



JANTXV2N6762 Information

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Part Number JANTXV2N6762

Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

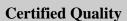
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH **Package** TO-204AA, TO-3

For the pricing/inventory/lead time, please contact

us

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



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.









JANTXV2N6762 Specifications

Manufacturer Part NumberJANTXV2N6762ManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageTO-204AA, TO-3SeriesMilitary, MIL-PRF-19500/542FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)500VCurrent - Continuous Drain (Id) @ 25°C4.5A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250µAGate Charge (Qg) (Max) @ Vgs40nC @ 10VInput Capacitance (Ciss) (Max) @ Vds±20VFET Feature-Power Dissipation (Max)4W (Ta), 75W (Tc)Rds On (Max) @ Id, Vgs1.8 Ohm @ 4.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AA (TO-3)Package / CaseTO-204AA, TO-3Report errors?		
Category Discrete Semiconductor Products Package TO-204AA, TO-3 Series Military, MIL-PRF-19500/542 FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 4.5A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 40nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 4W (Ta), 75W (Tc) Rds On (Max) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3	Manufacturer Part Number	JANTXV2N6762
Package TO-204AA, TO-3 Series Military, MIL-PRF-19500/542 FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 4.5A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 40nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 4W (Ta), 75W (Tc) Rds On (Max) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3	Manufacturer	Microsemi Corporation
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Series Military, MIL-PRF-19500/542 FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 4.5A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 40nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 4W (Ta), 75W (Tc) Rds On (Max) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)500VCurrent - Continuous Drain (Id) @ 25°C4.5A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs40nC @ 10VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)4W (Ta), 75W (Tc)Rds On (Max) @ Id, Vgs1.8 Ohm @ 4.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AA (TO-3)Package / CaseTO-204AA, TO-3	Package	TO-204AA, TO-3
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 4.5A (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) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature Supplier Device Package TO-204AA (TO-3) Package / Case MOSFET (Metal Oxide) 500V 4.5A (Tc) 4.5A	Series	Military, MIL-PRF-19500/542
Drain to Source Voltage (Vdss)500VCurrent - Continuous Drain (Id) @ 25°C4.5A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs40nC @ 10VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)4W (Ta), 75W (Tc)Rds On (Max) @ Id, Vgs1.8 Ohm @ 4.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AA (TO-3)Package / CaseTO-204AA, TO-3	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) #20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3	Technology	MOSFET (Metal Oxide)
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 1.8 Ohm @ 4.5A, 10V Operating Temperature Supplier Device Package TO-204AA (TO-3) Package / Case To-204AA, TO-3	Drain to Source Voltage (Vdss)	500V
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 1.8 Ohm @ 4.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case	Current - Continuous Drain (Id) @ 25°C	4.5A (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 -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case 40nC @ 10V 40nC @ 10V 40nC @ 10V 40nC @ 10V -10V -10	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature Copyright Through Hole Supplier Device Package TO-204AA (TO-3) 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, Vgs1.8 Ohm @ 4.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AA (TO-3)Package / CaseTO-204AA, TO-3	Gate Charge (Qg) (Max) @ Vgs	40nC @ 10V
FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.8 Ohm @ 4.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs1.8 Ohm @ 4.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-204AA (TO-3)Package / CaseTO-204AA, TO-3	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3	Power Dissipation (Max)	4W (Ta), 75W (Tc)
Mounting Type Through Hole Supplier Device Package TO-204AA (TO-3) Package / Case TO-204AA, TO-3	Rds On (Max) @ Id, Vgs	1.8 Ohm @ 4.5A, 10V
Supplier Device Package TO-204AA (TO-3) 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 (TO-3)
Report errors?	Package / Case	TO-204AA, TO-3
		Report errors?

JANTXV2N6762 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.

JANTXV2N6762 Payment Methods









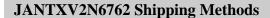
























If you have any question about JANTXV2N6762, please do not hesitate to contact us!

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