

IR3842MTR1PBF Information


For Reference Only

Part Number [IR3842MTR1PBF](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)
Description IC REG BUCK ADJ 4A SYNC 15QFN
Package 15-PowerVQFN
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


IR3842MTR1PBF Specifications

Manufacturer Part Number	IR3842MTR1PBF
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators
Package	15-PowerVQFN
Series	SupIRBuck?
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Output Type	Adjustable
Number of Outputs	1
Voltage - Input (Min)	1.5V
Voltage - Input (Max)	16V
Voltage - Output (Min/Fixed)	0.7V
Voltage - Output (Max)	14.4V
Current - Output	4A
Frequency - Switching	225kHz ~ 1.65MHz
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?](#)

IR3842MTR1PBF 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.

IR3842MTR1PBF Payment Methods



IR3842MTR1PBF Shipping Methods



If you have any question about IR3842MTR1PBF, please do not hesitate to contact us!

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