

**BST50,115 Information**


For Reference Only

**Part Number** [BST50,115](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN DARL 45V 1A SOT89  
**Package** TO-243AA  
 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.


**BST50,115 Specifications**

Manufacturer Part Number	<a href="#">BST50,115</a>
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - Single</a>
Package	TO-243AA
Series	Automotive, AEC-Q101
Transistor Type	NPN - Darlington
Current - Collector (Ic) (Max)	1A
Voltage - Collector Emitter Breakdown (Max)	45V
Vce Saturation (Max) @ Ib, Ic	1.3V @ 500µA, 500mA
Current - Collector Cutoff (Max)	50nA
DC Current Gain (hFE) (Min) @ Ic, Vce	2000 @ 500mA, 10V
Power - Max	1.3W
Frequency - Transition	200MHz
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-243AA
Supplier Device Package	SOT-89-3

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## BST50,115 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.

## BST50,115 Payment Methods



## BST50,115 Shipping Methods



If you have any question about BST50,115, please do not hesitate to contact us!

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