



### **IRFP7718PBF Information**



For Reference Only

Part Number IRFP7718PBF

Manufacturer Infineon Technologies

**Category** Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N CH 75V 195A TO247

Package TO-247-3

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.









## **IRFP7718PBF Specifications**

Manufacturer Part Number	IRFP7718PBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	HEXFET?, StrongIRFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	75V
Current - Continuous Drain (Id) @ 25°C	195A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	3.7V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	830nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	29550pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	517W (Tc)
Rds On (Max) @ Id, Vgs	1.8 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247AC
Package / Case	TO-247-3
	Report errors?

#### **IRFP7718PBF 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.

# **IRFP7718PBF Payment Methods**





















### **IRFP7718PBF Shipping Methods**













If you have any question about IRFP7718PBF, please do not hesitate to contact us!

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