

**IR3870MTR1PBF Information**


For Reference Only

**Part Number** IR3870MTR1PBF  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
 PMIC - Voltage Regulators - DC DC Switching Regulators  
**Description** IC REG BUCK ADJ 10A SYNC PQFN56  
**Package** 17-PowerVQFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**IR3870MTR1PBF Specifications**

Manufacturer Part Number	IR3870MTR1PBF
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators
Package	17-PowerVQFN
Series	SupIRBuck?
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Output Type	Adjustable
Number of Outputs	1
Voltage - Input (Min)	3V
Voltage - Input (Max)	26V
Voltage - Output (Min/Fixed)	0.5V
Voltage - Output (Max)	12V
Current - Output	10A
Frequency - Switching	Up to 1MHz
Synchronous Rectifier	Yes
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	17-PowerVQFN
Supplier Device Package	PQFN (5x6)

[Report errors?](#)

## IR3870MTR1PBF 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.

## IR3870MTR1PBF Payment Methods



## IR3870MTR1PBF Shipping Methods



If you have any question about IR3870MTR1PBF, please do not hesitate to contact us!

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