



## **IRFB4620PBF Information**

Part Number IRFB4620PBF

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 200V 25A TO-220AB

Package TO-220-3

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**

For Reference Only

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.









# **IRFB4620PBF Specifications**

Manufacturer Part Number         IRFB4620PBF           Manufacturer         Infineon Technologies           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-220-3           Series         HEXFET?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         200V           Current - Continuous Drain (Id) @ 25°C         25A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         5V @ 100µA           Gate Charge (Qg) (Max) @ Vgs         38nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         1710pF @ 50V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         144W (Tc)           Rds On (Max) @ Id, Vgs         72.5 mOhm @ 15A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-220AB           Package / Case         TO-220-3		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Series HEXFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 25A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max)  FET Feature Power Dissipation (Max) Rds On (Max) @ 144W (Tc) Rds On (Max) @ Id, Vgs Though Temperature Supplier Device Package Package / Case  Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single TO-220-3	Manufacturer Part Number	IRFB4620PBF
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FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C25A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 100μAGate Charge (Qg) (Max) @ Vgs38nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1710pF @ 50VVgs (Max)±20VFET Feature-Power Dissipation (Max)144W (Tc)Rds On (Max) @ Id, Vgs72.5 mOhm @ 15A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	Package	TO-220-3
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C25A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 100μAGate Charge (Qg) (Max) @ Vgs38nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1710pF @ 50VVgs (Max)±20VFET Feature-Power Dissipation (Max)144W (Tc)Rds On (Max) @ Id, Vgs72.5 mOhm @ 15A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	Series	HEXFET?
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Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  Package / Case  TO-220AB	Current - Continuous Drain (Id) @ 25°C	25A (Tc)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  1710pF @ 50V  Vgs (Max)  ±20V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  72.5 mOhm @ 15A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-220AB  Package / Case  TO-220-3	Drive Voltage (Max Rds On, Min Rds On)	10V
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Supplier Device Package TO-220AB Package / Case TO-220-3	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-220-3	Mounting Type	Through Hole
-	Supplier Device Package	TO-220AB
Report errors?	Package / Case	TO-220-3
		Report errors?

#### **IRFB4620PBF 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.

## **IRFB4620PBF Payment Methods**





















## **IRFB4620PBF Shipping Methods**













If you have any question about IRFB4620PBF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com