



Image may be representation.
See specifications for product details.



SMCJ22A-TR

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | SMCJ22A-TR |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-SMCJ22A-TR |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | TVS DIODE 22VWM 48.3VC SMC |
| Package | DO-214AB, SMC |
| Data sheet | SMCJxxA, SMCJxxCA.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

SMCJ22A-TR - STMicroelectronics. New Original in Stock. Download Linear Technology SMCJ22A-TR datasheet/specifications on AllelcoElec.com.
Request a quote for SMCJ22A-TR, please send us email: info@allelco.com

Specifications

SMCJ22A-TR Tech Specifications
SMCJ22A-TR - STMicroelectronics technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------------|--------------------|----------------------------------|--------------------|
| Manufacturer | STMicroelectronics | Power - Peak Pulse | 1500W (1.5kW) |
| Voltage - Reverse Standoff (Typ) | 22V | Package / Case | DO-214AB, SMC |
| Voltage - Clamping (Max) @ Ipp | 48.3V | Package | Tape & Reel (TR) |
| Voltage - Breakdown (Min) | 24.4V | Operating Temperature | -55°C ~ 150°C (TJ) |
| Unidirectional Channels | 1 | Mounting Type | Surface Mount |
| Type | Zener | Current - Peak Pulse (10/1000µs) | 207A (8/20µs) |
| Supplier Device Package | SMC | Capacitance @ Frequency | - |
| Series | SMCJ, TRANSIL™ | Base Product Number | SMCJ22 |
| Power Line Protection | No | Applications | General Purpose |

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SMCJ22A-TR

| Product Attribute | | | | |
|----------------------------------|--------------------|--------------------|--|---------------------|
| Part Number | SMCJ22A-TR | SMCJ22A | SMCJ22A-E3/57T | SMCJ22CA-13-F |
| Manufacturer | STMicroelectronics | Littelfuse Inc. | Vishay General Semiconductor - Diodes Division | Diodes Incorporated |
| Power Line Protection | No | No | No | No |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Capacitance @ Frequency | - | - | - | - |
| Current - Peak Pulse (10/1000µs) | 207A (8/20µs) | 42.3A | 42.3A | 42.2A |
| Voltage - Clamping (Max) @ Ipp | 48.3V | 35.5V | 35.5V | 35.5V |
| Type | Zener | Zener | Zener | Zener |
| Applications | General Purpose | General Purpose | General Purpose | General Purpose |
| Package / Case | DO-214AB, SMC | DO-214AB, SMC | DO-214AB, SMC | DO-214AB, SMC |
| Voltage - Breakdown (Min) | 24.4V | 24.4V | 24.4V | 24.4V |
| Unidirectional Channels | 1 | 1 | 1 | - |
| Voltage - Reverse Standoff (Typ) | 22V | 22V | 22V | 22V |
| Power - Peak Pulse | 1500W (1.5kW) | 1500W (1.5kW) | 1500W (1.5kW) | 1500W (1.5kW) |
| Series | SMCJ, TRANSIL™ | SMCJ | TransZorb® | - |
| Supplier Device Package | SMC | DO-214AB (SMCJ) | DO-214AB (SMCJ) | SMC |
| Operating Temperature | -55°C ~ 150°C (TJ) | -55°C ~ 150°C (TJ) | -55°C ~ 150°C (TJ) | -55°C ~ 150°C (TJ) |
| Base Product Number | SMCJ22 | - | SMCJ22 | - |

SMCJ22A-TR Datasheet PDF

Download SMCJ22A-TR pdf datasheets and STMicroelectronics documentation for SMCJ22A-TR - STMicroelectronics.

Datasheets

[SMCJxxA, SMCJxxCA.pdf](#)

PCN Assembly/Origin

[Mult Dev Site Chg 14/Feb/2020.pdf](#)

Other Related Documents

[SMCJ View All Specifications.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| SMCJ22A Littelfuse Inc. TVS DIODE 22VWM 35.5VC DO214AB | SMCJ22A-E3/57T Vishay General Semiconductor - Diodes Division TVS DIODE 22VWM 35.5VC DO214AB | SMCJ22CA-13-F Diodes Incorporated TVS DIODE 22V 35.5V SMC | SMCJ22CA Taiwan Semiconductor Corporation TVS DIODE 22VWM 35.5VC SMC | SMCJ22CA Littelfuse Inc. TVS DIODE 22VWM 35.5VC DO214AB | SMCJ22CA Meritek TVS DIODE 22VWM 35.5VC |
|  |  |  |  |  |  |
| SMCJ22A Bourns Inc. TVS DIODE 22VWM 35.5VC SMC | SMCJ22A Taiwan Semiconductor Corporation TVS DIODE 22VWM 35.5VC SMC | SMCJ22A/CA Hamlin / Littelfuse | SMCJ22A-13-F Diodes Incorporated TVS DIODE 22VWM 35.5VC SMC | SMCJ22A Meritek TVS DIODE 22VWM 35.5VC | SMCJ22A SMC Diode Solutions TVS DIODE 22VWM 35.5VC SMC |
|  |  |  |  |  |  |
| SMCJ220CA Bourns Inc. TVS DIODE 220VWM 356VC SMC | SMCJ22CA SMC Diode Solutions TVS DIODE 22VWM 35.5VC SMC | SMCJ22CA Bourns Inc. TVS DIODE 22VWM 35.5VC SMC | SMCJ22AHE3/57T Electro-Films (EFI) / Vishay TVS DIODE 22V 35.5V DO214AB | SMCJ22A/7 Electro-Films (EFI) / Vishay | SMCJ220CA KYOCERA AVX TVS DIODE 220VWM 356VC 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.

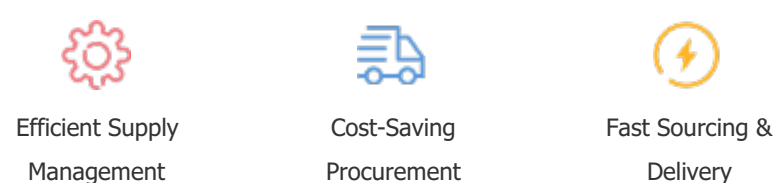
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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