

IRFB7740PBF Information


For Reference Only

Part Number [IRFB7740PBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 75V 87A TO220
Package TO-220-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


IRFB7740PBF Specifications

Manufacturer Part Number	IRFB7740PBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	StrongIRFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	75V
Current - Continuous Drain (Id) @ 25°C	87A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	3.7V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	122nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4650pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	143W (Tc)
Rds On (Max) @ Id, Vgs	7.3 mOhm @ 52A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

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IRFB7740PBF 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.

IRFB7740PBF Payment Methods



IRFB7740PBF Shipping Methods



If you have any question about IRFB7740PBF, please do not hesitate to contact us!

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