

**MCP47CVB21-E/MG Information**


For Reference Only

**Part Number** MCP47CVB21-E/MG  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
 Data Acquisition - Digital to Analog Converters (DAC)  
**Description** IC DAC 12BIT V-OUT 16QFN  
**Package** 16-VFQFN Exposed Pad  
 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.


**MCP47CVB21-E/MG Specifications**

Manufacturer Part Number	MCP47CVB21-E/MG
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)
Package	16-VFQFN Exposed Pad
Series	-
Number of Bits	12
Number of D/A Converters	1
Settling Time	16µs (Typ)
Output Type	Voltage - Buffered
Differential Output	Yes
Data Interface	I <sup>2</sup> C
Reference Type	External, Internal
Voltage - Supply, Analog	1.8V ~ 5.5V
Voltage - Supply, Digital	1.8V ~ 5.5V
INL/DNL (LSB)	±1, ±1
Architecture	Current Source
Operating Temperature	-40°C ~ 125°C
Package / Case	16-VFQFN Exposed Pad
Supplier Device Package	16-QFN (3x3)
Mounting Type	Surface Mount

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## MCP47CVB21-E/MG 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.

## MCP47CVB21-E/MG Payment Methods



## MCP47CVB21-E/MG Shipping Methods



If you have any question about MCP47CVB21-E/MG, please do not hesitate to contact us!

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