

Image may be representation.  
See specifications for product details.



## MAX31850KATB+

Manufacturer Part Number	<b>MAX31850KATB+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX31850KATB+
ECAD Model	Request Free CAD Models
Parts Description	IC CONV THRMCPLE-DIG K TYPE TDFN
Package	10-WFDFN Exposed Pad
Data sheet	<b>MAX31850,51.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX31850KATB+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX31850KATB+ datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX31850KATB+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX31850KATB+ Tech Specifications

MAX31850KATB+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Type	Digital
Type	Thermocouple to Digital Converter	Operating Temperature	-40°C ~ 125°C
Supplier Device Package	10-TDFN (3x4)	Mounting Type	Surface Mount
Series	-	Input Type	Thermocouple (Multiple)
Package / Case	10-WFDFN Exposed Pad	Current - Supply	900 µA
Package	Tube	Base Product Number	MAX31850

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX31850KATB+

Product Attribute				
Part Number	MAX31850KATB+	MAX31855KASA+T	MAX31855TASA+T	MAX31856MUD+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	-	-	-	-
Current - Supply	900 µA	900 µA	900 µA	1.2 mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-55°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	Thermocouple to Digital Converter	Thermocouple to Digital Converter	Thermocouple to Digital Converter	Thermocouple to Digital Converter
Input Type	Thermocouple (Multiple)	Thermocouple (Multiple)	Thermocouple (Multiple)	Thermocouple
Package / Case	10-WFDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)
Base Product Number	MAX31850	MAX31855	MAX31855	MAX31856
Supplier Device Package	10-TDFN (3x4)	8-SOIC	8-SOIC	14-TSSOP
Output Type	Digital	Digital	Digital	Digital

### MAX31850KATB+ Datasheet PDF

Download MAX31850KATB+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX31850KATB+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX31850,51.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>MAX3180EUK-T</b>	<b>MAX3181EEUK+T</b>	<b>MAX3181EUK+T</b>	<b>MAX31855KASA+T</b>	<b>MAX3185CAP</b>	<b>MAX3182EUK-T</b>
Analog Devices Inc./Maxim Integrated IC RECEIVER 0/1 SOT23-5	Analog Devices Inc./Maxim Integrated IC RECEIVER 0/1 SOT23-5	Analog Devices Inc./Maxim Integrated IC RECEIVER 0/1 SOT23-5	Analog Devices Inc./Maxim Integrated IC CONV THERMOCOUPLE-DGTL SOIC	Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 3/5 20SSOP	Analog Devices Inc./Maxim Integrated IC RECEIVER 0/1 SOT23-5

**MAX3180EUK+T**

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/1 SOT23-5

**MAX3182EEUK-T**

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/1 SOT23-5

**MAX31855TASA+T**

Analog Devices Inc./Maxim Integrated  
IC CONV THERMOCOUPLE-DGTL 8SOIC

**MAX3185CAP+**

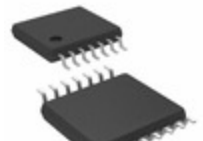
Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 3/5 20SSOP

**MAX31826MUA+T**

Analog Devices Inc./Maxim Integrated  
SENSOR DIGITAL -55C-125C 8UMAX

**MAX31856MUD+**

Analog Devices Inc./Maxim Integrated  
IC CONV THERMOCOUPLE 14TSSOP

**MAX31856MUD+T**

Analog Devices Inc./Maxim Integrated  
IC CONV THERMOCOUPLE 14TSSOP

**MAX3181EEUK-T**

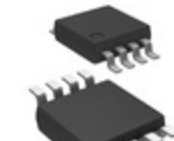
Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/1 SOT23-5

**MAX31855JASA+**

Analog Devices Inc./Maxim Integrated  
IC CONV THERMOCOUPLE-DGTL 8SOIC

**MAX3182EUK+T**

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/1 SOT23-5

**MAX31826MUA+**

Analog Devices Inc./Maxim Integrated  
SENSOR DIGITAL -55C-125C 8UMAX

**MAX31855KASA+**

Analog Devices Inc./Maxim Integrated  
IC CONV THERMOCOUPLE-DGTL SOIC

## 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

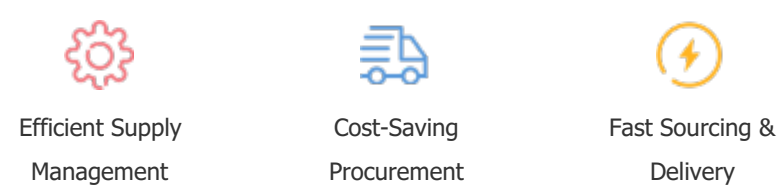
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

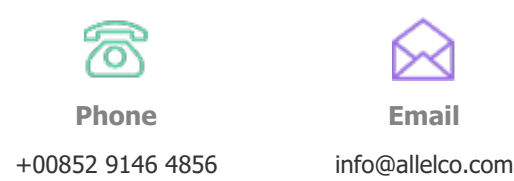
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



[View More](#)