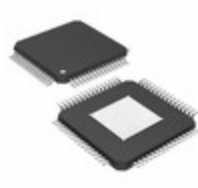
MAX14932BASE+T

Analog Devices Inc./Maxim Integrated
DGTL ISO 2750VRMS 4CH GP 16SOIC



MAX14932DAWE+T

Analog Devices Inc./Maxim Integrated
DGTL ISO 2750VRMS 4CH GP 16SOIC



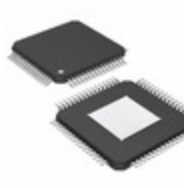
MAX14920ECB+T

Analog Devices Inc./Maxim Integrated
IC BATT MON MULTI 1-8 64TQFP



MAX14930FASE+T

Analog Devices Inc./Maxim Integrated
DGTL ISO 2750VRMS 4CH GP 16SOIC



MAX14920ECB+

Analog Devices Inc./Maxim Integrated
IC BATT MON MULTI 1-12C 64TQFP



MAX14931DASE+T

Analog Devices Inc./Maxim Integrated
DGTL ISO 2750VRMS 4CH GP 16SOIC



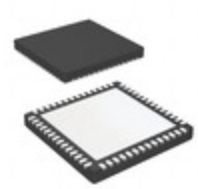
MAX14921ECS

Analog Devices / Maxim Integrated



MAX14932AAWE+

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DGTL ISO 2750VRMS 4CH GP 16SOIC



MAX14912AKN+

Analog Devices Inc./Maxim Integrated
IC PWR DRIVER 1:8 56QFN



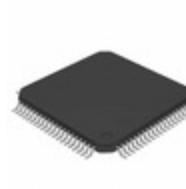
MAX14931BAWE+T

Analog Devices Inc./Maxim Integrated
DGTL ISO 2750VRMS 4CH GP 16SOIC



MAX14934EAW+E

Analog Devices Inc./Maxim Integrated
DGTL ISO 5000VRMS 4CH GP 16SOIC



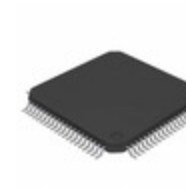
MAX14921ECS+T

Analog Devices Inc./Maxim Integrated
IC BATT MON MULTI 1-16C 80TQFP



MAX14932FASE+

Analog Devices Inc./Maxim Integrated
DGTL ISO 2750VRMS 4CH GP 16SOIC



MAX14921ECS+

Analog Devices Inc./Maxim Integrated
IC BATT MON MULTI 1-16C 80TQFP

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

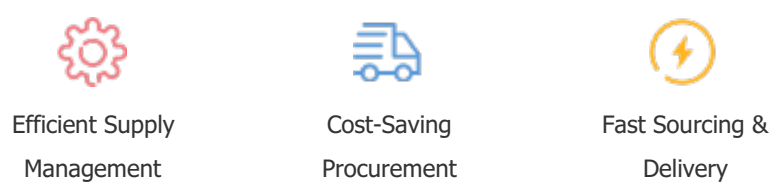
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

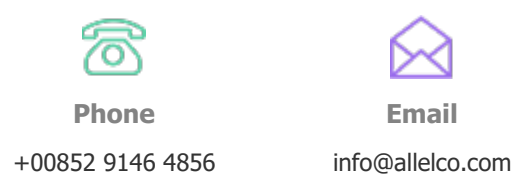
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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