

**KSC3123RMTF Information**


For Reference Only

**Part Number** [KSC3123RMTF](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - RF](#)  
**Description** TRANSISTOR NPN 20V 50MA SOT-23  
**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](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.


**KSC3123RMTF Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                    | <a href="#">KSC3123RMTF</a>   |
| Manufacturer                                | Fairchild/ON Semiconductor  |
| Category                                    | Discrete Semiconductor Products<br><a href="#">Transistors - Bipolar (BJT) - RF</a> |
| Package                                     | TO-236-3, SC-59, SOT-23-3   |
| Series                                      | -   |
| Transistor Type                             | NPN   |
| Voltage - Collector Emitter Breakdown (Max) | 20V   |
| Frequency - Transition                      | 1.4GHz  |
| Noise Figure (dB Typ @ f)                   | 3.8dB ~ 5.5dB @ 200MHz  |
| Gain  | 20dB ~ 23dB   |
| Power - Max                                 | 150mW   |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 60 @ 5mA, 10V   |
| Current - Collector (Ic) (Max)              | 50mA  |
| Operating Temperature                       | 150°C (TJ)  |
| Mounting Type                               | Surface Mount   |
| Package / Case                              | TO-236-3, SC-59, SOT-23-3   |
| Supplier Device Package                     | SOT-23-3 (TO-236)   |

[Report errors?](#)

## KSC3123RMTF 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.

## KSC3123RMTF Payment Methods



## KSC3123RMTF Shipping Methods



If you have any question about KSC3123RMTF, please do not hesitate to contact us!

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

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