



Image may be representation.  
See specifications for product details.



## 10BQ060

Manufacturer Part Number	<b>10BQ060</b>
Manufacturer	<b>Sangdest Microelectronics / Nanjing (SMC Diode Solutions)</b>
Allelco Part Number	32D-10BQ060
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 60V 1A SMB
Package	DO-214AA, SMB
Data sheet	<b>10BQ060.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

10BQ060 - SMC Diode Solutions. New Original in Stock. Download Linear Technology 10BQ060 datasheet/specifications on AllelcoElec.com.  
Request a quote for 10BQ060, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

10BQ060 Tech Specifications  
10BQ060 - SMC Diode Solutions technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Sangdest Microelectronics / Nanjing (SMC Diode Solutions)	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	600 mV @ 1 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	60 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	1 mA @ 60 V
Supplier Device Package	SMB (DO-214AA)	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	62pF @ 5V, 1MHz
Series	-	Base Product Number	10BQ
Package / Case	DO-214AA, SMB		

### Parts with Similar Specifications

The three parts on the right have similar specifications to SMC Diode Solutions 10BQ060

Product Attribute				
Part Number	10BQ060	10BQ040TR	10BQ100	10BQ060TR
Manufacturer	SMC Diode Solutions	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Technology	Schottky	Schottky	Schottky	Schottky
Series	-	-	-	-
Base Product Number	10BQ	10BQ040	10BQ100	10BQ060
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Reverse Leakage @ Vr	1 mA @ 60 V	100 µA @ 40 V	500 µA @ 100 V	100 µA @ 60 V
Supplier Device Package	SMB (DO-214AA)	DO-214AA (SMB)	DO-214AA (SMB)	DO-214AA (SMB)
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 175°C	-55°C ~ 150°C
Voltage - Forward (Vf) (Max) @ If	600 mV @ 1 A	530 mV @ 1 A	780 mV @ 1 A	600 mV @ 1 A
Voltage - DC Reverse (Vr) (Max)	60 V	40 V	100 V	60 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Current - Average Rectified (Io)	1A	1A	1A	1A
Capacitance @ Vr, F	62pF @ 5V, 1MHz	-	-	62pF @ 5V, 1MHz

### 10BQ060 Datasheet PDF

Download 10BQ060 pdf datasheets and SMC Diode Solutions documentation for 10BQ060 - SMC Diode Solutions.

#### Datasheets

10BQ060.pdf

#### Environmental Information

SMC Diodes REACH 205.pdf

SMC Diodes RoHS.pdf

### Customers Also Interested in

#### Recommended Products



**10BQ060PBF**

IR



**10BQ040TR**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 1A DO214AA



**10BQ040PBF**

IR



**10BQ100**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 100V 1A DO214AA



**10BQ030TRBPF**

IR



**10BQ060TR**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 1A DO214AA



**10BQ040NLTR**  
IR



**10BQ060NTRPBF**  
Electro-Films (EFI) / Vishay



**10BQ040**  
SMC Diode Solutions  
DIODE SCHOTTKY 40V 1A SMB



**10BQ100**  
SMC Diode Solutions  
DIODE SCHOTTKY 100V 1A SMB



**10BQ060TRBPF**  
IR



**10BQ040TRPBF**  
IR



**10BQ040TRBPF**  
IR



**10BQ030TRPBF**  
Electro-Films (EFI) / Vishay



**10BQ030TR**  
Vishay General Semiconductor -  
Diodes Division  
DIODE SCHOTTKY 30V 1A DO214AA



**10BQ060**  
Vishay General Semiconductor -  
Diodes Division  
DIODE SCHOTTKY 60V 1A DO214AA



**10BQ040**  
Vishay General Semiconductor -  
Diodes Division  
DIODE SCHOTTKY 40V 1A DO214AA



**10BQ060TRPBF**  
IR

## 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  
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- Email  
info@allelco.com

## Certifications & Memberships



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