



BCX42E6327

Manufacturer Part Number	BCX42E6327
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BCX42E6327
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	SMALL SIGNAL BIPOLAR TRANSISTOR
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BCX42E6327.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

BCX42E6327 - Infineon Technologies. New Original in Stock. Download Linear Technology BCX42E6327 datasheet/specifications on AllelcoElec.com.
Request a quote for BCX42E6327, please send us email: info@allelco.com

Specifications

BCX42E6327 Tech Specifications
BCX42E6327 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Package	Bulk
Voltage - Collector Emitter Breakdown (Max)	125 V	Operating Temperature	150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	900mV @ 30mA, 300mA	Mounting Type	Surface Mount
Supplier Device Package	PG-SOT23-3-1	Frequency - Transition	150MHz
Series	Automotive, AEC-Q101	DC Current Gain (hFE) (Min) @ Ic, Vce	63 @ 100mA, 1V
Power - Max	330 mW	Current - Collector Cutoff (Max)	10µA
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Collector (Ic) (Max)	800 mA

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BCX42E6327

Product Attribute				
Part Number	BCX42E6327	BCX41TA	BCX38C	BCX41QTA
Manufacturer	Infineon Technologies	Diodes Incorporated	Diodes Incorporated	Diodes Incorporated
Current - Collector Cutoff (Max)	10µA	100nA	100nA (ICBO)	75µA
Current - Collector (Ic) (Max)	800 mA	800 mA	800 mA	800 mA
Supplier Device Package	PG-SOT23-3-1	SOT-23-3	TO-92	SOT-23-3
Frequency - Transition	150MHz	100MHz	-	100MHz
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Vce Saturation (Max) @ Ib, Ic	900mV @ 30mA, 300mA	900mV @ 30mA, 300mA	1.25V @ 8mA, 800mA	900mV @ 30mA, 300mA
Operating Temperature	150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 200°C (TJ)	-55°C ~ 150°C (TJ)
Series	Automotive, AEC-Q101	-	-	Automotive, AEC-Q101
Power - Max	330 mW	330 mW	1 W	330 mW
Package	Bulk	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
DC Current Gain (hFE) (Min) @ Ic, Vce	63 @ 100mA, 1V	25 @ 100µA, 1V	10000 @ 500mA, 5V	63 @ 100mA, 1V
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-226-3, TO-92-3 (TO-226AA)	TO-236-3, SC-59, SOT-23-3
Voltage - Collector Emitter Breakdown (Max)	125 V	125 V	60 V	125 V

Customers Also Interested in

Recommended Products

BCX41E6327 Cypress Semiconductor (Infineon Technologies)	BCX51-13R Diodes Incorporated	BCX41 H6327 Cypress Semiconductor (Infineon Technologies)	BCX42 E6327 SKSEMI/INF	BCX51-10 Nexperia	BCX41TA Diodes Incorporated TRANS NPN 125V 0.8A SOT23-3
BCX51-10 E6327 Cypress Semiconductor (Infineon Technologies)	BCX38C Diodes Incorporated TRANS NPN DARL 60V 0.8A TO92	BCX51-10TAPBF ZETEX	BCX41QTA Diodes Incorporated TRANS NPN 125V 0.8A SOT23-3	BCX51+115 Freescale / NXP Semiconductors	BCX51-10E6237 Cypress Semiconductor (Infineon Technologies)
BCX51-16 Freescale / NXP Semiconductors	BCX41 E6327 Cypress Semiconductor (Infineon Technologies)	BCX38B BCX	BCX42E6433HTMA1 Infineon Technologies TRANS PNP 125V 0.8A SOT23	BCX51 E6327 Siemens	BCX42 H6327 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

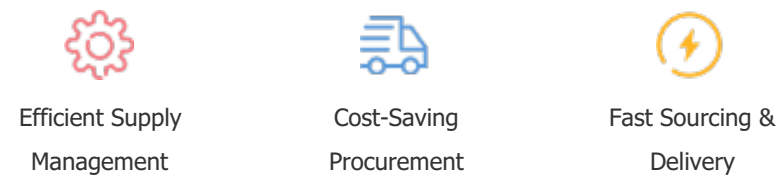
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

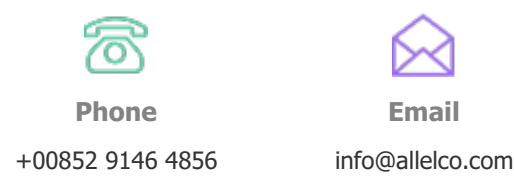
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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