

BDX33B Information


For Reference Only

Part Number [BDX33B](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN DARL 80V 10A TO-220AB
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.


BDX33B Specifications

Manufacturer Part Number	BDX33B
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Package	TO-220-3
Series	-
Transistor Type	NPN - Darlington
Current - Collector (Ic) (Max)	10A
Voltage - Collector Emitter Breakdown (Max)	80V
Vce Saturation (Max) @ Ib, Ic	2.5V @ 6mA, 3A
Current - Collector Cutoff (Max)	500µA
DC Current Gain (hFE) (Min) @ Ic, Vce	750 @ 3A, 3V
Power - Max	70W
Frequency - Transition	-
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AB

[Report errors?](#)

BDX33B 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.

BDX33B Payment Methods



BDX33B Shipping Methods



If you have any question about BDX33B, please do not hesitate to contact us!

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