

Image may be representation.  
See specifications for product details.



## TDA7255V

Manufacturer Part Number	<b>TDA7255V</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-TDA7255V
ECAD Model	Request Free CAD Models
Parts Description	IC RF TXRX ISM<1GHZ 40VFQFN
Package	40-VFQFN Exposed Pad
Data sheet	<b>TDA525x,7255V Appl Note.pdf</b>

**Get a Quote**

TDA7255V - Infineon Technologies.New Original in Stock. Download Linear Technology TDA7255V datasheet/specifications on AllelcoElec.com.  
Request a quote for TDA7255V, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TDA7255V Tech Specifications

TDA7255V - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Package / Case	40-VFQFN Exposed Pad
Voltage - Supply	2.1V ~ 5.5V	Package	Tape & Reel (TR)
Type	TxRx Only	Operating Temperature	-40°C ~ 85°C
Supplier Device Package	PG-VQFN-40-8	Mounting Type	Surface Mount
Series	-	Modulation	ASK, FSK
Serial Interfaces	I <sup>2</sup> C, SPI	Memory Size	-
Sensitivity	-115dBm	Frequency	434MHz
RF Family/Standard	General ISM < 1GHz	Data Rate (Max)	100kbps
Protocol	-	Current - Transmitting	5mA ~ 18.3mA
Power - Output	13dBm	Current - Receiving	8.6mA ~ 9.5mA

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TDA7255V

Product Attribute				
Part Number	TDA7255V	TDA7265	TDA7233D	TDA7263L
Manufacturer	Infineon Technologies	STMicroelectronics	STMicroelectronics	ST/PBF
Frequency	434MHz	-	-	-
Type	TxRx Only	Class AB	Class AB	-
Serial Interfaces	I <sup>2</sup> C, SPI	-	-	-
Current - Transmitting	5mA ~ 18.3mA	-	-	-
Operating Temperature	-40°C ~ 85°C	-20°C ~ 85°C (TA)	-40°C ~ 150°C (TJ)	-
Memory Size	-	-	-	-
RF Family/Standard	General ISM < 1GHz	-	-	-
Current - Receiving	8.6mA ~ 9.5mA	-	-	-
Voltage - Supply	2.1V ~ 5.5V	±5V ~ 25V	1.8V ~ 15V	-
Power - Output	13dBm	-	-	-
Modulation	ASK, FSK	-	-	-
Data Rate (Max)	100kbps	-	-	-
Supplier Device Package	PG-VQFN-40-8	11-Multiwatt	8-SOIC	-
Mounting Type	Surface Mount	Through Hole	Surface Mount	-
Protocol	-	-	-	-
Sensitivity	-115dBm	-	-	-
Package / Case	40-VFQFN Exposed Pad	Multiwatt-11 (Vertical, Bent and Staggered Leads)	8-SOIC (0.154", 3.90mm Width)	-
Package	Tape & Reel (TR)	Tube	Tube	-
Series	-	-	-	-

### TDA7255V Datasheet PDF

Download TDA7255V pdf datasheets and Infineon Technologies documentation for TDA7255V - Infineon Technologies.

#### Datasheets

TDA525x,7255V Appl Note.pdf

#### Other Related Documents

Part Number Guide.pdf

#### PCN Obsolescence/ EOL



## Customers Also Interested in

### Recommended Products

**TDA7265**STMicroelectronics  
IC AMP AB STEREO 25W  
11MULTIWATT**TDA7233D**STMicroelectronics  
IC AMP CLASS AB MONO 1.9W 8SO

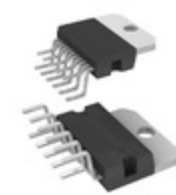
NO PICTURE

**TDA7263L**

ST/PBF

**TDA7265B**STMicroelectronics  
IC AMP AB STER 30W MULTIWATT-  
11**TDA7245**

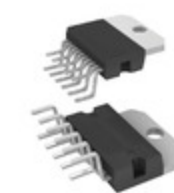
STMicroelectronics

**TDA7263**STMicroelectronics  
IC AMP AB STEREO 12W  
11CLIPWATT**TDA7233**STMicroelectronics  
IC AMP AB MONO 1.9W 8MINI DIP**TDA7266**STMicroelectronics  
IC AMP AB STEREO 7W  
15MULTIWATT

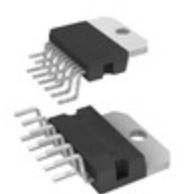
NO PICTURE

**TDA7265L**

UTC

**TDA7233D013TR**STMicroelectronics  
IC AMP CLASS AB MONO 1.9W 8SO**TDA7265A**STMicroelectronics  
IC AMP AB STEREO 25W  
11MULTIWATT**TDA7245A**

STMicroelectronics

**TDA7264**STMicroelectronics  
IC AMP AB STEREO 25W  
8MULTIWATT**TDA7263M**STMicroelectronics  
IC AMP AB STEREO 12W  
11MULTIWATT**TDA7240A**

STMicroelectronics

**TDA7240AH**STMicroelectronics  
IC AMP AB MONO 20W  
7HEPTAWATT**TDA7253L**

ST/PBF

**TDA7240AV**STMicroelectronics  
IC AMP AB MONO 20W  
7HEPTAWATT

## 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



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