

# ADS1286UC/2K5

### ADS1286UC/2K5 Information

| For Reference Only |             | ADS1286UC/2K5<br>Texas Instruments<br>Integrated Circuits (ICs)<br>Data Acquisition - Analog to Digital Converters<br>(ADC) |                 |
|--------------------|-------------|---|-----------------|
|                    | Description | IC 12BIT 20K UNIPOL A/D 8SOIC   | - State of a    |
|                    | Package     | 8-SOIC (0.154", 3.90mm Width)   | i ∎iiiiiiii     |
|                    |             | For the pricing/inventory/lead time, please contact<br>us   | 1210104-0044    |
|                    |             | Website: https://www.heisener.com   | Request a Quote |
|                    |             | E-mail: salesdept@heisener.com  |                 |

## **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.



# ADS1286UC/2K5 Specifications

| Manufacturer Part Number   | ADS1286UC/2K5   |
|----------------------------|---|
| Manufacturer               | Texas Instruments                                     |
| Category                   | Integrated Circuits (ICs)                             |
|                            | Data Acquisition - Analog to Digital Converters (ADC) |
| Package                    | 8-SOIC (0.154", 3.90mm Width)                         |
| Series                     | -   |
| Number of Bits             | 12  |
| Sampling Rate (Per Second) | 20k   |
| Number of Inputs           | 1   |
| Input Type                 | Differential  |
| Data Interface             | SPI   |
| Configuration              | S/H-ADC   |
| Ratio - S/H:ADC            | 1:1   |
| Number of A/D Converters   | 1   |
| Architecture               | SAR   |
| Reference Type             | External  |
| Voltage - Supply, Analog   | 5V  |
| Voltage - Supply, Digital  | 5V  |
| Features                   | -   |
| Operating Temperature      | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$         |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width)                         |
| Supplier Device Package    | 8-SOIC  |
| Mounting Type              | -   |
|                            | Report errors?  |

#### ADS1286UC/2K5 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 BUARANTEE

#### **Service Guarantees**

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

#### ADS1286UC/2K5 Payment Methods





If you have any question about ADS1286UC/2K5, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com