

Image may be representation.
See specifications for product details.



KSP13TA

Manufacturer Part Number	KSP13TA
Manufacturer	onsemi
Allelco Part Number	32D-KSP13TA
ECAD Model	Request Free CAD Models
Parts Description	TRANS NPN DARL 30V 0.5A TO92-3
Package	TO-226-3, TO-92-3 (TO-226AA) Formed Leads
Data sheet	KSP13,14.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

KSP13TA - onsemi.New Original in Stock. Download Linear Technology KSP13TA datasheet/specifications on AllelcoElec.com.
Request a quote for KSP13TA, please send us email: info@allelco.com

Specifications

KSP13TA Tech Specifications
KSP13TA - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Cut Tape (CT)
Voltage - Collector Emitter Breakdown (Max)	30 V	Operating Temperature	150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	1.5V @ 100µA, 100mA	Mounting Type	Through Hole
Transistor Type	NPN - Darlington	Frequency - Transition	125MHz
Supplier Device Package	TO-92-3	DC Current Gain (hFE) (Min) @ Ic, Vce	10000 @ 100mA, 5V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	625 mW	Current - Collector (Ic) (Max)	500 mA
Package / Case	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	Base Product Number	KSP13

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi KSP13TA

Product Attribute				
Part Number	KSP13TA	KSP14BU	KSP2222A	KSP2222ABU
Manufacturer	onsemi	onsemi	Fairchild Semiconductor	Fairchild Semiconductor
Frequency - Transition	125MHz	125MHz	-	300MHz
Package / Case	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	TO-226-3, TO-92-3 (TO-226AA)	-	TO-226-3, TO-92-3 (TO-226AA)
Supplier Device Package	TO-92-3	TO-92-3	-	TO-92-3
Operating Temperature	150°C (TJ)	150°C (TJ)	-	150°C (TJ)
Current - Collector (Ic) (Max)	500 mA	500 mA	-	600 mA
Base Product Number	KSP13	KSP14	-	-
Mounting Type	Through Hole	Through Hole	-	Through Hole
Voltage - Collector Emitter Breakdown (Max)	30 V	30 V	-	40 V
Power - Max	625 mW	625 mW	-	625 mW
Vce Saturation (Max) @ Ib, Ic	1.5V @ 100µA, 100mA	1.5V @ 100µA, 100mA	-	1V @ 50mA, 500mA
DC Current Gain (hFE) (Min) @ Ic, Vce	10000 @ 100mA, 5V	20000 @ 100mA, 5V	-	100 @ 150mA, 10V
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	-	10nA (ICBO)
Transistor Type	NPN - Darlington	NPN - Darlington	-	NPN
Series	-	-	*	-
Package	Cut Tape (CT)	Bulk	Bulk	Bulk

KSP13TA Datasheet PDF

Download KSP13TA pdf datasheets and onsemi documentation for KSP13TA - onsemi.

Datasheets

[KSP13,14.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Logo 17/Aug/2017.pdf](#)

[Copper Lead Frame 12/Oct/2007.pdf](#)

PCN Packaging



















[Mult Devices 24/Oct/2017.pdf](#)

PCN Assembly/Origin

[\[Link\]](#)

Customers Also Interested in

Recommended Products

					
KSP14BU onsemi TRANS NPN DARL 30V 0.5A TO92-3	KSP2222A Fairchild Semiconductor SMALL SIGNAL BIPOLAR TRANSISTOR	KSP2222ABU Fairchild Semiconductor TRANS NPN 40V 0.6A TO92-3	KSP2222ABU onsemi TRANS NPN 40V 0.6A TO92-3	KSP2222ATA onsemi TRANS NPN 40V 0.6A TO92-3	KSP13BU onsemi TRANS NPN DARL 30V 0.5A TO92-3
					
KSP13TF onsemi TRANS NPN DARL 30V 0.5A TO92-3	KSP10TA onsemi RF TRANS NPN 25V 650MHZ TO92-3	KSP13TA Fairchild Semiconductor TRANS NPN DARL 30V 0.5A TO92-3	KSP06BU onsemi TRANS NPN 80V 0.5A TO92-3	KSP13TF Fairchild Semiconductor TRANS NPN DARL 30V 0.5A TO92-3	KSP10BU Fairchild Semiconductor RF SMALL SIGNAL BIPOLAR TRANSIST
					
KSP2222ATA Fairchild Semiconductor TRANS NPN 40V 0.6A TO92-3	KSP0948 SEIKO NO PICTURE	KSP12TA onsemi TRANS NPN DARL 20V TO92-3	KSP10TA Fairchild Semiconductor RF SMALL SIGNAL BIPOLAR TRANSIST	KSP06BU Fairchild Semiconductor TRANS NPN 80V 0.5A TO92-3	KSP10BU onsemi RF TRANS NPN 25V 650MHZ TO92-3

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

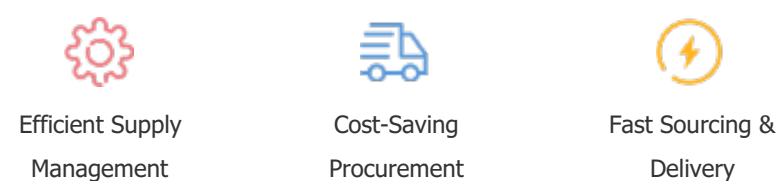
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

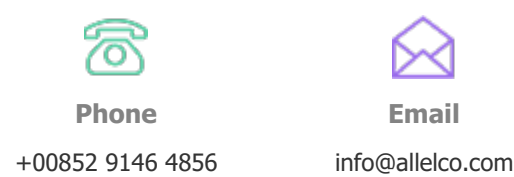
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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