



BC817K-25E6327

Manufacturer Part Number	BC817K-25E6327
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BC817K-25E6327
ECAD Model	Request Free CAD Models
Parts Description	BIPOLAR GEN PURPOSE TRANSISTOR
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BC817K-25E6327.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

BC817K-25E6327 - Infineon Technologies. New Original in Stock. Download Linear Technology BC817K-25E6327 datasheet/specifications on AllelcoElec.com.
Request a quote for BC817K-25E6327, please send us email: info@allelco.com

Specifications

BC817K-25E6327 Tech Specifications

BC817K-25E6327 - 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)	45 V	Mounting Type	Surface Mount
Vce Saturation (Max) @ Ib, Ic	700mV @ 50mA, 500mA	Frequency - Transition	170MHz
Supplier Device Package	PG-SOT23	DC Current Gain (hFE) (Min) @ Ic, Vce	160 @ 100mA, 1V
Series	Automotive, AEC-Q101	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	500 mW	Current - Collector (Ic) (Max)	500 mA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	BC817
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BC817K-25E6327

Product Attribute				
Part Number	BC817K-25E6327	BC817K-40E6327	BC817K-16E6327	BC817K-40
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Diotec Semiconductor
Current - Collector (Ic) (Max)	500 mA	500 mA	500 mA	500 mA
Power - Max	500 mW	500 mW	500 mW	500 mW
DC Current Gain (hFE) (Min) @ Ic, Vce	160 @ 100mA, 1V	250 @ 100mA, 1V	100 @ 100mA, 1V	250 @ 100mA, 1V
Base Product Number	BC817	BC817	BC817	BC817
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	TO-236-3, SC-59, SOT-23-3
Operating Temperature	150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Frequency - Transition	170MHz	170MHz	170MHz	170MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Bulk	Bulk	Bulk	Tape & Reel (TR)
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)
Vce Saturation (Max) @ Ib, Ic	700mV @ 50mA, 500mA	700mV @ 50mA, 500mA	700mV @ 50mA, 500mA	700mV @ 50mA, 500mA
Voltage - Collector Emitter Breakdown (Max)	45 V	45 V	45 V	45 V
Supplier Device Package	PG-SOT23	PG-SOT23	PG-SOT23	SOT-23-3 (TO-236)
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	-

Customers Also Interested in

Recommended Products

BC817K-40E6327 Infineon Technologies BIPOLAR GEN PURPOSE TRANSISTOR	BC817K-16E6327 Infineon Technologies BIPOLAR GEN PURPOSE TRANSISTOR	BC817K-40/6Cs Cypress Semiconductor (Infineon Technologies)	BC817K-40 Diotec Semiconductor TRANS NPN 45V 0.5A SOT23-3	BC817DS+115 Freescale / NXP Semiconductors	BC817K-25W H6327 Cypress Semiconductor (Infineon Technologies)
BC817K-16 Infineon Technologies TRANS NPN 45V 0.5A SOT23-3	BC817DS Freescale / NXP Semiconductors	BC817K-25W Cypress Semiconductor (Infineon Technologies)	BC817DPN125 Nexperia	BC817K-40E6359 Cypress Semiconductor (Infineon Technologies)	BC817K-25 Diotec Semiconductor TRANS NPN 45V 0.5A SOT23-3

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

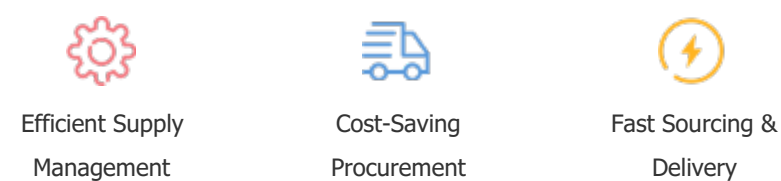
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

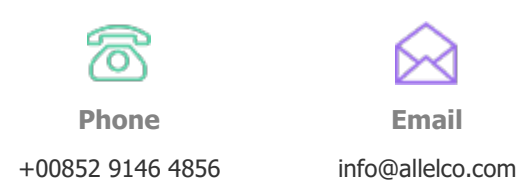
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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