

# ADS1222IPWR

Quote

#### **ADS1222IPWR Information**

|                           | Part Number  | ADS1222IPWR   |                  |
|---------------------------|--------------|---|------------------|
| artitut<br>wyw.bbblen.com | Manufacturer | Texas Instruments   | <b>131 3 5</b> 0 |
|                           | Category     | Integrated Circuits (ICs)<br>Data Acquisition - Analog to Digital Converters<br>(ADC) | 74.5             |
|                           | Description  | IC 24BIT ADC W/2CH MUX 14-TSSOP   | 12.0             |
|                           | Package      | 14-TSSOP (0.173", 4.40mm Width)   | <b>11</b> 53     |
|                           |              | For the pricing/inventory/lead time, please contact                                   | 121,-10          |
| For Reference Only        |              | us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com             | Request a        |

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **ADS1222IPWR Specifications**

| Manufacturer Part Number   | ADS1222IPWR   |  |  |
|----------------------------|---|--|--|
| Manufacturer               | Texas Instruments                                     |  |  |
| Category                   | Integrated Circuits (ICs)                             |  |  |
|                            | Data Acquisition - Analog to Digital Converters (ADC) |  |  |
| Package                    | 14-TSSOP (0.173", 4.40mm Width)                       |  |  |
| Series                     | -   |  |  |
| Number of Bits             | 24  |  |  |
| Sampling Rate (Per Second) | 240   |  |  |
| Number of Inputs           | 2   |  |  |
| Input Type                 | Differential, Single Ended                            |  |  |
| Data Interface             | SPI   |  |  |
| Configuration              | MUX-ADC   |  |  |
| Ratio - S/H:ADC            | -   |  |  |
| Number of A/D Converters   | 1   |  |  |
| Architecture               | Sigma-Delta   |  |  |
| Reference Type             | External  |  |  |
| Voltage - Supply, Analog   | 2.7 V ~ 5.5 V   |  |  |
| Voltage - Supply, Digital  | 2.7 V ~ 5.5 V   |  |  |
| Features                   | Temperature Sensor                                    |  |  |
| Operating Temperature      | $-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$     |  |  |
| Package / Case             | 14-TSSOP (0.173", 4.40mm Width)                       |  |  |
| Supplier Device Package    | 14-TSSOP  |  |  |
| Mounting Type              | -   |  |  |
|                            | Report errors?  |  |  |

#### **ADS1222IPWR Guarantees**



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

## **ADS1222IPWR Payment Methods**





If you have any question about ADS1222IPWR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com