

Image may be representation.
See specifications for product details.



STDV3055L104T4G

Manufacturer Part Number	STDV3055L104T4G
Manufacturer	onsemi
Allelco Part Number	32D-STDV3055L104T4G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 60V 12A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	NTD3055L104, NTDV3055L104.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STDV3055L104T4G - onsemi.New Original in Stock. Download Linear Technology STDV3055L104T4G datasheet/specifications on AllelcoElec.com.
Request a quote for STDV3055L104T4G, please send us email: info@allelco.com

Specifications

STDV3055L104T4G Tech Specifications
STDV3055L104T4G - 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	2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±15V	Input Capacitance (Ciss) (Max) @ Vds	440 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	20 nC @ 5 V
Supplier Device Package	DPAK	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	104mOhm @ 6A, 5V	Drive Voltage (Max Rds On, Min Rds On)	5V
Power Dissipation (Max)	1.5W (Ta), 48W (Tj)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	12A (Ta)
Package	Tape & Reel (TR)	Base Product Number	STDV3

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi STDV3055L104T4G

Product Attribute				
Part Number	STDV3055L104T4G	STDP9320-BB	STDP8028-AB	STDP9310-BB
Manufacturer	onsemi	STMicroelectronics	STMicroelectronics	STMicroelectronics
Vgs (Max)	±15V	-	-	-
Current - Continuous Drain (Id) @ 25°C	12A (Ta)	-	-	-
Package	Tape & Reel (TR)	-	-	-
Vgs(th) (Max) @ Id	2V @ 250µA	-	-	-
Base Product Number	STDV3	-	-	-
FET Type	N-Channel	-	-	-
Rds On (Max) @ Id, Vgs	104mOhm @ 6A, 5V	-	-	-
Operating Temperature	-55°C ~ 175°C (TJ)	-	-	-
Gate Charge (Qg) (Max) @ Vgs	20 nC @ 5 V	-	-	-
Technology	MOSFET (Metal Oxide)	-	-	-
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	-	-	-
Supplier Device Package	DPAK	-	-	-
Power Dissipation (Max)	1.5W (Ta), 48W (Tj)	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	440 pF @ 25 V	-	-	-
Mounting Type	Surface Mount	-	-	-
Drain to Source Voltage (Vdss)	60 V	-	-	-
FET Feature	-	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	5V	-	-	-
Series	-	-	-	-

STDV3055L104T4G Datasheet PDF

Download STDV3055L104T4G pdf datasheets and onsemi documentation for STDV3055L104T4G - onsemi.

Datasheets

[NTD3055L104, NTDV3055L104.pdf](#)

Environmental Information













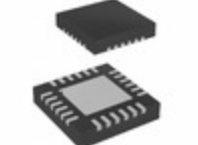





[onsemi RoHS.pdf](#)

PCN Assembly/Origin

PCN Obsolescence/ EOL

Customers Also Interested in

Recommended Products

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STDP9320-BB STMicroelectronics	STDP8028-AB STMicroelectronics	STDP9310-BB STMicroelectronics	STDVE103ABTR STMicroelectronics IC INTERFACE SPECIALIZED 64TQFP	STDP9310-BBG STMicroelectronics	STDVE001ABTR STMicroelectronics
				 life.augmented	
STDVE003ABTR STMicroelectronics IC INTERFACE SPECIALIZED 80TQFP	STDVE001AQTR STMicroelectronics IC INTERFACE SPECIALIZED 48QFN	STDRIVE601TR STMicroelectronics IC HALF BRIDGE DRIVER 28SO	STDRIVE601 STMicroelectronics IC HALF BRIDGE DRIVER 28SO	STDS75-1 STMicroelectronics	STDRIVE101TR STMicroelectronics IC HALF BRIDGE DRIVER 28SO
		 life.augmented	 life.augmented		 life.augmented
STDRIVE101 STMicroelectronics IC HALF BRIDGE DRIVER 24VFQFPN	STDVE103ABTY STMicroelectronics IC INTERFACE SPECIALIZED 64TQFP	STDTR813BJR STMicroelectronics	STDP8208-AB STMicroelectronics	STDS75DS2F STMicroelectronics SENSOR DIGITAL -55C-125C 8MSOP	STDS75DS2 STMicroelectronics

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

Certifications & Memberships



View More

Contact us

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