





SI7615ADN-T1-GE3

Manufacturer Part Number	SI7615ADN-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI7615ADN-T1-GE3
ECAD Model	 PCB Footprint and Symbol
Parts Description	MOSFET P-CH 20V 35A PPAK1212-8
Package	PowerPAK® 1212-8
Data sheet	SI7615ADN.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SI7615ADN-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7615ADN-T1-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI7615ADN-T1-GE3, please send us email: info@allelco.com





Specifications

SI7615ADN-T1-GE3 Tech Specifications
SI7615ADN-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	1.5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Input Capacitance (Ciss) (Max) @ Vds	5590 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	183 nC @ 10 V
Supplier Device Package	PowerPAK® 1212-8	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	4.4mOhm @ 20A, 10V	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 10V
Power Dissipation (Max)	3.7W (Ta), 52W (Tc)	Drain to Source Voltage (Vdss)	20 V
Package / Case	PowerPAK® 1212-8	Current - Continuous Drain (Id) @ 25°C	35A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI7615

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SI7615ADN-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SI7615ADN-T1-GE3	SI7601DN-T1-GE3	SI7617DN-T1-GE3	SI7615CDN-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Drain to Source Voltage (Vdss)	20 V	20 V	30 V	20 V
Power Dissipation (Max)	3.7W (Ta), 52W (Tc)	3.8W (Ta), 52W (Tc)	3.7W (Ta), 52W (Tc)	33W (Tc)
Supplier Device Package	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8
Package / Case	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8
Input Capacitance (Ciss) (Max) @ Vds	5590 pF @ 10 V	1870 pF @ 10 V	1800 pF @ 15 V	3860 pF @ 10 V
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Gate Charge (Qg) (Max) @ Vgs	183 nC @ 10 V	27 nC @ 5 V	59 nC @ 10 V	63 nC @ 4.5 V
Base Product Number	SI7615	SI7601	SI7617	SI7615
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	35A (Tc)	16A (Tc)	35A (Tc)	35A (Tc)
Vgs(th) (Max) @ Id	1.5V @ 250µA	1.6V @ 250µA	2.5V @ 250µA	1V @ 250µA
Operating Temperature	-55°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 10V	2.5V, 4.5V	4.5V, 10V	1.8V, 4.5V
FET Feature	-	-	-	-
Rds On (Max) @ Id, Vgs	4.4mOhm @ 20A, 10V	19.2mOhm @ 11A, 4.5V	12.3mOhm @ 13.9A, 10V	9mOhm @ 12A, 4.5V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET® Gen III
Vgs (Max)	±12V	±12V	±25V	±8V


SI7615ADN-T1-GE3 Datasheet PDF

Download SI7615ADN-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI7615ADN-T1-GE3 - Vishay Siliconix.

Datasheets

 [Si7615ADN.pdf](#)



















PCN Assembly/Origin

 [New Solder Plating Site 18/Apr/2023.pdf](#)

PCN Design/Specification

Customers Also Interested in

Recommended Products

					
SI7615DN-T1-E3 Electro-Films (EFI) / Vishay	SI7601DN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 16A PPAK1212-8	SI7606DN-T1-E3 Electro-Films (EFI) / Vishay	SI7615DN-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7540DP-TI-GE3 Electro-Films (EFI) / Vishay	SI7611DN-T1-E3 Electro-Films (EFI) / Vishay
					
SI7540DP-T1-GE3 Vishay Siliconix MOSFET N/P-CH 12V 7.6A PPAK SO-8	SI7617DN-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 35A PPAK1212-8	SI7615CDN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 35A PPAK1212-8	SI7611DN SI	SI7613DN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 35A PPAK1212-8	SI7615DN SI
					
SI7613DN-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7615ADN-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7601DN-T1-E3 Vishay Siliconix MOSFET P-CH 20V 16A PPAK1212-8	SI7615BDNT-T1-GE3 Electro-Films (EFI) / Vishay	SI7611DN-T1-GE3 Vishay Siliconix MOSFET P-CH 40V 18A PPAK1212-8	SI7615DN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 35A PPAK1212-8

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.

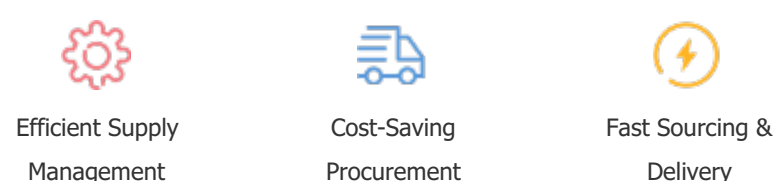
Payment Support

The payment method can be chosen from the methods shown below:

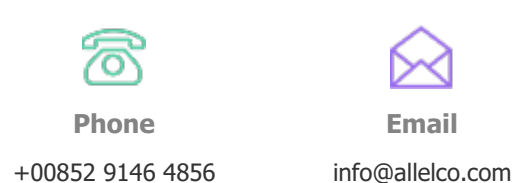
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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