



ZVP4105ASTOB Information



For Reference Only

Part Number ZVP4105ASTOB

Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 50V 0.175A TO92-3

Package E-Line-3

For the pricing/inventory/lead time, please contact

us

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



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ZVP4105ASTOB Specifications

Manufacturer Part NumberZVP4105ASTOBManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackageE-Line-3Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C175mA (Ta)Drive Voltage (Max Rds On, Min Rds On)5VVgs(th) (Max) @ Id2V @ ImAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds40pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)625mW (Ta)Rds On (Max) @ Id, Vgs10 Ohm @ 100mA, 5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageE-Line-3Report errors?		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package E-Line-3 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Torain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 175mA (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ### 20V #	Manufacturer Part Number	ZVP4105ASTOB
Package E-Line-3 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 50V Current - Continuous Drain (Id) @ 25°C 175mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 5V Vgs(th) (Max) @ Id 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 40pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 625mW (Ta) Rds On (Max) @ Id, Vgs 10 Ohm @ 100mA, 5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-3	Manufacturer	Diodes Incorporated
PackageE-Line-3Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C175mA (Ta)Drive Voltage (Max Rds On, Min Rds On)5VVgs(th) (Max) @ Id2V @ 1mAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds40pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)625mW (Ta)Rds On (Max) @ Id, Vgs10 Ohm @ 100mA, 5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageE-Line (TO-92 compatible)Package / CaseE-Line-3	Category	Discrete Semiconductor Products
Series - Carbon Series - Channel P-Channel MOSFET (Metal Oxide) Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 50V Current - Continuous Drain (Id) @ 25°C 175mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 5V Vgs(th) (Max) @ Id 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs - Channel Ciss) (Max) @ Vds 40pF @ 25V Vgs (Max) ±20V FET Feature - Channel Ciss) (Max) @ Vds 500		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C175mA (Ta)Drive Voltage (Max Rds On, Min Rds On)5VVgs(th) (Max) @ Id2V @ 1mAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds40pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)625mW (Ta)Rds On (Max) @ Id, Vgs10 Ohm @ 100mA, 5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageE-Line (TO-92 compatible)Package / CaseE-Line-3	Package	E-Line-3
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 175mA (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) **EUV** **EUV** **FET Feature **Power Dissipation (Max) Rds On (Max) @ Id, Vgs **One Max) @ Id, Vgs **One Max) @ Id, Vgs **Operating Temperature **Operating Temperature **Double Through Hole Supplier Device Package **Package / Case **MOSFET (Metal Oxide) **Over Moside **Over Moside **Over Max** **Out Hole **Double Through Hole **E-Line (TO-92 compatible) **E-Line-3** **Double Mose Max** **Double Mose Mose Mose Mose Mose Mose Mose Mos	Series	-
Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C175mA (Ta)Drive Voltage (Max Rds On, Min Rds On)5VVgs(th) (Max) @ Id2V @ 1mAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds40pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)625mW (Ta)Rds On (Max) @ Id, Vgs10 Ohm @ 100mA, 5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageE-Line (TO-92 compatible)Package / CaseE-Line-3	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 175mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 5V Vgs(th) (Max) @ Id 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 40pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 625mW (Ta) Rds On (Max) @ Id, Vgs 10 Ohm @ 100mA, 5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-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 10 Ohm @ 100mA, 5V Operating Temperature Supplier Device Package Package / Case FUND INDEX (Package) E-Line (TO-92 compatible) E-Line -3	Drain to Source Voltage (Vdss)	50V
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 Operating Temperature John @ 100mA, 5V Operating Type Through Hole Supplier Device Package Package / Case E-Line (TO-92 compatible) E-Line-3	Current - Continuous Drain (Id) @ 25°C	175mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10 Ohm @ 100mA, 5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case	Drive Voltage (Max Rds On, Min Rds On)	5V
Input Capacitance (Ciss) (Max) @ Vds 40pF @ 25V Vgs (Max) ±20V FET Feature	Vgs(th) (Max) @ Id	2V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)625mW (Ta)Rds On (Max) @ Id, Vgs10 Ohm @ 100mA, 5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageE-Line (TO-92 compatible)Package / CaseE-Line-3	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) 625mW (Ta) Rds On (Max) @ Id, Vgs 10 Ohm @ 100mA, 5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-3	Input Capacitance (Ciss) (Max) @ Vds	40pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10 Ohm @ 100mA, 5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-3	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs 10 Ohm @ 100mA, 5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-3	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-3	Power Dissipation (Max)	625mW (Ta)
Mounting Type Through Hole Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-3	Rds On (Max) @ Id, Vgs	10 Ohm @ 100mA, 5V
Supplier Device Package E-Line (TO-92 compatible) Package / Case E-Line-3	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case E-Line-3	Mounting Type	Through Hole
-	Supplier Device Package	E-Line (TO-92 compatible)
Report errors?	Package / Case	E-Line-3
		Report errors?

ZVP4105ASTOB 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.

ZVP4105ASTOB Payment Methods



















ZVP4105ASTOB Shipping Methods













If you have any question about ZVP4105ASTOB, please do not hesitate to contact us!

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