



### **JANTX2N6804 Information**



For Reference Only

Part Number JANTX2N6804

Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET P-CH 100V 11A TO-204AA

Package TO-204AA, TO-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**

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.









## **JANTX2N6804 Specifications**

Manufacturer Part Number         JANTX2N6804           Manufacturer         Microsemi Corporation           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-204AA, TO-3           Series         Military, MIL-PRF-19500/562           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         11A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         29nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         -           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         4W (Ta), 75W (Tc)           Rds On (Max) @ Id, Vgs         360 mOhm @ 11A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-204AA           Package / Case         TO-204AA, TO-3		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-204AA, TO-3           Series         Military, MIL-PRF-19500/562           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         11A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         29nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         -           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         4W (Ta), 75W (Tc)           Rds On (Max) @ Id, Vgs         360 mOhm @ 11A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-204AA           Package / Case         TO-204AA, TO-3	Manufacturer Part Number	JANTX2N6804
Package         TO-204AA, TO-3           Series         Military, MIL-PRF-19500/562           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         11A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         29nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         -           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         4W (Ta), 75W (Tc)           Rds On (Max) @ Id, Vgs         360 mOhm @ 11A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-204AA           Package / Case         TO-204AA, TO-3	Manufacturer	Microsemi Corporation
Package         TO-204AA, TO-3           Series         Military, MIL-PRF-19500/562           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         11A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         29nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         -           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         4W (Ta), 75W (Tc)           Rds On (Max) @ Id, Vgs         360 mOhm @ 11A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-204AA           Package / Case         TO-204AA, TO-3	Category	Discrete Semiconductor Products
Series Military, MIL-PRF-19500/562 FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 11A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250µA Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 4W (Ta), 75W (Tc) Rds On (Max) @ Id, Vgs 360 mOhm @ 11A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA Package / Case		Transistors - FETs, MOSFETs - Single
FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         11A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         29nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         -           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         4W (Ta), 75W (Tc)           Rds On (Max) @ Id, Vgs         360 mOhm @ 11A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-204AA           Package / Case         TO-204AA, TO-3	Package	TO-204AA, TO-3
Technology Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 11A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 360 mOhm @ 11A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Supplier Device Package TO-204AA Package / Case TO-204AA, TO-3	Series	Military, MIL-PRF-19500/562
Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C11A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs29nC @ 10VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)4W (Ta), 75W (Tc)Rds On (Max) @ Id, Vgs360 mOhm @ 11A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AAPackage / CaseTO-204AA, TO-3	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C  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) @ Id, Vgs  360 mOhm @ 11A, 10V  Operating Temperature  Supplier Device Package  TO-204AA  Package / Case  11A (Tc)  11A (Tc)	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs29nC @ 10VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)4W (Ta), 75W (Tc)Rds On (Max) @ Id, Vgs360 mOhm @ 11A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AAPackage / CaseTO-204AA, TO-3	Drain to Source Voltage (Vdss)	100V
Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  - Vgs (Max)  FET Feature  - Power Dissipation (Max)  Adw (Ta), 75W (Tc)  Rds On (Max) @ Id, Vgs  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-204AA  Package / Case  TO-204AA, TO-3	Current - Continuous Drain (Id) @ 25°C	11A (Tc)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  - Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Jemperature  Jemperat	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max) ±20V  FET Feature -  Power Dissipation (Max) 4W (Ta), 75W (Tc)  Rds On (Max) @ Id, Vgs 360 mOhm @ 11A, 10V  Operating Temperature -55°C ~ 150°C (TJ)  Mounting Type Through Hole  Supplier Device Package TO-204AA  Package / Case TO-204AA, TO-3	Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)4W (Ta), 75W (Tc)Rds On (Max) @ Id, Vgs360 mOhm @ 11A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AAPackage / CaseTO-204AA, TO-3	Gate Charge (Qg) (Max) @ Vgs	29nC @ 10V
FET Feature - Power Dissipation (Max) 4W (Ta), 75W (Tc) Rds On (Max) @ Id, Vgs 360 mOhm @ 11A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA Package / Case TO-204AA, TO-3	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  360 mOhm @ 11A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-204AA  Package / Case  TO-204AA, TO-3	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs360 mOhm @ 11A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AAPackage / CaseTO-204AA, TO-3	FET Feature	-
Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-204AA  Package / Case  TO-204AA, TO-3	Power Dissipation (Max)	4W (Ta), 75W (Tc)
Mounting Type Through Hole Supplier Device Package TO-204AA Package / Case TO-204AA, TO-3	Rds On (Max) @ Id, Vgs	360 mOhm @ 11A, 10V
Supplier Device Package TO-204AA Package / Case TO-204AA, TO-3	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-204AA, TO-3	Mounting Type	Through Hole
	Supplier Device Package	TO-204AA
Report errors?	Package / Case	TO-204AA, TO-3
		Report errors?

#### **JANTX2N6804 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.

# **JANTX2N6804 Payment Methods**



















### **JANTX2N6804 Shipping Methods**













If you have any question about JANTX2N6804, please do not hesitate to contact us!

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