



## FII30-06D

Manufacturer Part Number	<b>FII30-06D</b>
Manufacturer	<b>IXYS Corporation</b>
Allelco Part Number	32D-FII30-06D
ECAD Model	Request Free CAD Models
Parts Description	IGBT H BRIDGE 600V 30A I4PAK5
Package	i4-Pac™-5
Data sheet	FII30-06D.pdf
RoHs Status	<b>ROHS3 Compliant</b>



**Get a Quote**

FII30-06D - IXYS.New Original in Stock. Download Linear Technology FII30-06D datasheet/specifications on AllelcoElec.com.

Request a quote for FII30-06D, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

FII30-06D Tech Specifications

FII30-06D - IXYS technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	IXYS Corporation	NTC Thermistor	No
Voltage - Collector Emitter Breakdown (Max)	600 V	Mounting Type	Through Hole
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 20A	Input Capacitance (Cies) @ Vce	1.1 nF @ 25 V
Supplier Device Package	ISOPLUS i4-PAC™	Input	Standard
Series	-	IGBT Type	NPT
Power - Max	100 W	Current - Collector Cutoff (Max)	600 µA
Package / Case	i4-Pac™-5	Current - Collector (Ic) (Max)	30 A
Package	Tube	Configuration	Half Bridge
Operating Temperature	-55°C ~ 150°C (TJ)	Base Product Number	FII30

## Parts with Similar Specifications

The three parts on the right have similar specifications to IXYS FII30-06D

Product Attribute	NO PICTURE			
Part Number	FII30-06D	<a href="#">FII40-06D</a>	<a href="#">FII30-12E</a>	<a href="#">FII30-06D</a>
Manufacturer	IXYS	IXYS	IXYS	IXYS
Base Product Number	FII30	FII40	FII30	FII30
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 20A	2.2V @ 15V, 25A	2.9V @ 15V, 20A	2.4V @ 15V, 20A
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package	Tube	Bulk	Tube	Tube
Voltage - Collector Emitter Breakdown (Max)	600 V	600 V	1200 V	600 V
Configuration	Half Bridge	Half Bridge	Half Bridge	Half Bridge
Current - Collector (Ic) (Max)	30 A	40 A	33 A	30 A
Current - Collector Cutoff (Max)	600 µA	600 µA	200 µA	600 µA
Series	-	-	-	-
Input Capacitance (Cies) @ Vce	1.1 nF @ 25 V	1.6 nF @ 25 V	1.2 nF @ 25 V	1.1 nF @ 25 V
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
NTC Thermistor	No	No	No	No
Supplier Device Package	ISOPLUS i4-PAC™	ISOPLUS i4-PAC™	ISOPLUS i4-PAC™	ISOPLUS i4-PAC™
Power - Max	100 W	125 W	150 W	100 W
IGBT Type	NPT	NPT	NPT	NPT
Package / Case	i4-Pac™-5	i4-Pac™-5	i4-Pac™-5	i4-Pac™-5
Input	Standard	Standard	Standard	Standard

## FII30-06D Datasheet PDF

Download FII30-06D pdf datasheets and IXYS documentation for FII30-06D - IXYS.

PCN Obsolescence/ EOL

Multiple Devices 21/Apr/2020.pdf

## Customers Also Interested in

### Recommended Products



**MCNA120UI1600TED**

IXYS / Littelfuse  
IGBT Module

**FII40-06D**

IXYS  
IGBT H BRIDGE 600V 40A I4PAK5

**DSA42-14A**

IXYS / Littelfuse  
IGBT Module

**VVY40-16I01**

IXYS  
MODULE THYRISTOR 1600V V1 PAC

**FII30-12E**

IXYS  
IGBT H BRIDGE 1200V 33A I4PAK5

**FII30-06D**

IXYS  
IGBT H BRIDGE 600V 30A I4PAK5

**DSD17-02B**IXYS / Littelfuse  
IGBT Module**MCC56-16**IXYS / Littelfuse  
IGBT Module**MCMA260P1600YA**IXYS  
SCR MODULE 1.6KV 260A Y4**IXFN34N80**IXYS  
MOSFET N-CH 800V 34A SOT-227B**DSA17-08A**IXYS / Littelfuse  
IGBT Module**VMM650-01F**IXYS  
MOSFET 2N-CH 100V 680A Y3-LI**MCC72/16I01B**IXYS / Littelfuse  
IGBT Module**VU0160-04N07**IXYS / Littelfuse  
IGBT Module**FII24N17AH1**IXYS  
IGBT H BRIDGE 1700V 18A 14PAK5**CS16-10GO2**IXYS / Littelfuse  
IGBT Module**FII30-12D**IXYS / Littelfuse  
IGBT Module**DSDI71-08A**IXYS / Littelfuse  
IGBT Module

## 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

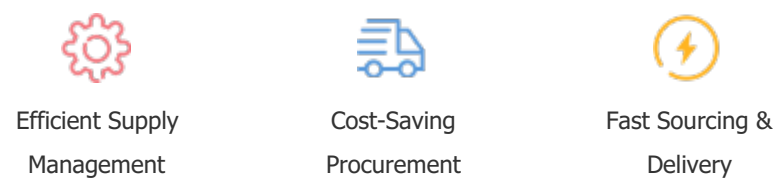
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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](#)



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