



BFR182E6327

Manufacturer Part Number **BFR182E6327**

Manufacturer **Infineon Technologies**

Allelco Part Number **32D-BFR182E6327**

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Parts Description **BFR182 - LOW-NOISE SI TRANSISTOR**

Package **TO-236-3, SC-59, SOT-23-3**

Data sheet [BFR182E6327.pdf](#)



Get a Quote

BFR182E6327 - Infineon Technologies. New Original in Stock. Download Linear Technology BFR182E6327 datasheet/specifications on AllelcoElec.com.
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Specifications





BFR182E6327 Tech Specifications

BFR182E6327 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	150°C (TJ)
Voltage - Collector Emitter Breakdown (Max)	12V	Noise Figure (dB Typ @ f)	0.9dB ~ 1.3dB @ 900MHz ~ 1.8GHz
Transistor Type	NPN	Mounting Type	Surface Mount
Supplier Device Package	PG-SOT23	Gain	12dB ~ 18dB
Series	-	Frequency - Transition	8GHz
Power - Max	250mW	DC Current Gain (hFE) (Min) @ Ic, Vce	70 @ 10mA, 8V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Collector (Ic) (Max)	35mA
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BFR182E6327

Product Attribute	 NO PICTURE			
Part Number	BFR182E6327	BFR182WH6327XTSA1	BFR181WH6327XTSA1	BFR181WE6327
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Frequency - Transition	8GHz	8GHz	8GHz	8GHz
Operating Temperature	150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Power - Max	250mW	250mW	175mW	175mW
Gain	12dB ~ 18dB	19dB	19dB	19dB
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Current - Collector (Ic) (Max)	35mA	35mA	20mA	20mA
Voltage - Collector Emitter Breakdown (Max)	12V	12V	12V	12V
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Supplier Device Package	PG-SOT23	PG-SOT323	PG-SOT323	SOT-323
DC Current Gain (hFE) (Min) @ Ic, Vce	70 @ 10mA, 8V	70 @ 10mA, 8V	70 @ 5mA, 8V	70 @ 5mA, 8V
Transistor Type	NPN	NPN	NPN	NPN
Package / Case	TO-236-3, SC-59, SOT-23-3	SC-70, SOT-323	SC-70, SOT-323	SC-70, SOT-323
Noise Figure (dB Typ @ f)	0.9dB ~ 1.3dB @ 900MHz ~ 1.8GHz	0.9dB ~ 1.3dB @ 900MHz ~ 1.8GHz	0.9dB ~ 1.2dB @ 900MHz ~ 1.8GHz	0.9dB ~ 1.2dB @ 900MHz ~ 1.8GHz

Customers Also Interested in

Recommended Products



BFR183 E6327
Cypress Semiconductor
(Infineon Technologies)

BFR182W
INF

BFR182
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(Infineon Technologies)

BFR182WH6327XTSA1
Infineon Technologies
RF TRANS NPN 12V 8GHZ SOT323-3

BFR182W H6327
Cypress Semiconductor
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BFR182 E6327
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BFR182WE6327
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Electro-Films (EFI) / Vishay

BFR182TW-GS08
Electro-Films (EFI) / Vishay

BFR181W H6327
Cypress Semiconductor
(Infineon Technologies)

BFR181W E6327
Cypress Semiconductor
(Infineon Technologies)



BFR181WH6327

BFR183

BFR181WH6327XTSA1

BFR182TE6327

BFR181WE6327

BFR182-E6327

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.



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Contact us if you have any questions.



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