

**IR3578MTRPBF Information**


For Reference Only

**Part Number** [IR3578MTRPBF](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** IC REG BUCK SYNC ADJ 30PQFN  
**Package** 30-PowerVFQFN  
 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.


**IR3578MTRPBF Specifications**

Manufacturer Part Number	<a href="#">IR3578MTRPBF</a>
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) <a href="#">PMIC - Full, Half-Bridge Drivers</a>
Package	30-PowerVFQFN
Series	PowIRstage?
Output Configuration	-
Applications	Synchronous Buck Converters, Voltage Regulators
Interface	PWM
Load Type	Inductive
Technology	-
Rds On (Typ)	-
Current - Output / Channel	50A
Current - Peak Output	-
Voltage - Supply	4.5 V ~ 7 V
Voltage - Load	4.5 V ~ 15 V
Operating Temperature	-
Features	Diode Emulation, Status Flag
Fault Protection	Current Limiting, Over Temperature, Over Voltage, UVLO
Mounting Type	Surface Mount
Package / Case	30-PowerVFQFN
Supplier Device Package	30-PQFN (6x6)

[Report errors?](#)

## IR3578MTRPBF 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.

## IR3578MTRPBF Payment Methods



## IR3578MTRPBF Shipping Methods



If you have any question about IR3578MTRPBF, please do not hesitate to contact us!

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