

BFU520AR Information


For Reference Only

Part Number [BFU520AR](#)
Manufacturer NXP
Category Discrete Semiconductor Products
 [Transistors - Bipolar \(BJT\) - RF](#)
Description TRANS RF NPN 12V 30MA SOT23-3
Package TO-236-3, SC-59, SOT-23-3
 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.


BFU520AR Specifications

Manufacturer Part Number	BFU520AR
Manufacturer	NXP
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - RF
Package	TO-236-3, SC-59, SOT-23-3
Series	Automotive, AEC-Q101
Transistor Type	NPN
Voltage - Collector Emitter Breakdown (Max)	12V
Frequency - Transition	10GHz
Noise Figure (dB Typ @ f)	0.7dB @ 900MHz
Gain	18dB
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-236-3, SC-59, SOT-23-3
Supplier Device Package	TO-236AB (SOT23)

[Report errors?](#)

BFU520AR 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.

BFU520AR Payment Methods



BFU520AR Shipping Methods



If you have any question about BFU520AR, please do not hesitate to contact us!

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