





AD9528BCPZ-REEL7

Manufacturer Part Number	AD9528BCPZ-REEL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD9528BCPZ-REEL7
ECAD Model	 Request Free CAD Models
Parts Description	IC CLOCK GEN 1.25GHZ VCO 72LFCSP
Package	72-VFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
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RoHS Status	 ROHS3 Compliant



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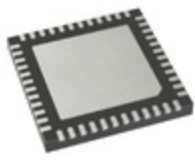
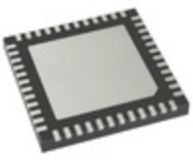

Specifications

AD9528BCPZ-REEL7 Tech Specifications
AD9528BCPZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	3.135V ~ 3.465V	Number of Circuits	1
Supplier Device Package	72-LFCSP-VQ (10x10)	Mounting Type	Surface Mount
Series	-	Input	CMOS, HSTL, LVDS
Ratio - Input:Output	2:14	Frequency - Max	1.25GHz
Package / Case	72-VFQFN Exposed Pad, CSP	Divider/Multiplier	Yes/No
Package	Tape & Reel (TR)	Differential - Input:Output	Yes/Yes
PLL	Yes with Bypass	Base Product Number	AD9528
Output	HSTL, LVDS		

Parts with Similar Specifications


The three parts on the right have similar specifications to Analog Devices Inc. AD9528BCPZ-REEL7

Product Attribute	 NO PICTURE			
Part Number	AD9528BCPZ-REEL7	AD9542BCPZ-REEL7	AD9525BCPZ	AD9545BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tray
Divider/Multiplier	Yes/No	Yes/Yes	Yes/No	Yes/Yes
Differential - Input:Output	Yes/Yes	No/Yes	Yes/Yes	Yes/Yes
Package / Case	72-VFQFN Exposed Pad, CSP	48-WFQFN Exposed Pad, CSP	48-WFQFN Exposed Pad, CSP	48-WFQFN Exposed Pad, CSP
Number of Circuits	1	2	1	2
Voltage - Supply	3.135V ~ 3.465V	1.71V ~ 1.89V, 1.71V ~ 3.465V	3.135V ~ 3.465V	1.71V ~ 3.465V
Supplier Device Package	72-LFCSP-VQ (10x10)	48-LFCSP (7x7)	48-LFCSP (7x7)	48-LFCSP (7x7)
Output	HSTL, LVDS	CML, CMOS, HCSL, LVDS or Single-Ended	CMOS, LVPECL	CML, HCSL, LVDS or Single-Ended
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Frequency - Max	1.25GHz	2.415GHz	3.6GHz	2.4GHz
Ratio - Input:Output	2:14	4:5	2:9	2:6
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input	CMOS, HSTL, LVDS	CMOS, Differential or Single-Ended, LVDS, LVPECL	Clock	Differential or Single-Ended
PLL	Yes with Bypass	Yes	Yes with Bypass	Yes
Base Product Number	AD9528	AD9542	AD9525	AD9545
Series	-	-	-	-


AD9528BCPZ-REEL7 Datasheet PDF

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Datasheets

 [Cylindrical Battery Holders.pdf](#)


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 [Tape and Reel Packaging.pdf](#)

HTML Datasheet


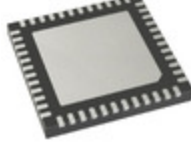

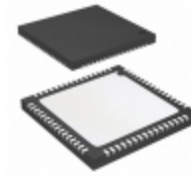
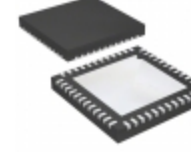
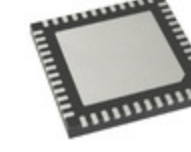
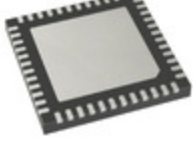

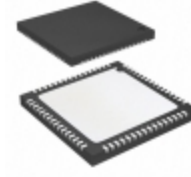






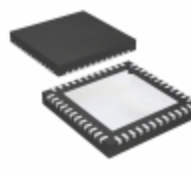

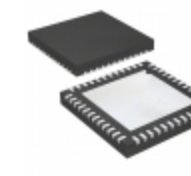
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PCN Design/Specification

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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.



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Contact us if you have any questions.

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