

**IR3821MTR1PBF Information**


For Reference Only

**Part Number** [IR3821MTR1PBF](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** IC REG BUCK ADJ 7A SYNC QFN  
**Package** 15-PowerVQFN  
 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.


**IR3821MTR1PBF Specifications**

Manufacturer Part Number	<a href="#">IR3821MTR1PBF</a>
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a>
Package	15-PowerVQFN
Series	SupIRBuck?
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Output Type	Adjustable
Number of Outputs	1
Voltage - Input (Min)	2.5V
Voltage - Input (Max)	21V
Voltage - Output (Min/Fixed)	0.6V
Voltage - Output (Max)	12V
Current - Output	7A
Frequency - Switching	600kHz
Synchronous Rectifier	Yes
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	15-PowerVQFN
Supplier Device Package	PQFN (5x6)

[Report errors?](#)

## IR3821MTR1PBF 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.

## IR3821MTR1PBF Payment Methods



## IR3821MTR1PBF Shipping Methods



If you have any question about IR3821MTR1PBF, please do not hesitate to contact us!

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