



TN2404K-T1-E3 Information

www.letspeer.com

For Reference Only

Part Number TN2404K-T1-E3 **Manufacturer** Vishay Siliconix

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 240V 200MA SOT23-3

Package TO-236-3, SC-59, SOT-23-3

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.









TN2404K-T1-E3 Specifications

Manufacturer Part Number TN2404K-T1-E3 Manufacturer Vishay Siliconix Category Discrete Semiconductor Products		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-236-3, SC-59, SOT-23-3 Series - FET Type N-Channel Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vds Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ### 20V #	Manufacturer Part Number	TN2404K-T1-E3
Package TCO-236-3, SC-59, SOT-23-3 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 240V Current - Continuous Drain (Id) @ 25°C 200mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 10V Vgs(th) (Max) @ Id 2V @ 250μA Gate Charge (Qg) (Max) @ Vgs 8nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 360mW (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Manufacturer	Vishay Siliconix
Package TO-236-3, SC-59, SOT-23-3 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 240V Current - Continuous Drain (Id) @ 25°C 200mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 10V Vgs(th) (Max) @ Id 2V @ 250μA Gate Charge (Qg) (Max) @ Vgs 8nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 360mW (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Category	Discrete Semiconductor Products
Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 240V Current - Continuous Drain (Id) @ 25°C 200mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 10V Vgs(th) (Max) @ Id 2V @ 250μA Gate Charge (Qg) (Max) @ Vgs 8nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 360mW (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 240V Current - Continuous Drain (Id) @ 25°C 200mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 10V Vgs(th) (Max) @ Id 2V @ 250µA Gate Charge (Qg) (Max) @ Vgs 8nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 360mW (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case Toology And	Package	TO-236-3, SC-59, SOT-23-3
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)240VCurrent - Continuous Drain (Id) @ 25°C200mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs8nC @ 10VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)360mW (Ta)Rds On (Max) @ Id, Vgs4 Ohm @ 300mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23-3 (TO-236)Package / CaseTO-236-3, SC-59, SOT-23-3	Series	-
Drain to Source Voltage (Vdss)240VCurrent - Continuous Drain (Id) @ 25°C200mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs8nC @ 10VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)360mW (Ta)Rds On (Max) @ Id, Vgs4 Ohm @ 300mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23-3 (TO-236)Package / CaseTO-236-3, SC-59, SOT-23-3	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs A Ohm @ 300mA, 10V Operating Temperature Surplier Device Package Package / Case 200mA (Ta) 2.5V, 10V 4.0V 4.0V 4.0V 4.0V 5.5°C ~ 150°C (TJ) 4.0V 5.5°C ~ 150°C (TJ) 6.0V	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)2.5V, 10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs8nC @ 10VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)360mW (Ta)Rds On (Max) @ Id, Vgs4 Ohm @ 300mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23-3 (TO-236)Package / CaseTO-236-3, SC-59, SOT-23-3	Drain to Source Voltage (Vdss)	240V
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 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	200mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-236-3, SC-59, SOT-23-3	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 360mW (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Vgs(th) (Max) @ Id	2V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)360mW (Ta)Rds On (Max) @ Id, Vgs4 Ohm @ 300mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23-3 (TO-236)Package / CaseTO-236-3, SC-59, SOT-23-3	Gate Charge (Qg) (Max) @ Vgs	8nC @ 10V
FET Feature - Gover Dissipation (Max) 360mW (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4 Ohm @ 300mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs4 Ohm @ 300mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23-3 (TO-236)Package / CaseTO-236-3, SC-59, SOT-23-3	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Power Dissipation (Max)	360mW (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Rds On (Max) @ Id, Vgs	4 Ohm @ 300mA, 10V
Supplier Device Package SOT-23-3 (TO-236) Package / Case TO-236-3, SC-59, SOT-23-3	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-236-3, SC-59, SOT-23-3	Mounting Type	Surface Mount
	Supplier Device Package	SOT-23-3 (TO-236)
Report errors?	Package / Case	TO-236-3, SC-59, SOT-23-3
		Report errors?

TN2404K-T1-E3 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.

TN2404K-T1-E3 Payment Methods



















TN2404K-T1-E3 Shipping Methods













If you have any question about TN2404K-T1-E3, please do not hesitate to contact us!

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