

**LTC1596ACSW#PBF Information**


For Reference Only

**Part Number** [LTC1596ACSW#PBF](#)  
**Manufacturer** Linear Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital to Analog Converters \(DAC\)](#)  
**Description** IC D/A CONV 16BIT MLTPLYNG16SOIC  
**Package** 16-SOIC (0.295", 7.50mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**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.


**LTC1596ACSW#PBF Specifications**

|                           |  |
|---------------------------|--|
| Manufacturer Part Number  | <a href="#">LTC1596ACSW#PBF</a>  |
| Manufacturer              | Linear Technology  |
| Category                  | Integrated Circuits (ICs)<br><a href="#">Data Acquisition - Digital to Analog Converters (DAC)</a> |
| Package                   | 16-SOIC (0.295", 7.50mm Width)   |
| Series                    | -  |
| Number of Bits            | 16   |
| Number of D/A Converters  | 1  |
| Settling Time             | 1 $\mu$ s (Typ)  |
| Output Type               | Current - Unbuffered   |
| Differential Output       | Yes  |
| Data Interface            | SPI  |
| Reference Type            | External   |
| Voltage - Supply, Analog  | 5V   |
| Voltage - Supply, Digital | 5V   |
| INL/DNL (LSB)             | $\pm 0.35, \pm 0.2$  |
| Architecture              | R-2R   |
| Operating Temperature     | 0°C ~ 70°C   |
| Package / Case            | 16-SOIC (0.295", 7.50mm Width)   |
| Supplier Device Package   | 16-SOIC  |
| Mounting Type             | -  |

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## LTC1596ACSW#PBF 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.

## LTC1596ACSW#PBF Payment Methods



## LTC1596ACSW#PBF Shipping Methods



If you have any question about LTC1596ACSW#PBF, please do not hesitate to contact us!

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

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