

**PRF947,115 Information**


For Reference Only

**Part Number** [PRF947,115](#)  
**Manufacturer** NXP  
**Category** Discrete Semiconductor Products  
                   [Transistors - Bipolar \(BJT\) - RF](#)  
**Description** TRANSISTOR NPN 10V 8.5GHZ SOT323  
**Package** SC-70, SOT-323  
 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.


**PRF947,115 Specifications**

Manufacturer Part Number	<a href="#">PRF947,115</a>
Manufacturer	NXP
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - RF</a>
Package	SC-70, SOT-323
Series	-
Transistor Type	NPN
Voltage - Collector Emitter Breakdown (Max)	10V
Frequency - Transition	8.5GHz
Noise Figure (dB Typ @ f)	1.5dB ~ 2.1dB @ 1GHz ~ 2GHz
Gain	-
Power - Max	250mW
DC Current Gain (hFE) (Min) @ Ic, Vce	50 @ 5mA, 6V
Current - Collector (Ic) (Max)	50mA
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Package / Case	SC-70, SOT-323
Supplier Device Package	SOT-323-3

[Report errors?](#)

## PRF947,115 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.

## PRF947,115 Payment Methods



## PRF947,115 Shipping Methods



If you have any question about PRF947,115, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)