

2N3442 Information


For Reference Only

Part Number [2N3442](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN 140V 10A TO3
Package TO-204AA, TO-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


2N3442 Specifications

Manufacturer Part Number	2N3442
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Package	TO-204AA, TO-3
Series	-
Transistor Type	NPN
Current - Collector (Ic) (Max)	10A
Voltage - Collector Emitter Breakdown (Max)	140V
Vce Saturation (Max) @ Ib, Ic	5V @ 2A, 10A
Current - Collector Cutoff (Max)	200mA
DC Current Gain (hFE) (Min) @ Ic, Vce	20 @ 3A, 4V
Power - Max	117W
Frequency - Transition	80MHz
Operating Temperature	-65°C ~ 200°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-204AA, TO-3
Supplier Device Package	TO-3

[Report errors?](#)

2N3442 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.

2N3442 Payment Methods



2N3442 Shipping Methods



If you have any question about 2N3442, please do not hesitate to contact us!

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