



SI7368DP-T1-GE3 Information



For Reference Only

Part Number SI7368DP-T1-GE3
Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 20V 13A PPAK SO-8

Package PowerPAK? SO-8

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.









SI7368DP-T1-GE3 Specifications

Manufacturer Part Number SI7368DP-TI-GE3 Manufacturer Vishay Siliconix Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package PowerPAK? SO-8 Series TrenchFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 13A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 1.8V @ 250µA Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds ±16V Vgs (Max) ±16V FET Feature - Power Dissipation (Max) 1.7W (Ta) Rds On (Max) @ Id, Vgs 5.5 mOhm @ 20A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8		
CategoryDiscrete Semiconductor ProductsPackagePowerPAK? SO-8SeriesTrenchFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id1.8V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	Manufacturer Part Number	SI7368DP-T1-GE3
Package PowerPAK? SO-8 Series TrenchFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 13A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 1.8V @ 250μA Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±16V FET Feature - Power Dissipation (Max) 1.7W (Ta) Rds On (Max) @ Id, Vgs 5.5 mOhm @ 20A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8	Manufacturer	Vishay Siliconix
PackagePowerPAK? SO-8SeriesTrenchFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id1.8V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	Category	Discrete Semiconductor Products
SeriesTrenchFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id1.8V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id1.8V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	Package	PowerPAK? SO-8
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id1.8V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	Series	TrenchFET?
Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id1.8V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 1.8V @ 250μA Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±16V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 5.5 mOhm @ 20A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case PowerPAK? SO-8	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id1.8V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	Drain to Source Voltage (Vdss)	20V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1nput Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 5.5 mOhm @ 20A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case	Current - Continuous Drain (Id) @ 25°C	13A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±16V FET Feature - Power Dissipation (Max) 1.7W (Ta) Rds On (Max) @ Id, Vgs 5.5 mOhm @ 20A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8	Vgs(th) (Max) @ Id	1.8V @ 250μA
Vgs (Max)±16VFET Feature-Power Dissipation (Max)1.7W (Ta)Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	Gate Charge (Qg) (Max) @ Vgs	25nC @ 4.5V
FET Feature - Power Dissipation (Max) 1.7W (Ta) Rds On (Max) @ Id, Vgs 5.5 mOhm @ 20A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 5.5 mOhm @ 20A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8	Vgs (Max)	±16V
Rds On (Max) @ Id, Vgs5.5 mOhm @ 20A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerPAK? SO-8Package / CasePowerPAK? SO-8	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8	Power Dissipation (Max)	1.7W (Ta)
Mounting Type Surface Mount Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8	Rds On (Max) @ Id, Vgs	5.5 mOhm @ 20A, 10V
Supplier Device Package PowerPAK? SO-8 Package / Case PowerPAK? SO-8	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case PowerPAK? SO-8	Mounting Type	Surface Mount
•	Supplier Device Package	PowerPAK? SO-8
Report errors?	Package / Case	PowerPAK? SO-8
		Report errors?

SI7368DP-T1-GE3 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.

SI7368DP-T1-GE3 Payment Methods



















SI7368DP-T1-GE3 Shipping Methods













If you have any question about SI7368DP-T1-GE3, please do not hesitate to contact us!

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