

**MSA-0311-TR1 Information**


For Reference Only

**Part Number** [MSA-0311-TR1](#)  
**Manufacturer** Broadcom Limited  
**Category** RF/IF and RFID  
[RF Amplifiers](#)  
**Description** IC AMP MMIC BIPOLAR 60MA SOT-143  
**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.


**MSA-0311-TR1 Specifications**

Manufacturer Part Number	<a href="#">MSA-0311-TR1</a>
Manufacturer	Broadcom Limited
Category	RF/IF and RFID <a href="#">RF Amplifiers</a>
Package	TO-253-4, TO-253AA
Series	-
Frequency	0Hz ~ 2.3GHz
P1dB	9dBm (7.9mW)
Gain	9dB ~ 11dB
Noise Figure	6dB
RF Type	ISM, PCS, WLL, 802.16/WiMax
Voltage - Supply	3.8 V ~ 5.6 V
Current - Supply	60mA
Test Frequency	1GHz
Package / Case	TO-253-4, TO-253AA
Supplier Device Package	SOT-143-4

[Report errors?](#)

## MSA-0311-TR1 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.

## MSA-0311-TR1 Payment Methods



## MSA-0311-TR1 Shipping Methods



If you have any question about MSA-0311-TR1, please do not hesitate to contact us!

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

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