



Image may be representation.
See specifications for product details.



NSV40302PDR2G

Manufacturer Part Number	NSV40302PDR2G
Manufacturer	onsemi
Allelco Part Number	32D-NSV40302PDR2G
ECAD Model	Request Free CAD Models
Parts Description	TRANS NPN/PNP 40V 3A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NSS40302PDR2G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NSV40302PDR2G - onsemi.New Original in Stock. Download Linear Technology NSV40302PDR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NSV40302PDR2G, please send us email: info@allelco.com

Specifications

NSV40302PDR2G Tech Specifications

NSV40302PDR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	40V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	115mV @ 200mA, 2A	Mounting Type	Surface Mount
Transistor Type	NPN, PNP	Frequency - Transition	100MHz
Supplier Device Package	8-SOIC	DC Current Gain (hFE) (Min) @ Ic, Vce	180 @ 1A, 2V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	653mW	Current - Collector (Ic) (Max)	3A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	NSV40302

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSV40302PDR2G

Product Attribute				
Part Number	NSV40302PDR2G	NSV40300M24T1G	NSV45020J2T1G	NSV60200LT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Collector (Ic) (Max)	3A	3 A	-	2 A
Supplier Device Package	8-SOIC	SOT-223 (TO-261)	SOT-223 (TO-261)	SOT-23-3 (TO-236)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	NSV40302	NSV40300	NSV45020	NSV60200
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C	-55°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power - Max	653mW	2 W	-	460 mW
Package / Case	8-SOIC (0.154", 3.90mm Width)	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-236-3, SC-59, SOT-23-3
Series	-	-	Automotive, AEC-Q101	-
DC Current Gain (hFE) (Min) @ Ic, Vce	180 @ 1A, 2V	175 @ 1A, 1V	-	150 @ 500mA, 2V
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	-	100nA (ICBO)
Voltage - Collector Emitter Breakdown (Max)	40V	40 V	-	60 V
Transistor Type	NPN, PNP	PNP	-	PNP
Vce Saturation (Max) @ Ib, Ic	115mV @ 200mA, 2A	400mV @ 300mA, 3A	-	220mV @ 200mA, 2A
Frequency - Transition	100MHz	160MHz	-	100MHz

NSV40302PDR2G Datasheet PDF

Download NSV40302PDR2G pdf datasheets and onsemi documentation for NSV40302PDR2G - onsemi.

Datasheets

[NSS40302PDR2G.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Assembly Change 06/Jan/2022.pdf](#)

Customers Also Interested in

Recommended Products



NSV40300MZ4T1G
onsemi
TRANS NPN 40V 3A SOT223



NSV45020JZT1G
onsemi
IC CURRENT REGULATOR 15% SOT223



NSV60200LT1G
onsemi
TRANS PNP 60V 2A SOT23-3



NSV40200LT1G
onsemi
TRANS PNP 40V 2A SOT23-3



NSV30100LT1G
onsemi
NSV30100 - LOW VCE(SAT) TRANSIST



NSV40201LT1G
onsemi
TRANS NPN 40V 2A SOT23-3



NSV40301MZ4T1G
onsemi
TRANS NPN 40V 3A SOT223



NSV1SS400T1G
onsemi
DIODE GEN PURP 100V 200MA SOD523



NSV40501UW3T2G
onsemi
TRANS NPN 40V 5A 3WDFN



NSV45020AT1G
onsemi
IC CURRENT REGULATOR 10% SOD123



NSV60600MZ4T1G
onsemi
TRANS PNP 60V 6A SOT223



NSV50350ADT4G
onsemi
IC CURRENT REGULATOR 10% DPAK



NSV20201LT1G
onsemi
TRANS NPN 20V 2A SOT23-3



NSV60201LT1G
onsemi
TRANS NPN 60V 2A SOT23-3



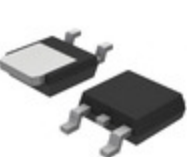
NSV45035JZT1G
onsemi
IC CURRENT REGULATOR 15% SOT223



NSV20200LT1G
onsemi
TRANS PNP 20V 2A SOT23-3



NSV45025AZT1G
onsemi
IC CURRENT REGULATOR 10% SOT223



NSV45090JDT4G
onsemi
IC CURRENT REGULATOR 15% DPAK

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

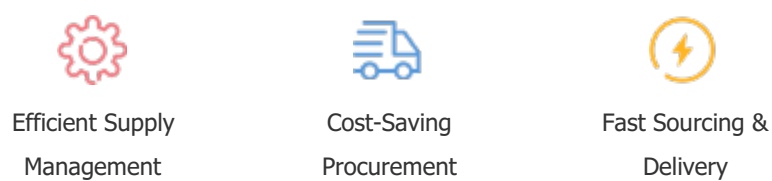
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

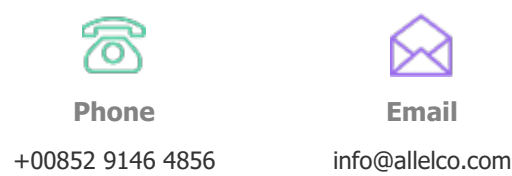
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More