



### **ZVN2110GTC Information**

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For Reference Only

Part Number ZVN2110GTC

Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 100V 500MA SOT223

Package TO-261-4, TO-261AA

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**

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# **ZVN2110GTC Specifications**

Manufacturer Part Number         ZVN2110GTC           Manufacturer         Diodes Incorporated           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-261-4, TO-261AA           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         500mA (Ta)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         2.4V @ 1mA           Gate Charge (Qg) (Max) @ Vgs         -           Input Capacitance (Ciss) (Max) @ Vds         75pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         2W (Ta)           Rds On (Max) @ Id, Vgs         4 Ohm @ 1A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SOT-223           Package / Case         TO-261-4, TO-261AA		
Category  Discrete Semiconductor Products  Transistors - FETs, MOSFETs - Single  Package  TO-261-4, TO-261AA  Series  - FET Type  N-Channel  Technology  MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  500mA (Ta)  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  75pF @ 25V  Vgs (Max)  #20V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  4 Ohm @ 1A, 10V  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Manufacturer Part Number	ZVN2110GTC
Package         TO-261-4, TO-261AA           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         500mA (Ta)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         2.4V @ 1mA           Gate Charge (Qg) (Max) @ Vgs         -           Input Capacitance (Ciss) (Max) @ Vds         75pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         2W (Ta)           Rds On (Max) @ Id, Vgs         4 Ohm @ 1A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SOT-223           Package / Case         TO-261-4, TO-261AA	Manufacturer	Diodes Incorporated
Package       TO-261-4, TO-261AA         Series       -         FET Type       N-Channel         Technology       MOSFET (Metal Oxide)         Drain to Source Voltage (Vdss)       100V         Current - Continuous Drain (Id) @ 25°C       500mA (Ta)         Drive Voltage (Max Rds On, Min Rds On)       10V         Vgs(th) (Max) @ Id       2.4V @ 1mA         Gate Charge (Qg) (Max) @ Vgs       -         Input Capacitance (Ciss) (Max) @ Vds       75pF @ 25V         Vgs (Max)       ±20V         FET Feature       -         Power Dissipation (Max)       2W (Ta)         Rds On (Max) @ Id, Vgs       4 Ohm @ 1A, 10V         Operating Temperature       -55°C ~ 150°C (TJ)         Mounting Type       Surface Mount         Supplier Device Package       SOT-223         Package / Case       TO-261-4, TO-261AA	Category	Discrete Semiconductor Products
Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         100V           Current - Continuous Drain (Id) @ 25°C         500mA (Ta)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         2.4V @ 1mA           Gate Charge (Qg) (Max) @ Vgs         -           Input Capacitance (Ciss) (Max) @ Vds         75pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         2W (Ta)           Rds On (Max) @ Id, Vgs         4 Ohm @ 1A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SOT-223           Package / Case         TO-261-4, TO-261AA		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 500mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 2.4V @ ImA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 75pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case Took Care T	Package	TO-261-4, TO-261AA
Technology  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  500mA (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  Operating Temperature  **Ource Package**  **Power Discipation (Max)  **Double Temperature  **Source Mount  Supplier Device Package  **Pocable Mount  **To-261AA**  **MOSFET (Metal Oxide)  100V  **Touthouted  **Toutho	Series	-
Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  500mA (Ta)  10V  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  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  100V  500mA (Ta)  500m	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 500mA (Ta)  Drive Voltage (Max Rds On, Min Rds On) 10V  Vgs(th) (Max) @ Id 2.4V @ 1mA  Gate Charge (Qg) (Max) @ Vgs -  Input Capacitance (Ciss) (Max) @ Vds 75pF @ 25V  Vgs (Max) ±20V  FET Feature -  Power Dissipation (Max) 2W (Ta)  Rds On (Max) @ Id, Vgs 4 Ohm @ 1A, 10V  Operating Temperature -55°C ~ 150°C (TJ)  Mounting Type Surface Mount  Supplier Device Package SOT-223  Package / Case TO-261-4, TO-261AA	Technology	MOSFET (Metal Oxide)
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  4 Ohm @ 1A, 10V  Operating Temperature  Surplier Device Package  Package / Case  10V  2.4V @ 1mA  2.4V @ 1mA  2.4V @ 1mA  2.4V @ 1mA  4 Ohm @ 25V  FET Feature  - To-261-4, TO-261AA	Drain to Source Voltage (Vdss)	100V
Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  75pF @ 25V  Vgs (Max)  ±20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  4 Ohm @ 1A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	500mA (Ta)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  75pF @ 25V  Vgs (Max)  ±20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  4 Ohm @ 1A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds  75pF @ 25V  Vgs (Max)  ±20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  4 Ohm @ 1A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  SOT-223  Package / Case  TO-261-4, TO-261AA	Vgs(th) (Max) @ Id	2.4V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs4 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 4 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Input Capacitance (Ciss) (Max) @ Vds	75pF @ 25V
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  4 Ohm @ 1A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  SOT-223  Package / Case  TO-261-4, TO-261AA	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs4 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	FET Feature	-
Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  SOT-223  Package / Case  TO-261-4, TO-261AA	Power Dissipation (Max)	2W (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Rds On (Max) @ Id, Vgs	4 Ohm @ 1A, 10V
Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-261-4, TO-261AA	Mounting Type	Surface Mount
•	Supplier Device Package	SOT-223
Report errors?	Package / Case	TO-261-4, TO-261AA
		Report errors?

#### **ZVN2110GTC 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.

## **ZVN2110GTC Payment Methods**



















### **ZVN2110GTC Shipping Methods**













If you have any question about ZVN2110GTC, please do not hesitate to contact us!

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