




SIHP17N80E-GE3

Manufacturer Part Number	SIHP17N80E-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIHP17N80E-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 800V 15A TO220AB
Package	TO-220-3
Data sheet	SIHP17N80E.pdf



Get a Quote

SIHP17N80E-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIHP17N80E-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SIHP17N80E-GE3, please send us email: info@allelco.com





Specifications

SIHP17N80E-GE3 Tech Specifications
SIHP17N80E-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	4V @ 250µA	Mounting Type	Through Hole
Vgs (Max)	±30V	Input Capacitance (Ciss) (Max) @ Vds	2408 pF @ 100 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	122 nC @ 10 V
Supplier Device Package	TO-220AB	FET Type	N-Channel
Series	E	FET Feature	-
Rds On (Max) @ Id, Vgs	290mOhm @ 8.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	208W (Tc)	Drain to Source Voltage (Vdss)	800 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	15A (Tc)
Package	Tube	Base Product Number	SIHP17

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SIHP17N80E-GE3

Product Attribute	 NO PICTURE			
Part Number	SIHP17N80E-GE3	SIHP22N60AEL-GE3	SIHP12N60E-E3	SIHP21N60EF-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Power Dissipation (Max)	208W (Tc)	208W (Tc)	147W (Tc)	227W (Tc)
Vgs (Max)	±30V	±30V	±30V	±30V
Base Product Number	SIHP17	SIHP22	SIHP12	SIHP21
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Gate Charge (Qg) (Max) @ Vgs	122 nC @ 10 V	82 nC @ 10 V	58 nC @ 10 V	84 nC @ 10 V
Current - Continuous Drain (Id) @ 25°C	15A (Tc)	21A (Tc)	12A (Tc)	21A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Rds On (Max) @ Id, Vgs	290mOhm @ 8.5A, 10V	180mOhm @ 11A, 10V	380mOhm @ 6A, 10V	176mOhm @ 11A, 10V
Supplier Device Package	TO-220AB	TO-220AB	TO-220AB	TO-220AB
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Input Capacitance (Ciss) (Max) @ Vds	2408 pF @ 100 V	1757 pF @ 100 V	937 pF @ 100 V	2030 pF @ 100 V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 250µA	4V @ 250µA
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Series	E	EL	-	-
FET Feature	-	-	-	-
Drain to Source Voltage (Vdss)	800 V	600 V	600 V	600 V
Package	Tube	Tube	Tube	Tube
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole


SIHP17N80E-GE3 Datasheet PDF

Download SIHP17N80E-GE3 pdf datasheets and Vishay Siliconix documentation for SIHP17N80E-GE3 - Vishay Siliconix.

Datasheets




















SIHP17N80E.pdf

PCN Design/Specification


Mult Dev Material Chg 30/Aug/2019.pdf

Customers Also Interested in

Recommended Products

					
SIHP22N60AEL-GE3 Vishay Siliconix MOSFET N-CH 600V 21A TO220AB	SIHP12N60E Electro-Films (EFI) / Vishay	SIHP12N60E-E3 Vishay Siliconix MOSFET N-CH 600V 12A TO220AB	SIHP21N60EF-GE3 Vishay Siliconix MOSFET N-CH 600V 21A TO220AB	SIHP14N50D Electro-Films (EFI) / Vishay	SIHP12N65E-GE3 Vishay Siliconix MOSFET N-CH 650V 12A TO220AB
					
SIHP18N50C-E3 MOS Electro-Films (EFI) / Vishay	SIHP17N60D-E3 Vishay Siliconix MOSFET N-CH 600V 17A TO220AB	SIHP20N50E Electro-Films (EFI) / Vishay	SIHP180N60E-GE3 Vishay Siliconix MOSFET N-CH 600V 19A TO220AB	SIHP15N60E-GE3 Vishay Siliconix MOSFET N-CH 600V 15A TO220AB	SIHP12N60E-GE3 Vishay Siliconix MOSFET N-CH 600V 12A TO220AB
					
SIHP15N60E Electro-Films (EFI) / Vishay	SIHP18N50C-E3 Vishay Siliconix MOSFET N-CH 500V 18A TO220AB	SIHP21N60EF Electro-Films (EFI) / Vishay	SIHP15N65E-GE3 Vishay Siliconix MOSFET N-CH 650V 15A TO220AB	SIHP22N50EL Electro-Films (EFI) / Vishay	SIHP16N50C 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.

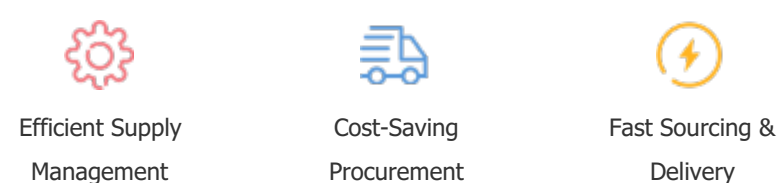
Payment Support

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

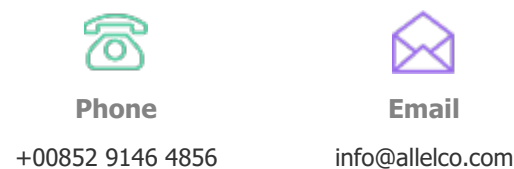
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)