



SI7911DN-T1-E3

| | |
|--------------------------|------------------------------|
| Manufacturer Part Number | SI7911DN-T1-E3 |
| Manufacturer | Vishay / Siliconix |
| Allelco Part Number | 32D-SI7911DN-T1-E3 |
| ECAD Model | Request Free CAD Models |
| Parts Description | MOSFET 2P-CH 20V 4.2A 1212-8 |
| Package | PowerPAK® 1212-8 Dual |
| Data sheet | SI7911DN.pdf |
| RoHs Status | ROHS3 Compliant |



Get a Quote

SI7911DN-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7911DN-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI7911DN-T1-E3, please send us email: info@allelco.com

Specifications

SI7911DN-T1-E3 Tech Specifications

SI7911DN-T1-E3 - Vishay Siliconix technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|-----------------------|--|--------------------|
| Manufacturer | Vishay / Siliconix | Mounting Type | Surface Mount |
| Vgs(th) (Max) @ Id | 1V @ 250µA | Input Capacitance (Ciss) (Max) @ Vds | - |
| Technology | MOSFET (Metal Oxide) | Gate Charge (Qg) (Max) @ Vgs | 15nC @ 4.5V |
| Supplier Device Package | PowerPAK® 1212-8 Dual | FET Feature | Logic Level Gate |
| Series | - | Drain to Source Voltage (Vdss) | 20V |
| Rds On (Max) @ Id, Vgs | 51mOhm @ 5.7A, 4.5V | Current - Continuous Drain (Id) @ 25°C | 4.2A |
| Power - Max | 1.3W | Configuration | 2 P-Channel (Dual) |
| Package / Case | PowerPAK® 1212-8 Dual | Base Product Number | SI7911 |
| Package | Cut Tape (CT) | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI7911DN-T1-E3

| Product Attribute | | | | |
|--|-----------------------|----------------------------------|--------------------------------|--------------------------------|
| Part Number | SI7911DN-T1-E3 | SI7904BDN-T1-GE3 | SI7913DN-T1-E3 | SI7909DN-T1-E3 |
| Manufacturer | Vishay Siliconix | Vishay Siliconix | Vishay Siliconix | Vishay Siliconix |
| Package / Case | PowerPAK® 1212-8 Dual | PowerPAK® 1212-8 Dual | PowerPAK® 1212-8 Dual | PowerPAK® 1212-8 Dual |
| Supplier Device Package | PowerPAK® 1212-8 Dual | PowerPAK® 1212-8 Dual | PowerPAK® 1212-8 Dual | PowerPAK® 1212-8 Dual |
| Gate Charge (Qg) (Max) @ Vgs | 15nC @ 4.5V | 24nC @ 8V | 24nC @ 4.5V | 24nC @ 4.5V |
| Configuration | 2 P-Channel (Dual) | 2 N-Channel (Dual) | 2 P-Channel (Dual) | 2 P-Channel (Dual) |
| Power - Max | 1.3W | 17.8W | 1.3W | 1.3W |
| Rds On (Max) @ Id, Vgs | 51mOhm @ 5.7A, 4.5V | 30mOhm @ 7.1A, 4.5V | 37mOhm @ 7.4A, 4.5V | 37mOhm @ 7.7A, 4.5V |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| FET Feature | Logic Level Gate | Logic Level Gate | Logic Level Gate | Logic Level Gate |
| Package | Cut Tape (CT) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Series | - | TrenchFET® | TrenchFET® | TrenchFET® |
| Input Capacitance (Ciss) (Max) @ Vds | - | 860pF @ 10V | - | - |
| Base Product Number | SI7911 | SI7904 | SI7913 | SI7909 |
| Drain to Source Voltage (Vdss) | 20V | 20V | 20V | 12V |
| Technology | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) |
| Current - Continuous Drain (Id) @ 25°C | 4.2A | 6A | 5A | 5.3A |
| Vgs(th) (Max) @ Id | 1V @ 250µA | 1V @ 250µA | 1V @ 250µA | 1V @ 700µA |

SI7911DN-T1-E3 Datasheet PDF

Download SI7911DN-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI7911DN-T1-E3 - Vishay Siliconix.

Datasheets

[SI7911DN.pdf](#)

PCN Obsolescence/ EOL

[PCN- SIL-0722014 10/Jun/2014.pdf](#)

Customers Also Interested in

Recommended Products



| | | | | | |
|--|---|---|---|--------------------------|--|
| SI7904BDN-T1-GE3 Vishay Siliconix MOSFET 2N-CH 20V 6A PPAK 1212-8 | SI7905DN-T1-E3 MOS Electro-Films (EFI) / Vishay | SI7911DN Electro-Films (EFI) / Vishay | SI7922DN Electro-Films (EFI) / Vishay | SI7904DN-T1 SI | SI7913DN-T1-E3 Vishay Siliconix MOSFET 2P-CH 20V 5A PPAK 1212-8 |
|--|---|---|---|--------------------------|--|



| | | | | | |
|---|---|---|---|--|---|
| SI7909DN-T1-E3 Vishay Siliconix MOSFET 2P-CH 12V 5.3A 1212-8 | SI7913DN-T1-GE3 Vishay Siliconix MOSFET 2P-CH 20V 5A PPAK 1212-8 | SI7922DN-T1-E3 MOS Electro-Films (EFI) / Vishay | SI7904DN-T1-E3 Vishay Siliconix MOSFET 2N-CH 20V 5.3A 1212-8 | SI7913DN-T1-GE3 MOS Electro-Films (EFI) / Vishay | SI7904DN Electro-Films (EFI) / Vishay |
|---|---|---|---|--|---|



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|--|--|---|--|---|---|
| SI7911DN-T1-GE3 Vishay Siliconix MOSFET 2P-CH 20V 4.2A 1212-8 | SI7922DN-T1-E3 Vishay Siliconix MOSFET 2N-CH 100V 1.8A 1212-8 | SI7905DN-T1-GE3 Vishay Siliconix MOSFET 2P-CH 40V 6A PPAK 1212-8 | SI7922DN-T1 Electro-Films (EFI) / Vishay | SI7905DN-T1-E3 Vishay Siliconix MOSFET 2P-CH 40V 6A 1212-8 | SI7904BDN-T1-GE3 MOS 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.



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- Fast Sourcing & Delivery

Contact us if you have any questions.

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