



HGTG11N120CND

Manufacturer Part Number	HGTG11N120CND
Manufacturer	Fairchild (onsemi)
Allelco Part Number	32D-HGTG11N120CND
ECAD Model	Request Free CAD Models
Parts Description	1200V, NPT IGBT
Package	TO-247-3
Data sheet	HGTG11N120CND.pdf



Get a Quote

HGTG11N120CND - Fairchild Semiconductor. New Original in Stock. Download Linear Technology HGTG11N120CND datasheet/specifications on AllelcoElec.com.
Request a quote for HGTG11N120CND, please send us email: info@allelco.com

Specifications

HGTG11N120CND Tech Specifications
HGTG11N120CND - Fairchild Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Fairchild (onsemi)	Package / Case	TO-247-3
Voltage - Collector Emitter Breakdown (Max)	1200 V	Package	Bulk
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 11A	Operating Temperature	-55°C ~ 150°C (TJ)
Test Condition	960V, 11A, 100hm, 15V	Mounting Type	Through Hole
Td (on/off) @ 25°C	23ns/180ns	Input Type	Standard
Switching Energy	950μJ (on), 1.3mJ (off)	IGBT Type	NPT
Supplier Device Package	TO-247	Gate Charge	100 nC
Series	-	Current - Collector Pulsed (Icm)	80 A
Reverse Recovery Time (trr)	70 ns	Current - Collector (Ic) (Max)	43 A
Power - Max	298 W		

Parts with Similar Specifications

The three parts on the right have similar specifications to Fairchild Semiconductor HGTG11N120CND

Product Attribute	NO PICTURE			
Part Number	HGTG11N120CND	HGTG11N120CND	HGTD7N60C3S9A	HGTG18N120BN
Manufacturer	Fairchild Semiconductor	onsemi	Fairchild Semiconductor	Fairchild Semiconductor
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 11A	2.4V @ 15V, 11A	2V @ 15V, 7A	2.7V @ 15V, 18A
Series	-	-	-	-
Power - Max	298 W	298 W	60 W	390 W
Package	Bulk	Tube	Bulk	Bulk
Test Condition	960V, 11A, 100hm, 15V	960V, 11A, 100hm, 15V	-	960V, 18A, 30hm, 15V
Package / Case	TO-247-3	TO-247-3	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-247-3
Reverse Recovery Time (trr)	70 ns	70 ns	-	-
Td (on/off) @ 25°C	23ns/180ns	23ns/180ns	-	23ns/170ns
Input Type	Standard	Standard	Standard	Standard
Switching Energy	950μJ (on), 1.3mJ (off)	950μJ (on), 1.3mJ (off)	165μJ (on), 600μJ (off)	800μJ (on), 1.8mJ (off)
Current - Collector Pulsed (Icm)	80 A	80 A	56 A	165 A
Supplier Device Package	TO-247	TO-247-3	TO-252, (D-Pak)	TO-247-3
Voltage - Collector Emitter Breakdown (Max)	1200 V	1200 V	600 V	1200 V
Gate Charge	100 nC	100 nC	23 nC	165 nC
Current - Collector (Ic) (Max)	43 A	43 A	14 A	54 A
IGBT Type	NPT	NPT	-	NPT
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)

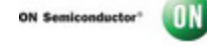
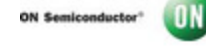
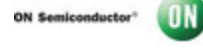
Customers Also Interested in

Recommended Products

HGTG11N120CND onsemi IGBT NPT 1200V 43A TO247-3	HGTD7N60C3S9A Fairchild Semiconductor INSULATED GATE BIPOLAR TRANSISTO	HGTG18N120 Fairchild (onsemi)	HGTG18N120BN Fairchild Semiconductor IGBT, 54A, 1200V, N-CHANNEL, TO-	HGTG12N60A4D onsemi IGBT 600V 54A 167W TO247	HGTD7N60C3S9A onsemi IGBT 600V 14A TO252AA
	NO PICTURE	NO PICTURE	NO PICTURE		
HGTD1N120BNS9A	HGTD8P50G1	HGTD3N60C3S	HGTD7N60C3S	HGTG12N60A4	HGTG11N120CN



NO PICTURE



HGTG11N120CN

Fairchild Semiconductor
N-CHANNEL IGBT

HGTG12N60A4

Fairchild Semiconductor
N-CHANNEL IGBT

HGTG12N60B3D

ITS

HGTG18N120BN

onsemi
IGBT 1200V 54A 390W TO247

HGTG18N120BND

onsemi
IGBT 1200V 54A 390W TO247

HGTG10N120BND

onsemi
IGBT NPT 1200V 35A TO247-3

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
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