

**BFU520R Information**


For Reference Only

**Part Number** [BFU520R](#)  
**Manufacturer** NXP  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - RF](#)  
**Description** TRANS RF NPN 12V 30MA SOT-143B  
**Package** TO-253-4, TO-253AA  
 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.


**BFU520R Specifications**

Manufacturer Part Number	<a href="#">BFU520R</a>
Manufacturer	NXP
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - RF</a>
Package	TO-253-4, TO-253AA
Series	Automotive, AEC-Q101
Transistor Type	NPN
Voltage - Collector Emitter Breakdown (Max)	12V
Frequency - Transition	10.5GHz
Noise Figure (dB Typ @ f)	0.65dB @ 900MHz
Gain	20dB
Power - Max	450mW
DC Current Gain (hFE) (Min) @ Ic, Vce	60 @ 5mA, 8V
Current - Collector (Ic) (Max)	30mA
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-253-4, TO-253AA
Supplier Device Package	SOT-143B

[Report errors?](#)

## BFU520R 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.

## BFU520R Payment Methods



## BFU520R Shipping Methods



If you have any question about BFU520R, please do not hesitate to contact us!

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

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