



# BCR146E6327

Manufacturer Part Number	<b>BCR146E6327</b>
Manufacturer	<b>Infiniteon Technologies</b>
Allelco Part Number	32D-BCR146E6327
ECAD Model	Request Free CAD Models
Parts Description	<b>BIPOLAR DIGITAL TRANSISTOR</b>
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BCR146E6327.pdf
RoHS Status	<b>ROHS3 Compliant</b>



**Get a Quote**

BCR146E6327 - Infiniteon Technologies. New Original in Stock. Download Linear Technology BCR146E6327 datasheet/specifications on AllelcoElec.com.  
Request a quote for BCR146E6327, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

BCR146E6327 Tech Specifications

BCR146E6327 - Infiniteon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infiniteon Technologies	Package / Case	TO-236-3, SC-59, SOT-23-3
Voltage - Collector Emitter Breakdown (Max)	50 V	Package	Bulk
Vce Saturation (Max) @ Ib, Ic	300mV @ 500µA, 10mA	Mounting Type	Surface Mount
Transistor Type	NPN - Pre-Biased	Frequency - Transition	150 MHz
Supplier Device Package	PG-SOT23-3-3	DC Current Gain (hFE) (Min) @ Ic, Vce	50 @ 5mA, 5V
Series	Automotive, AEC-Q101	Current - Collector Cutoff (Max)	100nA (ICBO)
Resistor - Emitter Base (R2)	22 kOhms	Current - Collector (Ic) (Max)	70 mA
Resistor - Base (R1)	47 kOhms	Base Product Number	BCR146
Power - Max	200 mW		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Infiniteon Technologies BCR146E6327

Product Attribute				
Part Number	BCR146E6327	<a href="#">BCR142E6327</a>	<a href="#">BCR146</a>	<a href="#">BCR142W</a>
Manufacturer	Infiniteon Technologies	Infiniteon Technologies	Infiniteon Technologies	Cypress Semiconductor (Infiniteon Technologies)
Package	Bulk	Bulk	Bulk	-
Base Product Number	BCR146	BCR142	BCR146	-
Voltage - Collector Emitter Breakdown (Max)	50 V	50 V	50 V	-
DC Current Gain (hFE) (Min) @ Ic, Vce	50 @ 5mA, 5V	70 @ 5mA, 5V	50 @ 5mA, 5V	-
Power - Max	200 mW	200 mW	200 mW	-
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)	-
Current - Collector (Ic) (Max)	70 mA	100 mA	70 mA	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Resistor - Emitter Base (R2)	22 kOhms	47 kOhms	22 kOhms	-
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	-
Vce Saturation (Max) @ Ib, Ic	300mV @ 500µA, 10mA	300mV @ 500µA, 10mA	300mV @ 500µA, 10mA	-
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	-
Supplier Device Package	PG-SOT23-3-3	PG-SOT23-3-3	PG-SOT23-3-3	-
Transistor Type	NPN - Pre-Biased	NPN - Pre-Biased	NPN - Pre-Biased	-
Frequency - Transition	150 MHz	150 MHz	150 MHz	-
Resistor - Base (R1)	47 kOhms	22 kOhms	47 kOhms	-

## Customers Also Interested in

### Recommended Products



**BCR142W**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR148**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR148FE6327**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR142E6327**

Infiniteon Technologies  
BIPOLAR DIGITAL TRANSISTOR



**BCR148 E6327**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR148F**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR146T**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR148F E6818**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR142W E6327**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR142-E7874**

Cypress Semiconductor  
(Infiniteon Technologies)



**BCR146**

Infiniteon Technologies  
BIPOLAR DIGITAL TRANSISTOR



**BCR142**

Cypress Semiconductor  
(Infiniteon Technologies)

**BCR146-E6327**Cypress Semiconductor  
(Infineon Technologies)**BCR146 E6327**Cypress Semiconductor  
(Infineon Technologies)**BCR148 E6433**Cypress Semiconductor  
(Infineon Technologies)**BCR148F E6327**Cypress Semiconductor  
(Infineon Technologies)**BCR142 E6327**Cypress Semiconductor  
(Infineon Technologies)**BCR148E6327**Cypress Semiconductor  
(Infineon Technologies)

## 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 -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

**Contact us if you have any questions.**



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Email

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### Certifications & Memberships



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