



BD677ASTU

Manufacturer Part Number	BD677ASTU
Manufacturer	onsemi
Allelco Part Number	32D-BD677ASTU
ECAD Model	Request Free CAD Models
Parts Description	TRANS NPN DARL 60V 4A TO126-3
Package	TO-225AA, TO-126-3
Data sheet	BD677ASTU.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

BD677ASTU - onsemi.New Original in Stock. Download Linear Technology BD677ASTU datasheet/specifications on AllelcoElec.com.
Request a quote for BD677ASTU, please send us email: info@allelco.com

Specifications

BD677ASTU Tech Specifications
BD677ASTU - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Collector Emitter Breakdown (Max)	60 V	Operating Temperature	150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	2.8V @ 40mA, 2A	Mounting Type	Through Hole
Transistor Type	NPN - Darlington	Frequency - Transition	-
Supplier Device Package	TO-126-3	DC Current Gain (hFE) (Min) @ Ic, Vce	750 @ 2A, 3V
Series	-	Current - Collector Cutoff (Max)	500µA
Power - Max	40 W	Current - Collector (Ic) (Max)	4 A
Package / Case	TO-225AA, TO-126-3	Base Product Number	BD677

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BD677ASTU

Product Attribute				
Part Number	BD677ASTU	BD676AS	BD677G	BD677AG
Manufacturer	onsemi	Fairchild Semiconductor	onsemi	onsemi
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Series	-	-	-	-
Supplier Device Package	TO-126-3	TO-126-3	TO-126	TO-126
Package	Tube	Bulk	Bulk	Bulk
Current - Collector (Ic) (Max)	4 A	4 A	4 A	4 A
Current - Collector Cutoff (Max)	500µA	500µA	500µA	500µA
Voltage - Collector Emitter Breakdown (Max)	60 V	45 V	60 V	60 V
DC Current Gain (hFE) (Min) @ Ic, Vce	750 @ 2A, 3V	750 @ 2A, 3V	750 @ 1.5A, 3V	750 @ 2A, 3V
Operating Temperature	150°C (TJ)	150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Frequency - Transition	-	-	-	-
Vce Saturation (Max) @ Ib, Ic	2.8V @ 40mA, 2A	2.8V @ 40mA, 2A	2.5V @ 30mA, 1.5A	2.8V @ 40mA, 2A
Base Product Number	BD677	BD676	BD677	BD677
Power - Max	40 W	14 W	40 W	40 W
Transistor Type	NPN - Darlington	PNP - Darlington	NPN - Darlington	NPN - Darlington
Package / Case	TO-225AA, TO-126-3	TO-225AA, TO-126-3	TO-225AA, TO-126-3	TO-225AA, TO-126-3

BD677ASTU Datasheet PDF

Download BD677ASTU pdf datasheets and onsemi documentation for BD677ASTU - onsemi.

Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

PCN Design/Specification

Logo 17/Aug/2017.pdf

PCN Packaging

Mult Devices 24/Oct/2017.pdf

PCN Obsolescence/ EOL

Mult Dev EOL 16/Jul/2019.pdf

PCN Assembly/Origin



Customers Also Interested in

Recommended Products

BD6775EFV LAPIS Technology	BD6795EFV-E2. LAPIS Technology	BD676AS Fairchild Semiconductor TRANS PNP DARL 45V 4A TO126-3	BD6780EFV LAPIS Technology	BD677G onsemi TRANS NPN DARL 60V 4A TO126	BD677AG onsemi TRANS NPN DARL 60V 4A TO126
BD679A STMicroelectronics TRANS NPN DARL 80V 4A SOT32-3	BD6795EFV-E2 LAPIS Technology	BD676AS onsemi TRANS PNP DARL 45V 4A TO126-3	BD679AG onsemi TRANS NPN DARL 80V 4A TO126	BD676G onsemi TRANS PNP DARL 45V 4A TO126	BD6770FM LAPIS Technology
BD677A STMicroelectronics TRANS NPN DARL 60V 4A SOT32-3	BD6762FV-E2. LAPIS Technology	BD6792FM-E2 Rohm Semiconductor IC MOTOR DRIVER 18V-30V 28HSOP	BD6775EFV-E2 Rohm Semiconductor IC MTR DRV BIPLR 4.5-6V 24HTSSOP	BD67891MUV-E2 Rohm Semiconductor FOR 3-PHASE DC BRUSHLESS MOTOR L	BD678A STMicroelectronics TRANS PNP DARL 60V 4A SOT32-3

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 Alleco 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

+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



View More