

**FS450R12KE3 Information**


For Reference Only

**Part Number** [FS450R12KE3](#)  
**Manufacturer** Infineon Technologies Industrial Power and Controls Americas  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Modules](#)  
**Description** IGBT MODULE 1200V 450A  
**Package** Module  
 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.


**FS450R12KE3 Specifications**

Manufacturer Part Number	<a href="#">FS450R12KE3</a>
Manufacturer	Infineon Technologies Industrial Power and Controls Americas
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Modules</a>
Package	Module
Series	-
IGBT Type	Trench Field Stop
Configuration	Three Phase Inverter
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	600A
Power - Max	2100W
Vce(on) (Max) @ Vge, Ic	2.15V @ 15V, 450A
Current - Collector Cutoff (Max)	5mA
Input Capacitance (Cies) @ Vce	32nF @ 25V
Input	Standard
NTC Thermistor	Yes
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Chassis Mount
Package / Case	Module
Supplier Device Package	Module

[Report errors?](#)

## FS450R12KE3 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.

## FS450R12KE3 Payment Methods



## FS450R12KE3 Shipping Methods



If you have any question about FS450R12KE3, please do not hesitate to contact us!

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