



### NTP5412NG Information



For Reference Only

Part Number NTP5412NG

Manufacturer ON Semiconductor

**Category** Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 60V 60A 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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# NTP5412NG Specifications

Manufacturer Part Number         NTP5412NG           Manufacturer         ON Semiconductor           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-220-3           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         60A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         85nC @ 0V           Input Capacitance (Ciss) (Max) @ Vds         3220pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         125W (Tc)           Rds On (Max) @ Id, Vgs         14 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-220AB           Package / Case         TO-220AB		
Category         Discrete Semiconductor Products           Fackage         TO-220-3           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         60A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         85nC @ 0V           Input Capacitance (Ciss) (Max) @ Vds         3220pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         125W (Tc)           Rds On (Max) @ Id, Vgs         14 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-220AB           Package / Case         TO-220-3	Manufacturer Part Number	NTP5412NG
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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?

### **NTP5412NG 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.

# NTP5412NG Payment Methods



















### **NTP5412NG Shipping Methods**













If you have any question about NTP5412NG, please do not hesitate to contact us!

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