



SIHA15N60E-E3

Manufacturer Part Number	SIHA15N60E-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIHA15N60E-E3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 600V 15A TO220
Package	TO-220-3 Full Pack
Data sheet	SIHA15N60E.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

SIHA15N60E-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIHA15N60E-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for SIHA15N60E-E3, please send us email: info@allelco.com

Specifications

SIHA15N60E-E3 Tech Specifications

SIHA15N60E-E3 - 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	1350 pF @ 100 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	76 nC @ 10 V
Supplier Device Package	TO-220 Full Pack	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	280mOhm @ 8A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	34W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-220-3 Full Pack	Current - Continuous Drain (Id) @ 25°C	15A (Tc)
Package	Tube	Base Product Number	SIHA15

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SIHA15N60E-E3

Product Attribute	NO PICTURE			
Part Number	SIHA15N60E-E3	SIHB15N60E-GE3	SIHA22N60AEL-GE3	SIHA12N60E-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Current - Continuous Drain (Id) @ 25°C	15A (Tc)	15A (Tc)	21A (Tc)	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Gate Charge (Qg) (Max) @ Vgs	76 nC @ 10 V	78 nC @ 10 V	82 nC @ 10 V	58 nC @ 10 V
Drain to Source Voltage (Vdss)	600 V	600 V	600 V	600 V
Power Dissipation (Max)	34W (Tc)	180W (Tc)	35W (Tc)	33W (Tc)
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 250µA	4V @ 250µA
FET Feature	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Base Product Number	SIHA15	SIHB15	SIHA22	SIHA12
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Rds On (Max) @ Id, Vgs	280mOhm @ 8A, 10V	280mOhm @ 8A, 10V	180mOhm @ 11A, 10V	380mOhm @ 6A, 10V
Package / Case	TO-220-3 Full Pack	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3 Full Pack	TO-220-3 Full Pack
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	-	-	EL	-
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Supplier Device Package	TO-220 Full Pack	D ² PAK (TO-263)	TO-220 Full Pack	TO-220 Full Pack
Input Capacitance (Ciss) (Max) @ Vds	1350 pF @ 100 V	1350 pF @ 100 V	1757 pF @ 100 V	937 pF @ 100 V
Vgs (Max)	±30V	±30V	±30V	±30V
Package	Tube	Bulk	Bulk	Tube

SIHA15N60E-E3 Datasheet PDF

Download SIHA15N60E-E3 pdf datasheets and Vishay Siliconix documentation for SIHA15N60E-E3 - Vishay Siliconix.

Datasheets



















SIHA15N60E.pdf

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products

 SIHB15N60E-GE3 Vishay Siliconix MOSFET N-CH 600V 15A D2PAK	 SIHA22N60AEL-GE3 Vishay Siliconix MOSFET N-CH 600V 21A TO220	 SIH31-06R Fujitsu Electronics America, Inc. IGBT Module	 SIHA12N60E-E3 Vishay Siliconix MOSFET N-CH 600V 12A TO220	 SIHB10N40D-GE3 Vishay Siliconix MOSFET N-CH 400V 10A TO263	 SIHB12N50C-E3 Vishay Siliconix MOSFET N-CH 500V 12A D2PAK
 SIHB12N50C Electro-Films (EFI) / Vishay	 SIH31-03R Fujitsu Electronics America, Inc. IGBT Module	 SIHA11N80E Electro-Films (EFI) / Vishay	 SIHA20N50E-E3 Vishay Siliconix MOSFET N-CH 500V 19A TO220	 SIH31-10R Fujitsu Electronics America, Inc. IGBT Module	 SIH31-12 Fujitsu Electronics America, Inc. IGBT Module
 SIHB12N60ET1-GE3 Vishay Siliconix MOSFET N-CH 600V 12A TO263	 SIH31-06 Fujitsu Electronics America, Inc. IGBT Module	 SIHA22N60E-GE3 Vishay Siliconix N-CHANNEL 600V	 SIH31-10 Fujitsu Electronics America, Inc. IGBT Module	 SIHA22N60E-E3 Vishay Siliconix MOSFET N-CH 600V 21A TO220	 SIHB12N60E-GE3 Vishay Siliconix MOSFET N-CH 600V 12A D2PAK

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

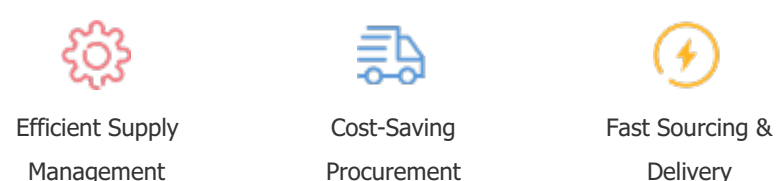
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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