



### **APT48M80B2 Information**



For Reference Only

Part Number APT48M80B2

Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 800V 48A T-MAX

Package TO-247-3 Variant

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.









## **APT48M80B2 Specifications**

Manufacturer Part Number	APT48M80B2
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-247-3 Variant
Series	POWER MOS 8?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	49A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 2.5mA
Gate Charge (Qg) (Max) @ Vgs	305nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	9330pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	1135W (Tc)
Rds On (Max) @ Id, Vgs	190 mOhm @ 24A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	T-MAX? [B2]
Package / Case	TO-247-3 Variant
	Report errors?

#### **APT48M80B2** 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.

# **APT48M80B2 Payment Methods**



















## **APT48M80B2 Shipping Methods**













If you have any question about APT48M80B2, please do not hesitate to contact us!

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