

**DAC7742YB/2KG4 Information**


For Reference Only

**Part Number** [DAC7742YB/2KG4](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital to Analog Converters \(DAC\)](#)  
**Description** IC DAC 16BIT PARALLEL LP 48-LQFP  
**Package** 48-LQFP  
 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.


**DAC7742YB/2KG4 Specifications**

Manufacturer Part Number	<a href="#">DAC7742YB/2KG4</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Digital to Analog Converters (DAC)</a>
Package	48-LQFP
Series	-
Number of Bits	16
Number of D/A Converters	1
Settling Time	4µs
Output Type	Voltage - Buffered
Differential Output	No
Data Interface	Parallel
Reference Type	External, Internal
Voltage - Supply, Analog	±11.4 V ~ 15.75 V, -4.75 V ~ -15.75 V
Voltage - Supply, Digital	5V
INL/DNL (LSB)	±4 (Max), ±2 (Max)
Architecture	R-2R
Operating Temperature	-40°C ~ 85°C
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)
Mounting Type	-

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## DAC7742YB/2KG4 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.

## DAC7742YB/2KG4 Payment Methods



## DAC7742YB/2KG4 Shipping Methods



If you have any question about DAC7742YB/2KG4, please do not hesitate to contact us!

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