

**AD8522AR Information**


For Reference Only

**Part Number** [AD8522AR](#)  
**Manufacturer** Analog Devices Inc.  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital to Analog Converters \(DAC\)](#)  
**Description** IC DAC 12BIT DUAL 5V 14-SOIC  
**Package** 14-SOIC (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**AD8522AR Specifications**

|                           |                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------|
| Manufacturer Part Number  | <a href="#">AD8522AR</a>                                                                           |
| Manufacturer              | Analog Devices Inc.                                                                                |
| Category                  | Integrated Circuits (ICs)<br><a href="#">Data Acquisition - Digital to Analog Converters (DAC)</a> |
| Package                   | 14-SOIC (0.154", 3.90mm Width)                                                                     |
| Series                    | -                                                                                                  |
| Number of Bits            | 12                                                                                                 |
| Number of D/A Converters  | 2                                                                                                  |
| Settling Time             | 16µs (Typ)                                                                                         |
| Output Type               | Voltage - Buffered                                                                                 |
| Differential Output       | No                                                                                                 |
| Data Interface            | SPI                                                                                                |
| Reference Type            | Internal                                                                                           |
| Voltage - Supply, Analog  | 5V                                                                                                 |
| Voltage - Supply, Digital | 5V                                                                                                 |
| INL/DNL (LSB)             | ±0.5, ±0.5                                                                                         |
| Architecture              | R-2R                                                                                               |
| Operating Temperature     | -40°C ~ 85°C                                                                                       |
| Package / Case            | 14-SOIC (0.154", 3.90mm Width)                                                                     |
| Supplier Device Package   | 14-SO                                                                                              |
| Mounting Type             | -                                                                                                  |

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## AD8522AR 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.

## AD8522AR Payment Methods



## AD8522AR Shipping Methods



If you have any question about AD8522AR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)