





NVTFWS9D6P04M8LTAG

| | |
|--------------------------|---|
| Manufacturer Part Number | NVTFWS9D6P04M8LTAG |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-NVTFWS9D6P04M8LTAG |
| ECAD Model |  PCB Symbol, Footprint & 3D Mode |
| Parts Description | MOSFET P-CH 40V 13A/64A 8WDFN |
| Package | 8-PowerWDFN |
| Data sheet | NVTFWS9D6P04M8L.pdf |
| RoHs Status |  ROHS3 Compliant |



Get a Quote

NVTFWS9D6P04M8LTAG - onsemi.New Original in Stock. Download Linear Technology NVTFWS9D6P04M8LTAG datasheet/specifications on AllelcoElec.com.
Request a quote for NVTFWS9D6P04M8LTAG, please send us email: info@allelco.com





Specifications

NVTFWS9D6P04M8LTAG Tech Specifications
NVTFWS9D6P04M8LTAG - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|----------------------|--|--------------------|
| Manufacturer | onsemi | Operating Temperature | -55°C ~ 175°C (TJ) |
| Vgs(th) (Max) @ Id | 2.4V @ 580µA | Mounting Type | Surface Mount |
| Vgs (Max) | ±20V | Input Capacitance (Ciss) (Max) @ Vds | 2312 pF @ 20 V |
| Technology | MOSFET (Metal Oxide) | Gate Charge (Qg) (Max) @ Vgs | 34.6 nC @ 10 V |
| Supplier Device Package | 8-WDFN (3.3x3.3) | FET Type | P-Channel |
| Series | Automotive, AEC-Q101 | FET Feature | - |
| Rds On (Max) @ Id, Vgs | 9.5mOhm @ 20A, 10V | Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Power Dissipation (Max) | 3.2W (Ta), 75W (Tc) | Drain to Source Voltage (Vdss) | 40 V |
| Package / Case | 8-PowerWDFN | Current - Continuous Drain (Id) @ 25°C | 13A (Ta), 64A (Tc) |
| Package | Tape & Reel (TR) | Base Product Number | NVTFWS9 |

Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi NVTFWS9D6P04M8LTAG

| Product Attribute |  NO PICTURE |  |  |  |
|--|--|---|---|---|
| Part Number | NVTFWS9D6P04M8LTAG | NVTR0202PLT1G | NVTFWS052P04M8LTAG | NVTFWS9D6P04M8LTAG |
| Manufacturer | onsemi | onsemi | onsemi | onsemi |
| Supplier Device Package | 8-WDFN (3.3x3.3) | SOT-23-3 (TO-236) | 8-WDFN (3.3x3.3) | 8-WDFN (3.3x3.3) |
| Technology | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) | MOSFET (Metal Oxide) |
| FET Feature | - | - | - | - |
| FET Type | P-Channel | P-Channel | P-Channel | P-Channel |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Base Product Number | NVTFWS9 | NVTR0202 | NVTFWS052 | NVTFWS9 |
| Series | Automotive, AEC-Q101 | Automotive, AEC-Q101 | Automotive, AEC-Q101 | Automotive, AEC-Q101 |
| Vgs(th) (Max) @ Id | 2.4V @ 580µA | 2.3V @ 250µA | 2.4V @ 95µA | 2.4V @ 580µA |
| Drain to Source Voltage (Vdss) | 40 V | 20 V | 40 V | 40 V |
| Rds On (Max) @ Id, Vgs | 9.5mOhm @ 20A, 10V | 800mOhm @ 200mA, 10V | 69mOhm @ 5A, 10V | 9.5mOhm @ 20A, 10V |
| Package / Case | 8-PowerWDFN | TO-236-3, SC-59, SOT-23-3 | 8-PowerWDFN | 8-PowerWDFN |
| Current - Continuous Drain (Id) @ 25°C | 13A (Ta), 64A (Tc) | 400mA (Ta) | 4.7A (Ta), 13.2A (Tc) | 13A (Ta), 64A (Tc) |
| Input Capacitance (Ciss) (Max) @ Vds | 2312 pF @ 20 V | 70 pF @ 5 V | 424 pF @ 20 V | 2312 pF @ 20 V |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V | 4.5V, 10V | 4.5V, 10V | 4.5V, 10V |
| Gate Charge (Qg) (Max) @ Vgs | 34.6 nC @ 10 V | 2.18 nC @ 10 V | 6.3 nC @ 10 V | 34.6 nC @ 10 V |
| Power Dissipation (Max) | 3.2W (Ta), 75W (Tc) | 225mW (Ta) | 2.9W (Ta), 23W (Tc) | 3.2W (Ta), 75W (Tc) |
| Operating Temperature | -55°C ~ 175°C (TJ) | -55°C ~ 150°C (TJ) | -55°C ~ 175°C (TJ) | -55°C ~ 175°C (TJ) |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Vgs (Max) | ±20V | ±20V | ±20V | ±20V |


NVTFWS9D6P04M8LTAG Datasheet PDF


Download NVTFWS9D6P04M8LTAG pdf datasheets and onsemi documentation for NVTFWS9D6P04M8LTAG - onsemi.

Datasheets

 [NVTFWS9D6P04M8L.pdf](#)

Environmental Information







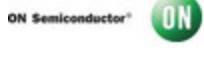

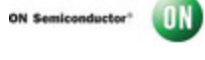
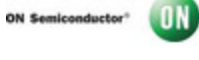
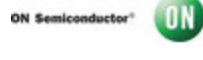
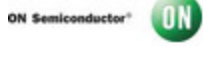
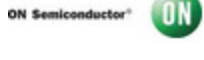





 [onsemi REACH.pdf](#)

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PCN Assembly/Origin

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| NVTR01P02L AMI Semiconductor/onsemi | NVTR0202PLT1G onsemi MOSFET P-CH 20V 400MA SOT23 | NVTFWS052P04M8LTAG onsemi MOSFET P-CH 40V 4.7A/13.2A 8WDFN | NVTJD4001NT1G onsemi MOSFET 2N-CH 30V 0.25A SC-88 | NVTJD4001N AMI Semiconductor/onsemi | NVTR01P02T VBSEMI |
|  |  |  |  |  |  |
| NVTF59D6P04M8LTAG onsemi MOSFET P-CH 40V 13A/64A 8WDFN | NVTR01P02LT1G onsemi MOSFET P-CH 20V 1.3A SOT23-3 | NVTF56H850NLTAG onsemi MOSFET N-CH 80V 14.8A/64A 8WDFN | NVTF56H850NTAG onsemi MOSFET N-CH 80V 11A/68A 8WDFN | NVTF55C673NLWFTAG onsemi MOSFET N-CH 60V 13A/50A 8WDFN | NVTR0202PLT1G MOS AMI Semiconductor/onsemi |
|  |  |  |  |  |  |
| NVTF55C680NLWFTAG onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN | NVTF56H880NTAG onsemi MOSFET N-CH 80V 6.3A/21A 8WDFN | NVTFWS015N04CTAG onsemi MOSFET N-CH 40V 9.4A/27A 8WDFN | NVTF56H888NTAG onsemi MOSFET N-CH 80V 4.7A/12A 8WDFN | NVTR01P02LT1G MOS AMI Semiconductor/onsemi | NVTF55C680NLTAG onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN |

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.

| | |
|--|--|
|  Phone +00852 9146 4856 |  Email info@allelco.com |
|--|--|

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