

Image may be representation.  
See specifications for product details.



## MAX31865ATP+T

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>MAX31865ATP+T</b>                   |
| Manufacturer             | <b>Maxim Integrated</b>                |
| Allelco Part Number      | 32D-MAX31865ATP+T                      |
| ECAD Model               | Request Free CAD Models                |
| Parts Description        | IC RTD TO DIGITAL CONVERT 20TQFN       |
| Package                  | 20-WQFN Exposed Pad                    |
| Data sheet               | <b>Cylindrical Battery Holders.pdf</b> |
| RoHs Status              | Lead free / RoHS Compliant             |

**Get a Quote**

MAX31865ATP+T - Maxim Integrated. New Original in Stock. Download Linear Technology MAX31865ATP+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX31865ATP+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX31865ATP+T Tech Specifications

MAX31865ATP+T - Maxim Integrated technical specifications, attributes, parameters

| Product Attribute       | Attribute Value                              | Product Attribute                | Attribute Value   |
|-------------------------|--|----------------------------------|---|
| Manufacturer            | Maxim Integrated                             | Output Alarm                     | No  |
| Voltage - Supply        | 3 V ~ 3.6 V                                  | Other Names                      | MAX31865ATP+T-ND<br>MAX31865ATP+TTR   |
| Topology                | ADC (Sigma Delta), Comparator, Register Bank | Operating Temperature            | -40°C ~ 125°C   |
| Supplier Device Package | 20-TQFN-EP (5x5)                             | Mounting Type                    | Surface Mount   |
| Series                  | -  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)   |
| Sensor Type             | External                                     | Manufacturer Standard Lead Time  | 6 Weeks   |
| Sensing Temperature     | -  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |
| Packaging               | Tape & Reel (TR)                             | Function                         | Temp Monitoring System (Sensor)   |
| Package / Case          | 20-WQFN Exposed Pad                          | Detailed Description             | Temp Monitoring System (Sensor) External Sensor SPI Output 20-TQFN-EP (5x5) |
| Output Type             | SPI  | Base Part Number                 | MAX31865  |
| Output Fan              | No   | Accuracy                         | ±0.5°C(Max)   |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Maxim Integrated MAX31865ATP+T


| Product Attribute                |   |  |   |                                   |
|----------------------------------|---|--|---|-----------------------------------|
| Part Number                      | MAX31865ATP+T   | MAX31865AAP+T  | MAX31865ATP+  | MAX3185EEAP                       |
| Manufacturer                     | Maxim Integrated  | Maxim Integrated   | Maxim Integrated  | Analog Devices / Maxim Integrated |
| Output Fan                       | No  | No   | No  | -                                 |
| Packaging                        | Tape & Reel (TR)  | Cut Tape (CT)  | Tube  | -                                 |
| Accuracy                         | ±0.5°C(Max)   | ±0.5°C(Max)  | ±0.5°C(Max)   | -                                 |
| Detailed Description             | Temp Monitoring System (Sensor) External Sensor SPI Output 20-TQFN-EP (5x5) | Temp Monitoring System (Sensor) External Sensor SPI Output 20-SSOP | Temp Monitoring System (Sensor) External Sensor SPI Output 20-TQFN-EP (5x5) | -                                 |
| Supplier Device Package          | 20-TQFN-EP (5x5)  | 20-SSOP  | 20-TQFN-EP (5x5)  | -                                 |
| Output Type                      | SPI   | SPI  | SPI   | -                                 |
| Manufacturer Standard Lead Time  | 6 Weeks   | 6 Weeks  | 6 Weeks   | -                                 |
| Other Names                      | MAX31865ATP+T-ND<br>MAX31865ATP+TTR   | MAX31865AAP+TCT  | -   | -                                 |
| Function                         | Temp Monitoring System (Sensor)   | Temp Monitoring System (Sensor)                                    | Temp Monitoring System (Sensor)   | -                                 |
| Voltage - Supply                 | 3 V ~ 3.6 V   | 3 V ~ 3.6 V  | 3 V ~ 3.6 V   | -                                 |
| Package / Case                   | 20-WQFN Exposed Pad   | 20-SSOP (0.209", 5.30mm Width)                                     | 20-WQFN Exposed Pad   | -                                 |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  | Lead free / RoHS Compliant   | Lead free / RoHS Compliant  | -                                 |
| Output Alarm                     | No  | No   | No  | -                                 |
| Sensing Temperature              | -   | -  | -   | -                                 |
| Series                           | -   | -  | -   | -                                 |
| Sensor Type                      | External  | External   | External  | -                                 |
| Operating Temperature            | -40°C ~ 125°C   | -40°C ~ 125°C  | -40°C ~ 125°C   | -                                 |
| Mounting Type                    | Surface Mount   | Surface Mount  | Surface Mount   | -                                 |
| Base Part Number                 | MAX31865  | -  | MAX31865  | -                                 |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)   | 1 (Unlimited)  | 1 (Unlimited)   | -                                 |
| Topology                         | ADC (Sigma Delta), Comparator, Register Bank                                | ADC (Sigma Delta), Comparator, Register Bank                       | ADC (Sigma Delta), Comparator, Register Bank                                | -                                 |

