

**IR44252LTRPBF Information**


For Reference Only

**Part Number** [IR44252LTRPBF](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[PMIC - Gate Drivers](#)  
**Description** IC GATE DRVR LOW SIDE SOT23-5L  
**Package** SC-74A, SOT-753  
 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.


**IR44252LTRPBF Specifications**

Manufacturer Part Number	<a href="#">IR44252LTRPBF</a>
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) <a href="#">PMIC - Gate Drivers</a>
Package	SC-74A, SOT-753
Series	HVIC?
Driven Configuration	Low-Side
Channel Type	Single
Number of Drivers	1
Gate Type	IGBT, N-Channel MOSFET
Voltage - Supply	5 V ~ 18 V
Logic Voltage - VIL, VIH	0.6V, 2.7V
Current - Peak Output (Source, Sink)	300mA, 550mA
Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	-
Rise / Fall Time (Typ)	85ns, 40ns
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	SC-74A, SOT-753
Supplier Device Package	SOT-23-5
<a href="#">Report errors?</a>	

## IR44252LTRPBF 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.

## IR44252LTRPBF Payment Methods



## IR44252LTRPBF Shipping Methods



If you have any question about IR44252LTRPBF, please do not hesitate to contact us!

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