





## SIHD7N60E-GE3

Manufacturer Part Number	<b>SIHD7N60E-GE3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-SIHD7N60E-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 600V 7A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	<b>SIHD7N60E.pdf</b>
RoHs Status	 ROHS3 Compliant



Get a Quote

SIHD7N60E-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIHD7N60E-GE3 datasheet/specifications on AllelcoElec.com.  
Request a quote for SIHD7N60E-GE3, please send us email: [info@allelco.com](mailto:info@allelco.com)





### Specifications

SIHD7N60E-GE3 Tech Specifications  
SIHD7N60E-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	Surface Mount
Vgs (Max)	±30V	Input Capacitance (Ciss) (Max) @ Vds	680 pF @ 100 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	40 nC @ 10 V
Supplier Device Package	D-Pak	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	600mOhm @ 3.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	78W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	7A (Tc)
Package	Bulk	Base Product Number	SIHD7

### Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SIHD7N60E-GE3

Product Attribute	 NO PICTURE			
Part Number	SIHD7N60E-GE3	SIHF12N60E-GE3	SIHD9N60E-GE3	SIHF065N60E-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
FET Feature	-	-	-	-
Drain to Source Voltage (Vdss)	600 V	600 V	600 V	600 V
Current - Continuous Drain (Id) @ 25°C	7A (Tc)	12A (Tc)	9A (Tc)	40A (Tc)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Supplier Device Package	D-Pak	TO-220 Full Pack	TO-252AA	TO-220 Full Pack
Rds On (Max) @ Id, Vgs	600mOhm @ 3.5A, 10V	380mOhm @ 6A, 10V	368mOhm @ 4.5A, 10V	65mOhm @ 16A, 10V
Power Dissipation (Max)	78W (Tc)	33W (Tc)	78W (Tc)	39W (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Series	-	E	E	E
Vgs (Max)	±30V	±30V	±30V	±30V
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	4.5V @ 250µA	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	40 nC @ 10 V	58 nC @ 10 V	52 nC @ 10 V	74 nC @ 10 V
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-220-3 Full Pack	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-220-3 Full Pack
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package	Bulk	Tape & Reel (TR)	Tube	Bulk
Input Capacitance (Ciss) (Max) @ Vds	680 pF @ 100 V	937 pF @ 100 V	778 pF @ 100 V	2700 pF @ 100 V
Base Product Number	SIHD7	SIHF12	SIHD9	SIHF065


### SIHD7N60E-GE3 Datasheet PDF

Download SIHD7N60E-GE3 pdf datasheets and Vishay Siliconix documentation for SIHD7N60E-GE3 - Vishay Siliconix.

#### Datasheets




















SIHD7N60E.pdf

#### PCN Assembly/Origin


SIL-079-2014-Rev-0 26/Sep/2014.pdf

## Customers Also Interested in

### Recommended Products

 <b>SIHF12N60E-GE3</b> Vishay Siliconix MOSFET N-CH 600V 12A TO220	 <b>SIHD9N60E-GE3</b> Vishay Siliconix MOSFET N-CH 600V 9A DPAK	 <b>SIHF12N50C</b> Electro-Films (EFI) / Vishay	 <b>SIHF065N60E-GE3</b> Vishay Siliconix MOSFET N-CH 600V 40A TO220	 <b>SIHD3N50D-E3</b> Vishay Siliconix MOSFET N-CH 500V 3A DPAK	 <b>SIHB33N60EF-GE3</b> Vishay Siliconix MOSFET N-CH 600V 33A D2PAK
 <b>SIHB33N60ET1-GE3</b> Vishay Siliconix MOSFET N-CH 600V 33A TO263	 <b>SIHB33N60ET1-GE3 MOS</b> Electro-Films (EFI) / Vishay	 <b>SIHD180N60E-GE3</b> Vishay Siliconix MOSFET N-CH 600V 19A TO252AA	 <b>SIHF10N40D</b> Electro-Films (EFI) / Vishay	 <b>SIHF12N50C-E3 MOS</b> Electro-Films (EFI) / Vishay	 <b>SIHB33N60E-GE3</b> Infineon Technologies MOSFET N-CH 600V D2PAK
 <b>SIHF12N50C-E3</b> Vishay Siliconix MOSFET N-CH 500V 12A TO220	 <b>SIHD5N50D-GE3</b> Vishay Siliconix MOSFET N-CH 500V 5.3A TO252AA	 <b>SIHD6N65E-GE3</b> Vishay Siliconix MOSFET N-CH 650V 7A DPAK	 <b>SIHF12N60E</b> Electro-Films (EFI) / Vishay	 <b>SIHF12N60E-E3</b> Vishay Siliconix MOSFET N-CH 600V 12A TO220	 <b>SIHD2N80E-GE3</b> Vishay Siliconix MOSFET N-CH 800V 2.8A DPAK

## 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



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