

Image may be representation.
See specifications for product details.



TFA9896UK/N1Z

Manufacturer Part Number	TFA9896UK/N1Z
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-TFA9896UK/N1Z
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC AMP CLASS D MONO 2.1W 30WLCSP
Package	30-UFBGA, WLCSP
Data sheet	TFA9896UK/N1Z.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

TFA9896UK/N1Z - NXP USA Inc..New Original in Stock. Download Linear Technology TFA9896UK/N1Z datasheet/specifications on AllelcoElec.com.
Request a quote for TFA9896UK/N1Z, please send us email: info@allelco.com

Specifications

TFA9896UK/N1Z Tech Specifications
TFA9896UK/N1Z - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Output Type	1-Channel (Mono)
Voltage - Supply	2.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Type	Class D	Mounting Type	Surface Mount
Supplier Device Package	30-WLCSP (2.72x2.06)	Max Output Power x Channels @ Load	2.1W x 1 @ 80hm
Series	-	Features	Depop, Short-Circuit and Thermal Protection
Package / Case	30-UFBGA, WLCSP	Base Product Number	TFA9896
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. TFA9896UK/N1Z

Product Attribute				
Part Number	TFA9896UK/N1Z	TFA9894UK/N1AZ	TFA9895UK/N2AZ	TFA9897UK/N1AZ
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Type	Class D	-	Class D	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Series	-	*	-	*
Package / Case	30-UFBGA, WLCSP	-	29-UFBGA, WLCSP	-
Supplier Device Package	30-WLCSP (2.72x2.06)	-	29-WLCSP (3.19x2.07)	-
Output Type	1-Channel (Mono)	-	1 Jack, Filtered	-
Base Product Number	TFA9896	TFA9894	TFA9895	TFA9897
Voltage - Supply	2.8V ~ 5.5V	-	2.5V ~ 5.5V	-
Mounting Type	Surface Mount	-	Surface Mount	-
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	-
Features	Depop, Short-Circuit and Thermal Protection	-	Depop, Short-Circuit and Thermal Protection	-
Max Output Power x Channels @ Load	2.1W x 1 @ 80hm	-	2.5W x 1 @ 40hm	-

TFA9896UK/N1Z Datasheet PDF

Download TFA9896UK/N1Z pdf datasheets and NXP USA Inc. documentation for TFA9896UK/N1Z - NXP USA Inc..

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Assembly/Origin

[TFA9896 Wafer Fab Chg 1/Sep/2018.pdf](#)

Customers Also Interested in

Recommended Products

TFA9894UK/N1AZ	TFA9897UK	TFA9895UK/N2AZ	TFA9895UK/N1	TFA9897UK1	TFA9895UK/N2 N1
NXP USA Inc. 5.6W/CLASS D/ 12S/TDM 10V BOOST	Freescale / NXP Semiconductors	NXP USA Inc. IC AMP D 1 JACK 2.5W 29WLCSP	Freescale / NXP Semiconductors	Freescale / NXP Semiconductors	Freescale / NXP Semiconductors

**TFA9897UK/N1AZ**NXP USA Inc.
BOOSTED AUDIO SYSTEM WITH
ADAPTI**TFA9895UK/N2**

Freescale / NXP Semiconductors

TFA9896UK/N1

Freescale / NXP Semiconductors

TFA9901UK

Freescale / NXP Semiconductors

TFA9895UK

Freescale / NXP Semiconductors

TFA9894DUK/N2

Freescale / NXP Semiconductors



NO PICTURE

TFA9896UK

Freescale / NXP Semiconductors

TFA9894DUK/N2ZNXP USA Inc.
IC AMP CLASS D MONO 9.5MW
48WLCSP**TFA9897UK/N1**

Freescale / NXP Semiconductors

TFA9914UK/N1ZNXP USA Inc.
IC AMP CLASS D MONO 5.6W
48WLCSP**TFA9897BUK/N1Z**

Freescale / NXP Semiconductors

TFAQ20TBK470K/330M

KOA Speer Electronics, Inc.

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 -

 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



[View More](#)