



# BY228TAP

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | <b>BY228TAP</b>                                       |
| Manufacturer             | <b>Vishay General Semiconductor – Diodes Division</b> |
| Allelco Part Number      | 32D-BY228TAP  |
| ECAD Model               | Request Free CAD Models                               |
| Parts Description        | DIODE AVALANCHE 1.5KV 3A SOD64                        |
| Package                  | SOD-64, Axial   |
| Data sheet               | <b>BY228.pdf</b>                                      |
| RoHs Status              | ROHS3 Compliant                                       |



**Get a Quote**

BY228TAP - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology BY228TAP datasheet/specifications on AllelcoElec.com.  
Request a quote for BY228TAP, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

BY228TAP Tech Specifications  
BY228TAP - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

| Product Attribute                 | Attribute Value                                | Product Attribute                | Attribute Value |
|-----------------------------------|--|----------------------------------|-----------------|
| Manufacturer                      | Vishay General Semiconductor – Diodes Division | Package / Case                   | SOD-64, Axial   |
| Voltage - Forward (Vf) (Max) @ If | 1.5 V @ 5 A                                    | Package                          | Cut Tape (CT)   |
| Voltage - DC Reverse (Vr) (Max)   | 1500 V   | Operating Temperature - Junction | 140°C (Max)     |
| Technology                        | Avalanche                                      | Mounting Type                    | Through Hole    |
| Supplier Device Package           | SOD-64   | Current - Reverse Leakage @ Vr   | 5 µA @ 1500 V   |
| Speed                             | Standard Recovery >500ns, > 200mA (Io)         | Current - Average Rectified (Io) | 3A              |
| Series                            | -  | Capacitance @ Vr, F              | -               |
| Reverse Recovery Time (trr)       | 20 µs  | Base Product Number              | BY228           |

## Parts with Similar Specifications

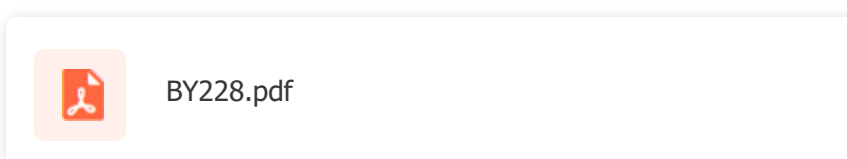
The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division BY228TAP

| Product Attribute                 | NO PICTURE                                     |  |  |  |
|-----------------------------------|--|--|--|--|
| Part Number                       | BY228TAP                                       | BY228GP-E3/54                                  | BY228-15TAP                                    | BY255GP-E3/54                                  |
| Manufacturer                      | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division |
| Package / Case                    | SOD-64, Axial                                  | DO-201AD, Axial                                | SOD-64, Axial                                  | DO-201AD, Axial                                |
| Technology                        | Avalanche                                      | Standard                                       | Avalanche                                      | Standard                                       |
| Base Product Number               | BY228  | BY228  | BY228  | BY255  |
| Voltage - Forward (Vf) (Max) @ If | 1.5 V @ 5 A                                    | 1.6 V @ 2.5 A                                  | 1.5 V @ 5 A                                    | 1.1 V @ 3 A                                    |
| Operating Temperature - Junction  | 140°C (Max)                                    | -65°C ~ 150°C                                  | 140°C (Max)                                    | -65°C ~ 175°C                                  |
| Speed                             | Standard Recovery >500ns, > 200mA (Io)         | Standard Recovery >500ns, > 200mA (Io)         | Standard Recovery >500ns, > 200mA (Io)         | Standard Recovery >500ns, > 200mA (Io)         |
| Mounting Type                     | Through Hole                                   | Through Hole                                   | Through Hole                                   | Through Hole                                   |
| Reverse Recovery Time (trr)       | 20 µs  | 2 µs   | 2 µs   | 3 µs   |
| Current - Average Rectified (Io)  | 3A   | 2.5A   | 3A   | 3A   |
| Capacitance @ Vr, F               | -  | 40pF @ 4V, 1MHz                                | -  | 40pF @ 4V, 1MHz                                |
| Package                           | Cut Tape (CT)                                  | Tape & Reel (TR)                               | Cut Tape (CT)                                  | Tape & Reel (TR)                               |
| Supplier Device Package           | SOD-64   | DO-201AD                                       | SOD-64   | DO-201AD                                       |
| Series                            | -  | SUPERECTIFIER®                                 | -  | SUPERECTIFIER®                                 |
| Voltage - DC Reverse (Vr) (Max)   | 1500 V   | 1500 V   | 1200 V   | 1300 V   |
| Current - Reverse Leakage @ Vr    | 5 µA @ 1500 V                                  | 5 µA @ 1500 V                                  | 5 µA @ 1200 V                                  | 5 µA @ 1300 V                                  |

## BY228TAP Datasheet PDF

Download BY228TAP pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for BY228TAP - Vishay General Semiconductor - Diodes Division.

### Datasheets



## Customers Also Interested in

### Recommended Products



**BY255GP**

Electro-Films (EFI) / Vishay



**BY228GP-E3/54**

Vishay General Semiconductor - Diodes Division  
DIODE GP 1.5KV 2.5A DO201AD



**BY228-15TAP**

Vishay General Semiconductor - Diodes Division  
DIODE AVALANCHE 1.2KV 3A SOD64



**BY229X-800**

Freescalo / NXP Semiconductors



**BY229X-200**

LUMILEDS



**BY228-TAP**

Electro-Films (EFI) / Vishay



NO PICTURE



**BY229F-200**

LUMILEDS

**BY228GP-E3/73**Vishay General Semiconductor - Diodes Division  
DIODE GP 1.5KV 2.5A DO201AD**BY229B-600**

VIHSY

**BY229-600**

Freescale / NXP Semiconductors

**BY227GP**

Electro-Films (EFI) / Vishay

**BY229F-800**

LUMILEDS

**BY255GP-E3/54**Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 1.3KV 3A DO201AD

NO PICTURE

**BY2000**Diotec Semiconductor  
DIODE GEN PURP 2KV 3A DO201**BY203-20STAP**Vishay General Semiconductor - Diodes Division  
DIODE AVALANCHE 2KV 250MA SOD57**BY228-15TR**Vishay General Semiconductor - Diodes Division  
DIODE AVALANCHE 1.2KV 3A SOD64**BY229X-600**

Freescale / NXP Semiconductors

**BY228GP**

Electro-Films (EFI) / Vishay

## 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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### Certifications & Memberships



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