

BFU550R Information


For Reference Only

Part Number [BFU550R](#)
Manufacturer NXP
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - RF](#)
Description TRANS RF NPN 12V 50MA 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


[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.


BFU550R Specifications

Manufacturer Part Number	BFU550R
Manufacturer	NXP
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - RF
Package	TO-253-4, TO-253AA
Series	Automotive, AEC-Q101
Transistor Type	NPN
Voltage - Collector Emitter Breakdown (Max)	12V
Frequency - Transition	11GHz
Noise Figure (dB Typ @ f)	0.7dB @ 900MHz
Gain	21dB
Power - Max	450mW
DC Current Gain (hFE) (Min) @ Ic, Vce	60 @ 15mA, 8V
Current - Collector (Ic) (Max)	50mA
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?](#)

BFU550R 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.

BFU550R Payment Methods



BFU550R Shipping Methods



If you have any question about BFU550R, please do not hesitate to contact us!

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