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See specifications for product details.



VS-30BQ040PBF

Manufacturer Part Number	VS-30BQ040PBF
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-VS-30BQ040PBF
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 40V 3A DO214AB
Package	DO-214AB, SMC
Data sheet	VS-30BQ040PBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VS-30BQ040PBF - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-30BQ040PBF datasheet/specifications on AllelcoElec.com.
Request a quote for VS-30BQ040PBF, please send us email: info@allelco.com

Specifications

VS-30BQ040PBF Tech Specifications
VS-30BQ040PBF - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package	Bulk
Voltage - Forward (Vf) (Max) @ If	530 mV @ 3 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	500 µA @ 40 V
Supplier Device Package	DO-214AB (SMC)	Current - Average Rectified (Io)	3A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	30BQ040
Package / Case	DO-214AB, SMC		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-30BQ040PBF

Product Attribute				
Part Number	VS-30BQ040PBF	VS-2EJH02-M3/6B	VS-30BQ100HM3/9AT	VS-30BQ100-M3/9AT
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Package / Case	DO-214AB, SMC	DO-221AC, SMA Flat Leads	DO-214AB, SMC	DO-214AB, SMC
Supplier Device Package	DO-214AB (SMC)	DO-221AC (SlimSMA)	DO-214AB (SMC)	DO-214AB (SMC)
Current - Reverse Leakage @ Vr	500 µA @ 40 V	2 µA @ 200 V	500 µA @ 100 V	500 µA @ 100 V
Current - Average Rectified (Io)	3A	2A	3A	3A
Base Product Number	30BQ040	2EJH02	30BQ100	30BQ100
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Forward (Vf) (Max) @ If	530 mV @ 3 A	930 mV @ 2 A	790 mV @ 3 A	790 mV @ 3 A
Series	-	FRED Pt®	Automotive, AEC-Q101	-
Technology	Schottky	Standard	Schottky	Schottky
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F	-	-	115pF @ 5V, 1MHz	115pF @ 5V, 1MHz
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	40 V	200 V	100 V	100 V
Operating Temperature - Junction	-55°C ~ 150°C	-65°C ~ 175°C	-55°C ~ 175°C	-55°C ~ 175°C

VS-30BQ040PBF Datasheet PDF

Download VS-30BQ040PBF pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-30BQ040PBF - Vishay General Semiconductor - Diodes Division.

Datasheets

VS-30BQ040PBF.pdf

PCN Obsolescence/ EOL

Surface Mount Schottky Devices 14/Jan/2015.pdf

Customers Also Interested in

Recommended Products

VS-2EGH01HM3	VS-2EJH02-M3/6B	VS-30BQ100HM3/9AT	VS-30BQ100-M3	VS-30BQ100-M3/9AT	VS-30BQ060TRPBF	
Electro-Films (EFI) / Vishay	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 200V 2A DO221AC	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 3A DO214AB	Electro-Films (EFI) / Vishay	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 3A DO214AB	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 3A DO214AB	

					
VS-30BQ040-M3/9AT Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 3A DO214AB	VS-30BQ100PBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 3A DO214AB	VS-30BQ100TRPBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 3A DO214AB	VS-30BQ015TRPBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 3A DO214AB	VS-30BQ060-M3/9AT Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 3A DO214AB	VS-30BQ100GPBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 3A DO214AB
					
VS-30BQ015PBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 3A DO214AB	VS-2EGH02HM3 Electro-Films (EFI) / Vishay	VS-30BQ040TRPBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 3A DO214AB	VS-300CNQ045PBF Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 45V TO244	VS-30BQ015-M3/9AT Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 3A DO214AB	VS-30BQ060PBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 3A DO214AB

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.

-  Phone
+00852 9146 4856
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info@allelco.com

Certifications & Memberships



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Contact us

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