

**2SA1931,BOSCHQ(J Information**


For Reference Only

**Part Number** [2SA1931,BOSCHQ\(J](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS PNP 5A 50V TO220-3  
**Package** TO-220-3 Full Pack  
 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.


**2SA1931,BOSCHQ(J Specifications**

Manufacturer Part Number	<a href="#">2SA1931,BOSCHQ(J</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - Single</a>
Package	TO-220-3 Full Pack
Series	-
Transistor Type	PNP
Current - Collector (Ic) (Max)	5A
Voltage - Collector Emitter Breakdown (Max)	50V
Vce Saturation (Max) @ Ib, Ic	400mV @ 200mA, 2A
Current - Collector Cutoff (Max)	1μA (ICBO)
DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 1A, 1V
Power - Max	2W
Frequency - Transition	60MHz
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220NIS

[Report errors?](#)

## 2SA1931,BOSCHQ(J 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.

## 2SA1931,BOSCHQ(J Payment Methods



## 2SA1931,BOSCHQ(J Shipping Methods



If you have any question about 2SA1931,BOSCHQ(J, please do not hesitate to contact us!

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