### MAX31865ATP+T Datasheet PDF

Download MAX31865ATP+T pdf datasheets and Maxim Integrated documentation for MAX31865ATP+T - Maxim Integrated.




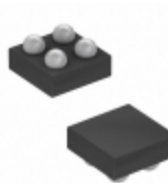

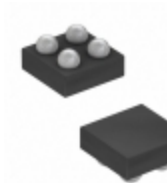
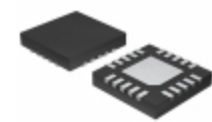

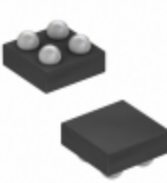









#### Datasheets

Cylindrical Battery Holders.pdf

 Part Numbering System.pdf

## Customers Also Interested in

### Recommended Products

|   |  |  |  |  |  |
|---|--|--|--|--|--|
|    |               |                   |                        |               |                       |
| <b>MAX31865AAP+T</b><br>Maxim Integrated<br>IC RTD TO DIGITAL CONVERT<br>20SSOP     | <b>MAX3185EEAP</b><br>Analog Devices / Maxim<br>Integrated                                     | <b>MAX3185CWP-T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC TRANSCEIVER FULL 3/5 20SOIC   | <b>MAX31875R2TZS+T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>TINY I2C TEMPERATURE SENSOR IN<br>W | <b>MAX3185EWP</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC TRANSCEIVER FULL 3/5 20SOIC   | <b>MAX31875R1TZS+T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>TINY I2C TEMPERATURE SENSOR IN<br>W |
|    |               |                   |                        |               |                       |
| <b>MAX31865ATP+</b><br>Maxim Integrated<br>IC RTD TO DIGITAL CONVERT<br>20QFN       | <b>MAX3185EAP</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC TRANSCEIVER FULL 3/5 20SSOP | <b>MAX31875R0TZS+T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>SENSOR DIGITAL -10C-100C 4WLP | <b>MAX3188EEUT+T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC DRIVER FULL 1/0 SOT23-6            | <b>MAX3185EAP+T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC TRANSCEIVER FULL 3/5 20SSOP | <b>MAX3187CAX</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC TRANSCEIVER FULL 6/10 36SSOP          |
|  |             |                  |                       |              |                     |
| <b>MAX3186CAP-T</b><br>Analog Devices / Maxim<br>Integrated                         | <b>MAX3185ECAP</b><br>Analog Devices / Maxim<br>Integrated                                     | <b>MAX3188EEUT-T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC DRIVER FULL 1/0 SOT23-6      | <b>MAX3185CWP+</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC TRANSCEIVER FULL 3/5 20SOIC          | <b>MAX3186CAP+T</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC TRANSCEIVER FULL 5/3 20SSOP | <b>MAX3185EWP+</b><br>Analog Devices Inc./Maxim<br>Integrated<br>IC INTEGRATED CIRCUIT                   |

## 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 -

|   |   |  |
|---|---|--|
| <br>Efficient Supply<br>Management | <br>Cost-Saving<br>Procurement | <br>Fast Sourcing &<br>Delivery |
|---|---|--|

Contact us if you have any questions.

|  |  |
|--|--|
| <br>Phone<br>+00852 9146 4856 | <br>Email<br>info@allelco.com |
|--|--|

### Certifications & Memberships



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