

Image may be representation.
See specifications for product details.



PZTA42T1G

Manufacturer Part Number	PZTA42T1G
Manufacturer	onsemi
Allelco Part Number	32D-PZTA42T1G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRANS NPN 300V 0.5A SOT223
Package	TO-261-4, TO-261AA
Data sheet	PZTA42T1G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PZTA42T1G - onsemi.New Original in Stock. Download Linear Technology PZTA42T1G datasheet/specifications on AllelcoElec.com.
Request a quote for PZTA42T1G, please send us email: info@allelco.com

Specifications

PZTA42T1G Tech Specifications

PZTA42T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	300 V	Operating Temperature	150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	500mV @ 2mA, 20mA	Mounting Type	Surface Mount
Transistor Type	NPN	Frequency - Transition	50MHz
Supplier Device Package	SOT-223 (TO-261)	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 30mA, 10V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	1.5 W	Current - Collector (Ic) (Max)	500 mA
Package / Case	TO-261-4, TO-261AA	Base Product Number	PZTA42

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi PZTA42T1G

Product Attribute				
Part Number	PZTA42T1G	PZTA56	PZTA42T1	PZTA42-TP
Manufacturer	onsemi	Fairchild Semiconductor	onsemi	Micro Commercial Co
Voltage - Collector Emitter Breakdown (Max)	300 V	80 V	300 V	300 V
Operating Temperature	150°C (TJ)	-55°C ~ 150°C (TJ)	150°C (TJ)	150°C (TJ)
Series	-	-	-	-
DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 30mA, 10V	100 @ 100mA, 1V	40 @ 30mA, 10V	40 @ 30mA, 10V
Supplier Device Package	SOT-223 (TO-261)	SOT-223-4	SOT-223 (TO-261)	SOT-223
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Frequency - Transition	50MHz	50MHz	50MHz	50MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Transistor Type	NPN	PNP	NPN	NPN
Current - Collector (Ic) (Max)	500 mA	500 mA	500 mA	200 mA
Power - Max	1.5 W	1 W	1.5 W	1 W
Base Product Number	PZTA42	-	PZTA42	PZTA42
Package	Tape & Reel (TR)	Bulk	Cut Tape (CT)	Tape & Reel (TR)
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA	100nA (ICBO)	100nA (ICBO)
Vce Saturation (Max) @ Ib, Ic	500mV @ 2mA, 20mA	250mV @ 10mA, 100mA	500mV @ 2mA, 20mA	500mV @ 2mA, 20mA

PZTA42T1G Datasheet PDF

Download PZTA42T1G pdf datasheets and onsemi documentation for PZTA42T1G - onsemi.

Datasheets

[PZTA42T1G.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Packaging



[Covering Tape/Material Chg 20/May/2016.pdf](#)

PCN Design/Specification

[Copper Wire 08/Jun/2009.pdf](#)

Customers Also Interested in

Recommended Products

					
PZTA42. Cypress Semiconductor (Infineon Technologies)	PZTA42H6327 Cypress Semiconductor (Infineon Technologies)	PZTA42 E6327 Cypress Semiconductor (Infineon Technologies)	PZTA43 Fairchild (onsemi)	PZTA56 Fairchild Semiconductor PZTA56 - Small Signal Bipolar Tr	PZTA44+ 115 Freescale / NXP Semiconductors
					
PZTA44 Nexperia	PZTA44 100-200	PZTA42 2.5K/R	PZTA42T1 onsemi TRANS SS NPN 50MA 300V SOT223	PZTA42-TP Micro Commercial Co TRANS NPN 300V 0.2A SOT223	PZTA42AL UTC
					
PZTA42T1G/P1D	PZTA42 MOS Cypress Semiconductor (Infineon Technologies)	PZTA44 2.5K/R	PZTA42E6327 Cypress Semiconductor (Infineon Technologies)	PZTA42E6327HTSA1 Infineon Technologies TRANS NPN 300V 0.5A SOT223-4	PZTA43T1G AMI Semiconductor/onsemi

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.

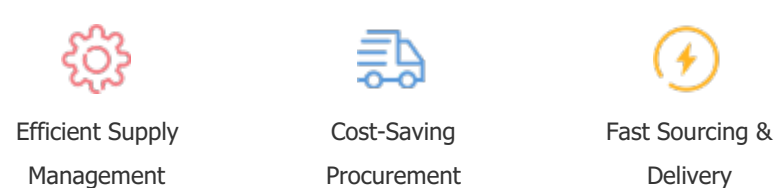
Payment Support

The payment method can be chosen from the methods shown below:

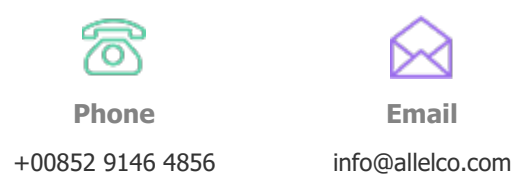
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)