



Image may be representation.
See specifications for product details.



NTGS4141NT1G

Manufacturer Part Number	NTGS4141NT1G
Manufacturer	onsemi
Allelco Part Number	32D-NTGS4141NT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 30V 3.5A 6TSOP
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	NTGS4141N, NVGS4141N.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NTGS4141NT1G - onsemi.New Original in Stock. Download Linear Technology NTGS4141NT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NTGS4141NT1G, please send us email: info@allelco.com

Specifications

NTGS4141NT1G Tech Specifications

NTGS4141NT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	3V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	560 pF @ 24 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	12 nC @ 10 V
Supplier Device Package	6-TSOP	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	25mOhm @ 7A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	500mW (Ta)	Drain to Source Voltage (Vdss)	30 V
Package / Case	SOT-23-6 Thin, TSOT-23-6	Current - Continuous Drain (Id) @ 25°C	3.5A (Ta)
Package	Tape & Reel (TR)	Base Product Number	NTGS4141

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NTGS4141NT1G

Product Attribute				
Part Number	NTGS4141NT1G	NTGS3441T1G	NTGS3446T1	NTGS3441BT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
FET Type	N-Channel	P-Channel	N-Channel	P-Channel
Power Dissipation (Max)	500mW (Ta)	500mW (Ta)	500mW (Ta)	700mW (Ta)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Series	-	-	-	-
Rds On (Max) @ Id, Vgs	25mOhm @ 7A, 10V	90mOhm @ 3.3A, 4.5V	45mOhm @ 5.1A, 4.5V	90mOhm @ 3A, 4.5V
Drain to Source Voltage (Vdss)	30 V	20 V	20 V	20 V
Vgs(th) (Max) @ Id	3V @ 250µA	1.5V @ 250µA	1.2V @ 250µA	900mV @ 250µA
Supplier Device Package	6-TSOP	6-TSOP	6-TSOP	6-TSOP
Vgs (Max)	±20V	±8V	±12V	±8V
Input Capacitance (Ciss) (Max) @ Vds	560 pF @ 24 V	480 pF @ 5 V	750 pF @ 10 V	630 pF @ 10 V
Base Product Number	NTGS4141	NTGS3441	NTGS34	NTGS34
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	2.5V, 4.5V	2.5V, 4.5V	2.5V, 4.5V
Current - Continuous Drain (Id) @ 25°C	3.5A (Ta)	1.65A (Ta)	2.5A (Ta)	2.2A (Ta)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Gate Charge (Qg) (Max) @ Vgs	12 nC @ 10 V	14 nC @ 4.5 V	15 nC @ 4.5 V	9 nC @ 4.5 V
FET Feature	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

NTGS4141NT1G Datasheet PDF

Download NTGS4141NT1G pdf datasheets and onsemi documentation for NTGS4141NT1G - onsemi.

Datasheets

[NTGS4141N, NVGS4141N.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Packaging



Customers Also Interested in

Recommended Products

**NTGS3441T1G**onsemi
MOSFET P-CH 20V 1.65A 6TSOP**NTGS3446T1**onsemi
MOSFET N-CH 20V 2.5A 6TSOP**NTGS3441BT1G**onsemi
MOSFET P-CH 20V 2.2A 6TSOP**NTGS3441T1**onsemi
MOSFET P-CH 20V 1.65A 6TSOP**NTGS3443BT1G**onsemi
MOSFET P-CH 20V 2.7A 6TSOP**NTGS3441LT1**

AMI Semiconductor/onsemi

**NTGS3447PT1G**onsemi
MOSFET P-CH 12V 3.4A 6TSOP**NTGS4111PT1G**onsemi
MOSFET P-CH 30V 2.6A 6TSOP**NTGS5120PT1G**onsemi
MOSFET P-CH 60V 1.8A 6TSOP**NTGS4111PT1**onsemi
MOSFET P-CH 30V 2.6A 6TSOP**NTGS3441PT1G**onsemi
MOSFET P-CH 20V 1.8A 6TSOP**NTGS3443T2G**onsemi
MOSFET P-CH 20V 2.2A 6TSOP**NTGS3446T1G**onsemi
MOSFET N-CH 20V 2.5A 6TSOP**NTGS3443T1G**onsemi
MOSFET P-CH 20V 2.2A 6TSOP**NTGS3455T1G**onsemi
MOSFET P-CH 30V 2.5A 6TSOP**NTGS3443T1**onsemi
MOSFET P-CH 20V 2.2A 6TSOP**NTGS3441T1G MOS**

AMI Semiconductor/onsemi

**NTGS3455T1**onsemi
MOSFET P-CH 30V 2.5A 6TSOP

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 Alleco 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@alleco.com

Certifications & Memberships



View More