



Image may be representation.
See specifications for product details.



SSH22N50A

Manufacturer Part Number	SSH22N50A
Manufacturer	onsemi
Allelco Part Number	32D-SSH22N50A
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 500V 22A TO3P
Package	TO-3P-3, SC-65-3
Data sheet	SSH22N50A.pdf

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SSH22N50A - onsemi.New Original in Stock. Download Linear Technology SSH22N50A datasheet/specifications on AllelcoElec.com.
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Specifications

SSH22N50A Tech Specifications

SSH22N50A - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	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	5120 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	236 nC @ 10 V
Supplier Device Package	TO-3P	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	250mOhm @ 11A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	278W (Tc)	Drain to Source Voltage (Vdss)	500 V
Package / Case	TO-3P-3, SC-65-3	Current - Continuous Drain (Id) @ 25°C	22A (Tc)
Package	Tube	Base Product Number	SSH22

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SSH22N50A

Product Attribute				
Part Number	SSH22N50A	SSH70N10A	SSH25N40A	SSH11N90
Manufacturer	onsemi	onsemi	Fairchild (onsemi)	Fairchild (onsemi)
Package	Tube	Tube	-	-
Series	-	-	-	-
Package / Case	TO-3P-3, SC-65-3	TO-3P-3, SC-65-3	-	-
Base Product Number	SSH22	SSH70	-	-
Vgs (Max)	±30V	±20V	-	-
Supplier Device Package	TO-3P	TO-3PN	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	-	-
Input Capacitance (Ciss) (Max) @ Vds	5120 pF @ 25 V	4870 pF @ 25 V	-	-
Gate Charge (Qg) (Max) @ Vgs	236 nC @ 10 V	195 nC @ 10 V	-	-
FET Feature	-	-	-	-
Mounting Type	Through Hole	Through Hole	-	-
Rds On (Max) @ Id, Vgs	250mOhm @ 11A, 10V	23mOhm @ 35A, 10V	-	-
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-	-
Drain to Source Voltage (Vdss)	500 V	100 V	-	-
Current - Continuous Drain (Id) @ 25°C	22A (Tc)	70A (Tc)	-	-
Power Dissipation (Max)	278W (Tc)	300W (Tc)	-	-
FET Type	N-Channel	N-Channel	-	-

SSH22N50A Datasheet PDF

Download SSH22N50A pdf datasheets and onsemi documentation for SSH22N50A - onsemi.

Datasheets

[SSH22N50A.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

Customers Also Interested in

Recommended Products



SSH25N40A

Fairchild (onsemi)



SSH11N90

Fairchild (onsemi)



SSH70N10A

onsemi
MOSFET N-CH 100V 70A TO3PN



SSH10N60B

Fairchild (onsemi)



NO PICTURE

SSH1040WG

ISION



SSH210

Taiwan Semiconductor Corporation
2A, 100V, SCHOTTKY RECTIFIER



NO PICTURE

SSH40N20

SEC



NO PICTURE

SSH6N80

SEC



SSH7N60B

Fairchild (onsemi)



SSH45N20A

Fairchild (onsemi)



SSH10N60A

Fairchild (onsemi)



NO PICTURE

SSH5N90

SEC



SSH10N90A

Fairchild (onsemi)



NO PICTURE

SSH22N50

FSC



SSH10N80A

Fairchild (onsemi)



SSH11N90A

Fairchild (onsemi)



NO PICTURE

SSH40N20A

SEC



SSH20N50

Fairchild (onsemi)

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.



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Certifications & Memberships



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