

**LTC2000AIY-16 Information**


For Reference Only

**Part Number** [LTC2000AIY-16](#)  
**Manufacturer** Linear Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital to Analog Converters \(DAC\)](#)  
**Description** IC ADC  
**Package** 170-LFBGA  
 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.


**LTC2000AIY-16 Specifications**

Manufacturer Part Number	<a href="#">LTC2000AIY-16</a>
Manufacturer	Linear Technology
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Digital to Analog Converters (DAC)</a>
Package	170-LFBGA
Series	-
Number of Bits	16
Number of D/A Converters	1
Settling Time	2.2ns (Typ)
Output Type	Current - Unbuffered
Differential Output	Yes
Data Interface	LVDS - Parallel
Reference Type	External, Internal
Voltage - Supply, Analog	1.8 V ~ 1.92 V, 3.135 V ~ 3.465 V
Voltage - Supply, Digital	1.8 V ~ 1.92 V, 3.135 V ~ 3.465 V
INL/DNL (LSB)	±1, ±0.5
Architecture	Current Steering
Operating Temperature	-40°C ~ 85°C
Package / Case	170-LFBGA
Supplier Device Package	170-BGA (9x15)
Mounting Type	Surface Mount

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## LTC2000AIY-16 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.

## LTC2000AIY-16 Payment Methods



## LTC2000AIY-16 Shipping Methods



If you have any question about LTC2000AIY-16, please do not hesitate to contact us!

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