



BAS70E6327

Manufacturer Part Number **BAS70E6327**

Manufacturer **Infineon Technologies**

Allelco Part Number **32D-BAS70E6327**

ECAD Model  Request Free CAD Models

Parts Description **BAS70 - HIGH SPEED SWITCHING, CL**

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

Data sheet [BAS70E6327.pdf](#)



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BAS70E6327 - Infineon Technologies. New Original in Stock. Download Linear Technology BAS70E6327 datasheet/specifications on AllelcoElec.com.
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Specifications





BAS70E6327 Tech Specifications

BAS70E6327 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature - Junction	150°C
Voltage - Forward (Vf) (Max) @ If	1 V @ 15 mA	Mounting Type	Surface Mount
Voltage - DC Reverse (Vr) (Max)	70 V	Diode Type	Schottky
Supplier Device Package	PG-SOT23	Current - Reverse Leakage @ Vr	100 nA @ 50 V
Speed	Small Signal =< 200mA (Io), Any Speed	Current - Average Rectified (Io)	70mA (DC)
Reverse Recovery Time (trr)	100 ps	Capacitance @ Vr, F	1.5pF @ 0V, 1MHz
Package / Case	TO-236-3, SC-59, SOT-23-3		



















Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BAS70E6327

Product Attribute	 NO PICTURE	 life.augmented		
Part Number	BAS70E6327	BAS70JFILM	BAS70LP-7B	BAS70LT1
Manufacturer	Infineon Technologies	STMicroelectronics	Diodes Incorporated	onsemi
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed
Reverse Recovery Time (trr)	100 ps	-	1.6 ns	-
Voltage - DC Reverse (Vr) (Max)	70 V	70 V	70 V	70 V
Package / Case	TO-236-3, SC-59, SOT-23-3	SC-76, SOD-323	0402 (1006 Metric)	TO-236-3, SC-59, SOT-23-3
Diode Type	Schottky	-	-	-
Current - Reverse Leakage @ Vr	100 nA @ 50 V	10 µA @ 70 V	10 µA @ 70 V	10 µA @ 70 V
Supplier Device Package	PG-SOT23	SOD-323	X1-DFN1006-2	SOT-23-3 (TO-236)
Operating Temperature - Junction	150°C	150°C (Max)	-65°C ~ 150°C	-
Voltage - Forward (Vf) (Max) @ If	1 V @ 15 mA	1 V @ 15 mA	960 mV @ 15 mA	1 V @ 15 mA
Current - Average Rectified (Io)	70mA (DC)	70mA	70mA	70mA
Capacitance @ Vr, F	1.5pF @ 0V, 1MHz	2pF @ 0V, 1MHz	1pF @ 0V, 1MHz	2pF @ 0V, 1MHz

Customers Also Interested in

Recommended Products

 BAS70DW-05-7-F Diodes Incorporated DIODE ARRAY SCHOTTKY 70V SOT363	 BAS70H Nexperia	 life.augmented BAS70JFILM STMicroelectronics DIODE SCHOTTKY 70V 70MA SOD323	 BAS70LP-7B Diodes Incorporated DIODE SCHOTTKY 70V 70MA 2DFN	 BAS70LP-7B-01 Diodes Incorporated	 NO PICTURE BAS70CW_R1 PANJIT
 BAS70DW-06-7-F Diodes Incorporated DIODE ARRAY SCHOTTKY 70V SOT363	 BAS70E,6327 Cypress Semiconductor (Infineon Technologies)	 NO PICTURE BAS70C PANJIT	 BAS70DW-05-7 Diodes Incorporated	 BAS70JW-7-F Diodes Incorporated DIODE ARRAY SCHOTTKY 70V SOT363	 NO PICTURE BAS70BRW
 NO PICTURE BAS70CW PANJIT	 NO PICTURE BAS70C T/R PANJIT	 BAS70DW-04Q-7-F Diodes Incorporated SCHOTTKY DIODE SOT363 T&R 3K	 BAS70LT1 onsemi DIODE SCHOTTKY 70V SOT23	 life.augmented BAS70KFILM STMicroelectronics DIODE SCHOTTKY 70V 70MA SOD523	 BAS70L Freescale / NXP Semiconductors

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 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.

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