





## BD139-10

Manufacturer Part Number	<b>BD139-10</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-BD139-10
ECAD Model	 PCB Symbol, Footprint & 3D Model
Parts Description	TRANS NPN 80V 1.5A SOT32
Package	TO-225AA, TO-126-3
Data sheet	<b>BD135-136,139-140.pdf</b>
RoHs Status	 ROHS3 Compliant



Get a Quote

BD139-10 - STMicroelectronics.New Original in Stock. Download Linear Technology BD139-10 datasheet/specifications on AllelcoElec.com.

Request a quote for BD139-10, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications





BD139-10 Tech Specifications

BD139-10 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tube
Voltage - Collector Emitter Breakdown (Max)	80 V	Operating Temperature	150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	500mV @ 50mA, 500mA	Mounting Type	Through Hole
Transistor Type	NPN	Frequency - Transition	-
Supplier Device Package	SOT-32	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 150mA, 2V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	1.25 W	Current - Collector (Ic) (Max)	1.5 A
Package / Case	TO-225AA, TO-126-3	Base Product Number	BD139

## Parts with Similar Specifications

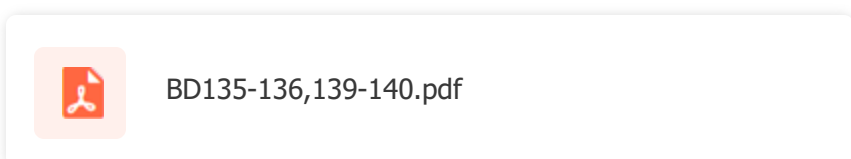
The three parts on the right have similar specifications to STMicroelectronics BD139-10

Product Attribute				
Part Number	BD139-10	BD137G	BD13810STU	BD13716STU
Manufacturer	STMicroelectronics	onsemi	onsemi	onsemi
DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 150mA, 2V	40 @ 150mA, 2V	63 @ 150mA, 2V	100 @ 150mA, 2V
Supplier Device Package	SOT-32	TO-126	TO-126-3	TO-126-3
Transistor Type	NPN	NPN	PNP	NPN
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Vce Saturation (Max) @ Ib, Ic	500mV @ 50mA, 500mA	500mV @ 50mA, 500mA	500mV @ 50mA, 500mA	500mV @ 50mA, 500mA
Current - Collector (Ic) (Max)	1.5 A	1.5 A	1.5 A	1.5 A
Operating Temperature	150°C (TJ)	-55°C ~ 150°C (TJ)	150°C (TJ)	150°C (TJ)
Frequency - Transition	-	-	-	-
Package	Tube	Bulk	Tube	Tube
Voltage - Collector Emitter Breakdown (Max)	80 V	60 V	60 V	60 V
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)
Package / Case	TO-225AA, TO-126-3	TO-225AA, TO-126-3	TO-225AA, TO-126-3	TO-225AA, TO-126-3
Base Product Number	BD139	BD137	BD138	BD137
Series	-	-	-	-
Power - Max	1.25 W	1.25 W	1.25 W	1.25 W

## BD139-10 Datasheet PDF

Download BD139-10 pdf datasheets and STMicroelectronics documentation for BD139-10 - STMicroelectronics.

### Datasheets



## Customers Also Interested in

### Recommended Products



**BD137G**

onsemi  
TRANS NPN 60V 1.5A TO126



**BD139-25**

BR



**BD13810STU**

onsemi  
TRANS PNP 60V 1.5A TO126-3



**BD138KJU2**

STMicroelectronics



**BD13716STU**

onsemi  
TRANS NPN 60V 1.5A TO126-3



**BD13716S**

onsemi  
TRANS NPN 60V 1.5A TO126-3



### BD138G

onsemi  
TRANS NPN 60V 1.5A TO126

### BD13910S

onsemi  
TRANS NPN 80V 1.5A TO126-3

### BD13916S

onsemi  
TRANS NPN 80V 1.5A TO126-3

### BD1376S

onsemi  
TRANS NPN 60V 1.5A TO126-3

### BD1396S

onsemi  
TRANS NPN 80V 1.5A TO126-3

### BD13810STU

Fairchild Semiconductor  
POWER BIPOLAR TRANSISTOR, 1.5A,



### BD139-16

STMicroelectronics  
TRANS NPN 80V 1.5A SOT32-3

### BD1396SBD139-6

Fairchild (onsemi)

### BD13916STU

onsemi  
TRANS NPN 80V 1.5A TO126-3

### BD13910S

Fairchild Semiconductor  
POWER BIPOLAR TRANSISTOR, 1.5A,

### BD138-10

Fairchild (onsemi)

### BD138 MOS

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -

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Cost-Saving Procurement

Fast Sourcing & Delivery

Contact us if you have any questions.

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## Certifications & Memberships



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