



Image may be representation.
See specifications for product details.



IXTH20N60

Manufacturer Part Number	IXTH20N60
Manufacturer	IXYS Corporation
Allelco Part Number	32D-IXTH20N60
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 600V 20A TO247
Package	TO-247-3
Data sheet	IXT(H,M)20N60.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IXTH20N60 - IXYS.New Original in Stock. Download Linear Technology IXTH20N60 datasheet/specifications on AllelcoElec.com.
Request a quote for IXTH20N60, please send us email: info@allelco.com

Specifications

IXTH20N60 Tech Specifications
IXTH20N60 - IXYS technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	IXYS Corporation	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4.5V @ 250µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	4500 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	170 nC @ 10 V
Supplier Device Package	TO-247 (IXTH)	FET Type	N-Channel
Series	MegaMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	350mOhm @ 10A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	300W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-247-3	Current - Continuous Drain (Id) @ 25°C	20A (Tc)
Package	Tube	Base Product Number	IXTH20

Parts with Similar Specifications

The three parts on the right have similar specifications to IXYS IXTH20N60

Product Attribute				
Part Number	IXTH20N60	IXTH24P20	IXTH200N075T	IXTH1N250
Manufacturer	IXYS	IXYS	IXYS	IXYS
Supplier Device Package	TO-247 (IXTH)	TO-247 (IXTH)	TO-247 (IXTH)	TO-247AD
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	-
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Package / Case	TO-247-3	TO-247-3	TO-247-3	TO-247-3
Rds On (Max) @ Id, Vgs	350mOhm @ 10A, 10V	150mOhm @ 500mA, 10V	5mOhm @ 25A, 10V	400hm @ 750mA, 10V
Drain to Source Voltage (Vdss)	600 V	200 V	75 V	2500 V
Vgs(th) (Max) @ Id	4.5V @ 250µA	5V @ 250µA	4V @ 250µA	4V @ 250µA
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-
Input Capacitance (Ciss) (Max) @ Vds	4500 pF @ 25 V	4200 pF @ 25 V	6800 pF @ 25 V	1660 pF @ 25 V
Gate Charge (Qg) (Max) @ Vgs	170 nC @ 10 V	150 nC @ 10 V	160 nC @ 10 V	41 nC @ 10 V
Vgs (Max)	±20V	±20V	±20V	-
Base Product Number	IXTH20	IXTH24	IXTH200	IXTH1
Power Dissipation (Max)	300W (Tc)	300W (Tc)	430W (Tc)	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Current - Continuous Drain (Id) @ 25°C	20A (Tc)	24A (Tc)	200A (Tc)	1.5A (Tc)
FET Feature	-	-	-	-
Package	Tube	Tube	Tube	Tube
FET Type	N-Channel	P-Channel	N-Channel	N-Channel
Series	MegaMOS™	-	-	-

IXTH20N60 Datasheet PDF

Download IXTH20N60 pdf datasheets and IXYS documentation for IXTH20N60 - IXYS.

Datasheets

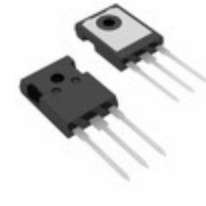
IXT(H,M)20N60.pdf

Customers Also Interested in

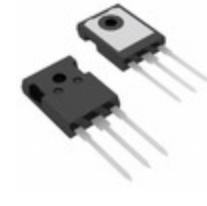
Recommended Products

**IXTH24P20**IXYS
MOSFET P-CH 200V 24A TO247**IXTH200N075T**IXYS
MOSFET N-CH 75V 200A TO247**IXTH1N250**IXYS
MOSFET N-CH 2500V 1.5A TO-247AD**IXTH24N50**IXYS
MOSFET P-CH 500V 24A TO247**IXTH200N10T**IXYS
MOSFET N-CH 100V 200A TO247**IXTH21N50**IXYS
MOSFET N-CH 500V 21A TO247**IXTH22P15**

IXYS / Littelfuse

**IXTH220N055T**IXYS
MOSFET N-CH 55V 220A TO247**IXTH16N10D2**IXYS
MOSFET N-CH 100V 16A TO247**IXTH20P50P**IXYS
MOSFET P-CH 500V 20A TO247**IXTH160N15T**IXYS
MOSFET N-CH 150V 160A TO247**IXTH1N100**IXYS
MOSFET N-CH 1000V 1.5A TO247**IXTH24N65X2**IXYS
MOSFET N-CH 650V 24A TO247**IXTH20N50D**IXYS
MOSFET N-CH 500V 20A TO247**IXTH24N45**

IXYS / Littelfuse

**IXTH1N450HV**IXYS
MOSFET N-CH 4500V 1A TO247HV**IXTH180N10T**IXYS
MOSFET N-CH 100V 180A TO247**IXTH16P20**IXYS
MOSFET P-CH 200V 16A TO247

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

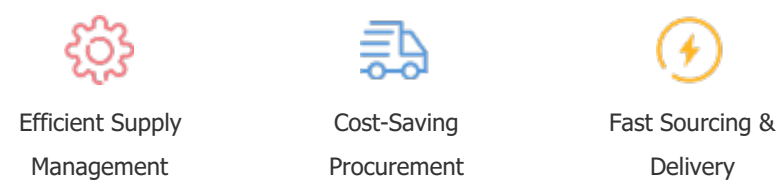
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

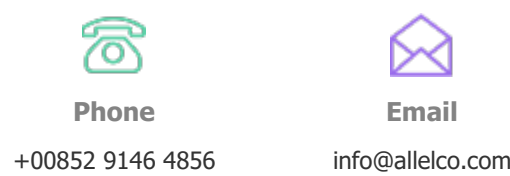
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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