

**MCP47CVB21-E/MF Information**


For Reference Only

**Part Number** [MCP47CVB21-E/MF](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital to Analog Converters \(DAC\)](#)  
**Description** I2C SINGLE CHANNEL 12-BIT VOLATI  
**Package** 10-VFDFN 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/MF Specifications**

Manufacturer Part Number	<a href="#">MCP47CVB21-E/MF</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Digital to Analog Converters (DAC)</a>
Package	10-VFDFN Exposed Pad
Series	-
Number of Bits	12
Number of D/A Converters	1
Settling Time	16µs (Typ)
Output Type	Voltage - Buffered
Differential Output	No
Data Interface	I <sup>2</sup> C
Reference Type	External, Internal
Voltage - Supply, Analog	1.8 V ~ 5.5 V
Voltage - Supply, Digital	1.8 V ~ 5.5 V
INL/DNL (LSB)	±1, ±1
Architecture	Current Source
Operating Temperature	-40°C ~ 125°C
Package / Case	10-VFDFN Exposed Pad
Supplier Device Package	10-DFN (3x3)
Mounting Type	Surface Mount

[Report errors?](#)

## MCP47CVB21-E/MF 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/MF Payment Methods



## MCP47CVB21-E/MF Shipping Methods



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

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

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