

**ZDT1048TC Information**


For Reference Only

**Part Number** [ZDT1048TC](#)  
**Manufacturer** Diodes Incorporated  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Arrays](#)  
**Description** TRANS 2NPN 17.5V 5A SM8  
**Package** SOT-223-8  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**ZDT1048TC Specifications**

Manufacturer Part Number	<a href="#">ZDT1048TC</a>
Manufacturer	Diodes Incorporated
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - Arrays</a>
Package	SOT-223-8
Series	-
Transistor Type	2 NPN (Dual)
Current - Collector (Ic) (Max)	5A
Voltage - Collector Emitter Breakdown (Max)	17.5V
Vce Saturation (Max) @ Ib, Ic	300mV @ 50mA, 5A
Current - Collector Cutoff (Max)	10nA
DC Current Gain (hFE) (Min) @ Ic, Vce	300 @ 500mA, 2V
Power - Max	2.75W
Frequency - Transition	150MHz
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	SOT-223-8
Supplier Device Package	SM8

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## ZDT1048TC 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.

## ZDT1048TC Payment Methods



## ZDT1048TC Shipping Methods



If you have any question about ZDT1048TC, please do not hesitate to contact us!

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