

Image may be representation.  
See specifications for product details.



## MBRS140T3

|                          |                                  |
|--------------------------|----------------------------------|
| Manufacturer Part Number | <b>MBRS140T3</b>                 |
| Manufacturer             | <b>onsemi</b>                    |
| Allelco Part Number      | 32D-MBRS140T3                    |
| ECAD Model               | PCB Symbol, Footprint & 3D Model |
| Parts Description        | <b>DIODE SCHOTTKY 40V 1A SMB</b> |
| Package                  | <b>DO-214AA, SMB</b>             |
| Data sheet               | <b>MBRS140T3.pdf</b>             |

**Get a Quote**

MBRS140T3 - onsemi.New Original in Stock. Download Linear Technology MBRS140T3 datasheet/specifications on AllelcoElec.com.  
Request a quote for MBRS140T3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MBRS140T3 Tech Specifications  
MBRS140T3 - onsemi technical specifications, attributes, parameters

| Product Attribute                 | Attribute Value                      | Product Attribute                | Attribute Value  |
|-----------------------------------|--------------------------------------|----------------------------------|------------------|
| Manufacturer                      | onsemi                               | Package / Case                   | DO-214AA, SMB    |
| Voltage - Forward (Vf) (Max) @ If | 600 mV @ 1 A                         | Package                          | Tape & Reel (TR) |
| Voltage - DC Reverse (Vr) (Max)   | 40 V                                 | Mounting Type                    | Surface Mount    |
| Technology                        | Schottky                             | Current - Reverse Leakage @ Vr   | 1 mA @ 40 V      |
| Supplier Device Package           | SMB                                  | Current - Average Rectified (Io) | 1A               |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io) | Capacitance @ Vr, F              | -                |
| Series                            | -                                    | Base Product Number              | MBRS140          |

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRS140T3

| Product Attribute                 |                                      |                                      |                                      |                                      |
|-----------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number                       | MBRS140T3                            | <b>MBRS130T3</b>                     | <b>MBRS140</b>                       | <b>MBRS140</b>                       |
| Manufacturer                      | onsemi                               | onsemi                               | Fairchild Semiconductor              | onsemi                               |
| Package                           | Tape & Reel (TR)                     | Tape & Reel (TR)                     | Bulk                                 | Tape & Reel (TR)                     |
| Current - Average Rectified (Io)  | 1A                                   | 1A                                   | 1A                                   | 1A                                   |
| Technology                        | Schottky                             | Schottky                             | Schottky                             | Schottky                             |
| Voltage - DC Reverse (Vr) (Max)   | 40 V                                 | 30 V                                 | 40 V                                 | 40 V                                 |
| Base Product Number               | MBRS140                              | MBRS130                              | MBRS140                              | MBRS140                              |
| Supplier Device Package           | SMB                                  | SMB                                  | SMB (DO-214AA)                       | DO-214AA (SMB)                       |
| Capacitance @ Vr, F               | -                                    | -                                    | -                                    | -                                    |
| Package / Case                    | DO-214AA, SMB                        | DO-214AA, SMB                        | DO-214AA, SMB                        | DO-214AA, SMB                        |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) |
| Current - Reverse Leakage @ Vr    | 1 mA @ 40 V                          | 1 mA @ 30 V                          | 1 mA @ 40 V                          | 1 mA @ 40 V                          |
| Mounting Type                     | Surface Mount                        | Surface Mount                        | Surface Mount                        | Surface Mount                        |
| Voltage - Forward (Vf) (Max) @ If | 600 mV @ 1 A                         | 600 mV @ 1 A                         | 600 mV @ 1 A                         | 600 mV @ 1 A                         |
| Series                            | -                                    | -                                    | -                                    | -                                    |

### MBRS140T3 Datasheet PDF

Download MBRS140T3 pdf datasheets and onsemi documentation for MBRS140T3 - onsemi.

#### Datasheets

[MBRS140T3.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL

[DK OBS NOTICE.pdf](#)

### Customers Also Interested in

#### Recommended Products



**MBRS140\_NL**  
Fairchild (onsemi)



**MBRS140T3-LF**  
AMI Semiconductor/onsemi



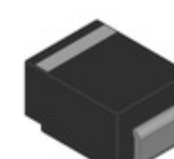
**MBRS130T3 B13**  
AMI Semiconductor/onsemi



**MBRS1535CT**  
Taiwan Semiconductor



**MBRS140(TE85L)**  
TAEC Product (Toshiba Electronic Devices and Stora

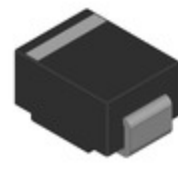


**MBRS130T3**  
onsemi  
DIODE SCHOTTKY 30V 1A SMB



### MBRS140

Fairchild Semiconductor  
DIODE SCHOTTKY 40V 1A SMB



### MBRS140LT3G

onsemi  
DIODE SCHOTTKY 40V 1A SMB



### MBRS140TR

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



### MBRS140FSDKR

AMI Semiconductor/onsemi

### MBRS130L\_NL

Fairchild (onsemi)



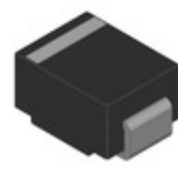
### MBRS140LT3

onsemi  
DIODE SCHOTTKY 40V 1A SMB



### MBRS15100CT

Taiwan Semiconductor  
Corporation  
15A, 100V, SCHOTTKY RECTIFIER



### MBRS140T3G

onsemi  
DIODE SCHOTTKY 40V 1A SMB



### MBRS140TRPBF

Electro-Films (EFI) / Vishay



### MBRS1540

AMI Semiconductor/onsemi



### MBRS130T3G

onsemi  
DIODE SCHOTTKY 30V 1A SMB

## 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.



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+00852 9146 4856



Email

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## Certifications & Memberships



View More

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