

**STW2040 Information**


For Reference Only

**Part Number** [STW2040](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 500V 20A TO-247  
**Package** TO-247-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**STW2040 Specifications**

Manufacturer Part Number	<a href="#">STW2040</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	<a href="#">Transistors - Bipolar (BJT) - Single</a>
Package	TO-247-3
Series	-
Transistor Type	NPN
Current - Collector (Ic) (Max)	20A
Voltage - Collector Emitter Breakdown (Max)	500V
Vce Saturation (Max) @ Ib, Ic	500mV @ 1.2A, 6A
Current - Collector Cutoff (Max)	250μA
DC Current Gain (hFE) (Min) @ Ic, Vce	15 @ 6A, 5V
Power - Max	125W
Frequency - Transition	-
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3
<a href="#">Report errors?</a>	

## STW2040 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.

## STW2040 Payment Methods



## STW2040 Shipping Methods



If you have any question about STW2040, please do not hesitate to contact us!

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