

TIP31F-S Information


For Reference Only

Part Number [TIP31F-S](#)
Manufacturer Bourns Inc.
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN 160V 3A
Package TO-220-3
 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.


TIP31F-S Specifications

Manufacturer Part Number	TIP31F-S
Manufacturer	Bourns Inc.
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Package	TO-220-3
Series	-
Transistor Type	NPN
Current - Collector (Ic) (Max)	3A
Voltage - Collector Emitter Breakdown (Max)	160V
Vce Saturation (Max) @ Ib, Ic	2.5V @ 750MA, 3A
Current - Collector Cutoff (Max)	300µA
DC Current Gain (hFE) (Min) @ Ic, Vce	25 @ 1A, 4V
Power - Max	2W
Frequency - Transition	-
Operating Temperature	-
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220

[Report errors?](#)

TIP31F-S 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.

TIP31F-S Payment Methods



TIP31F-S Shipping Methods



If you have any question about TIP31F-S, please do not hesitate to contact us!

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