





SI1922EDH-T1-GE3

| | |
|--------------------------|---|
| Manufacturer Part Number | SI1922EDH-T1-GE3 |
| Manufacturer | Vishay / Siliconix |
| Allelco Part Number | 32D-SI1922EDH-T1-GE3 |
| ECAD Model |  PCB Symbol, Footprint & 3D Mode |
| Parts Description | MOSFET 2N-CH 20V 1.3A SOT-363 |
| Package | 6-TSSOP, SC-88, SOT-363 |
| Data sheet | SI1922EDH.pdf |
| RoHs Status |  ROHS3 Compliant |



Get a Quote

SI1922EDH-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI1922EDH-T1-GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SI1922EDH-T1-GE3, please send us email: info@allelco.com

Specifications





SI1922EDH-T1-GE3 Tech Specifications

SI1922EDH-T1-GE3 - Vishay Siliconix technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|-------------------------|--|--------------------|
| Manufacturer | Vishay / Siliconix | Operating Temperature | -55°C ~ 150°C (TJ) |
| Vgs(th) (Max) @ Id | 1V @ 250µA | Mounting Type | Surface Mount |
| Technology | MOSFET (Metal Oxide) | Input Capacitance (Ciss) (Max) @ Vds | - |
| Supplier Device Package | SC-70-6 | Gate Charge (Qg) (Max) @ Vgs | 2.5nC @ 8V |
| Series | TrenchFET® | FET Feature | Logic Level Gate |
| Rds On (Max) @ Id, Vgs | 198mOhm @ 1A, 4.5V | Drain to Source Voltage (Vdss) | 20V |
| Power - Max | 1.25W | Current - Continuous Drain (Id) @ 25°C | 1.3A |
| Package / Case | 6-TSSOP, SC-88, SOT-363 | Configuration | 2 N-Channel (Dual) |
| Package | Tape & Reel (TR) | Base Product Number | SI1922 |

Parts with Similar Specifications

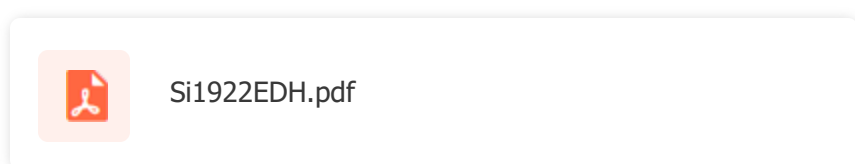
The three parts on the right have similar specifications to Vishay Siliconix SI1922EDH-T1-GE3

| Product Attribute |  NO PICTURE |  |  |  |
|--|---|---|---|---|
| Part Number | SI1922EDH-T1-GE3 | SI1922EDH-T1-BE3 | SI1913DH-T1-E3 | SI1926DL-T1-BE3 |
| Manufacturer | Vishay Siliconix | Vishay Siliconix | Vishay Siliconix | Vishay Siliconix |
| Gate Charge (Qg) (Max) @ Vgs | 2.5nC @ 8V | 2.5nC @ 8V | 1.8nC @ 4.5V | 1.4nC @ 10V |
| FET Feature | Logic Level Gate | - | Logic Level Gate | - |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Drain to Source Voltage (Vdss) | 20V | 20V | 20V | 60V |
| Operating Temperature | -55°C ~ 150°C (TJ) | -55°C ~ 150°C (TJ) | -55°C ~ 150°C (TJ) | -55°C ~ 150°C (TJ) |
| Supplier Device Package | SC-70-6 | SC-70-6 | SC-70-6 | SC-70-6 |
| Current - Continuous Drain (Id) @ 25°C | 1.3A | 1.3A (Ta), 1.3A (Tc) | 880mA | 340mA (Ta), 370mA (Tc) |
| Technology | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) |
| Power - Max | 1.25W | 740mW (Ta), 1.25W (Tc) | 570mW | 300mW (Ta), 510mW (Tc) |
| Configuration | 2 N-Channel (Dual) | 2 N-Channel (Dual) | 2 P-Channel (Dual) | 2 N-Channel (Dual) |
| Package / Case | 6-TSSOP, SC-88, SOT-363 | 6-TSSOP, SC-88, SOT-363 | 6-TSSOP, SC-88, SOT-363 | 6-TSSOP, SC-88, SOT-363 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Series | TrenchFET® | TrenchFET® | TrenchFET® | TrenchFET® |
| Base Product Number | SI1922 | SI1922 | SI1913 | SI1926 |
| Vgs(th) (Max) @ Id | 1V @ 250µA | 1V @ 250µA | 1V @ 100µA | 2.5V @ 250µA |
| Rds On (Max) @ Id, Vgs | 198mOhm @ 1A, 4.5V | 198mOhm @ 1A, 4.5V | 490mOhm @ 880mA, 4.5V | 1.4Ohm @ 340mA, 10V |
| Input Capacitance (Ciss) (Max) @ Vds | - | - | - | 18.5pF @ 30V |

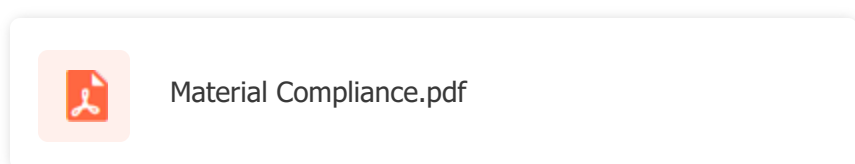
SI1922EDH-T1-GE3 Datasheet PDF

Download SI1922EDH-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI1922EDH-T1-GE3 - Vishay Siliconix.

Datasheets



Environmental Information



Customers Also Interested in

Recommended Products



SI1917EDH-T1
Electro-Films (EFI) / Vishay



SI1922EDH-T1-BE3
Vishay Siliconix
MOSFET 2N-CH 20V 1.3A SOT-363



SI1913DH-T1-E3
Vishay Siliconix
MOSFET 2P-CH 20V 0.88A SC70-6



SI1913EDH-T1
Electro-Films (EFI) / Vishay



SI1926DL-T1-BE3
Vishay Siliconix
MOSFET 2N-CH 60V 0.37A SOT363



SI19287BCNU
Silicon Power



SI1965DH-T1-GE3
Vishay Siliconix
MOSFET 2P-CH 12V 1.3A SC70-6



SI1912EDH-T1
Electro-Films (EFI) / Vishay



SI1967DH-T1-GE3
Vishay Siliconix
MOSFET 2P-CH 20V 1.3A SC70-6



SI1926DL-T1-GE3
Vishay Siliconix
MOSFET 2N-CH 60V 0.37A SOT363



SI1958DH-T1-E3
Vishay Siliconix
MOSFET 2N-CH 20V 1.3A SC70-6



SI1967DH-T1-BE3
Vishay Siliconix
MOSFET 2P-CH 20V 1.3A SC70-6



SI1912EDH-T1-GE3
Electro-Films (EFI) / Vishay



SI1913DH-T1-GE3
Electro-Films (EFI) / Vishay



SI1926DL-T1-E3
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MOSFET 2N-CH 60V 0.37A SC-70-6



SI1967DH-T1-E3
Vishay Siliconix
MOSFET 2P-CH 20V 1.3A SC70-6



SI1912EDH-T1-E3
Vishay Siliconix
MOSFET 2N-CH 20V 1.13A SC70-6



SI1917EDH-T1-E3
Vishay Siliconix
MOSFET 2P-CH 12V 1A SC70-6

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.



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 Cost-Saving Procurement
 Fast Sourcing & Delivery

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Certifications & Memberships



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