

Image may be representation.
See specifications for product details.



BTN7970B

Manufacturer Part Number	BTN7970B
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTN7970B
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC HALF BRIDGE DRVR 70A TO263-7
Package	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA
Data sheet	BTN7970B.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BTN7970B - Infineon Technologies.New Original in Stock. Download Linear Technology BTN7970B datasheet/specifications on AllelcoElec.com.
Request a quote for BTN7970B, please send us email: info@allelco.com

Specifications

BTN7970B Tech Specifications
BTN7970B - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	8V ~ 18V	Mounting Type	Surface Mount
Voltage - Load	8V ~ 18V	Load Type	Inductive
Technology	DMOS	Interface	Logic, PWM
Supplier Device Package	PG-TO263-7-1	Features	Charge Pump, Status Flag
Series	NovalithIC™	Fault Protection	Current Limiting, Over Current, Over Temperature, Over Voltage, Short Circuit
Rds On (Typ)	9mOhm LS, 7mOhm HS	Current - Peak Output	70A
Package / Case	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA	Current - Output / Channel	70A
Package	Bulk	Base Product Number	BTN7970
Output Configuration	Half Bridge	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTN7970B

Product Attribute				
Part Number	BTN7970B	BTN8946TA	BTN7963BAUMA1	BTN7973B
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Rds On (Typ)	9mOhm LS, 7mOhm HS	-	9mOhm LS, 7mOhm HS	-
Interface	Logic, PWM	-	Logic	-
Operating Temperature	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)	-
Voltage - Load	8V ~ 18V	-	4.5V ~ 28V	-
Base Product Number	BTN7970	BTN8946	BTN7963	BTN7973
Technology	DMOS	-	DMOS	-
Mounting Type	Surface Mount	-	Surface Mount	-
Voltage - Supply	8V ~ 18V	-	4.5V ~ 28V	-
Applications	General Purpose	-	DC Motors, General Purpose	-
Supplier Device Package	PG-TO263-7-1	-	PG-TO263-7-1	-
Fault Protection	Current Limiting, Over Current, Over Temperature, Over Voltage, Short Circuit	-	Current Limiting, Over Temperature, Over Voltage, Short Circuit, UVLO	-
Package	Bulk	Bulk	Tape & Reel (TR)	Bulk
Package / Case	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA	-	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA	-
Load Type	Inductive	-	Inductive	-
Output Configuration	Half Bridge	-	Half Bridge	-
Features	Charge Pump, Status Flag	-	Latch Function, Slew Rate Controlled, Status Flag	-
Current - Output / Channel	70A	-	44A	-
Current - Peak Output	70A	-	90A	-
Series	NovalithIC™	*	NovalithIC™	-

Customers Also Interested in

Recommended Products


BTN7960BAUMA1	BTN7971B	BTN8960TA	BTN3904N3	BTN7970S	BTN8946TA
Infineon Technologies IC MOTOR DRIVER 8V-18V TO263-7	Cypress Semiconductor (Infineon Technologies)	INFIENON	CYSTEKEC	Infineon Technologies HALF-BRIDGE PERIPHERAL DRIVER	Infineon Technologies PROTECTED HALF-BRIDGE




BTN7963BAUMA1
Infineon Technologies
IC HALF BRIDGE DRVR 44A TO263-7



BTN7933B
Cypress Semiconductor
(Infineon Technologies)



BTN7960B
Cypress Semiconductor
(Infineon Technologies)



BTN7960P
INFIEON



BTN7963B
Cypress Semiconductor
(Infineon Technologies)



BTN7930BAUMA1
Infineon Technologies
IC MOTOR DRIVER 8V-18V TO263-7



BTN8960
Cypress Semiconductor
(Infineon Technologies)




BTN7973B
Infineon Technologies
HALF-BRIDGE PERIPHERAL DRIVER



BTN7930B
Cypress Semiconductor
(Infineon Technologies)



BTN8960B
Cypress Semiconductor
(Infineon Technologies)



BTN8960TABTN8960
INFIEON



BTN7975B
Cypress Semiconductor
(Infineon Technologies)

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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