



Image may be representation.  
See specifications for product details.



## ADSP-2185MBSTZ-266

Manufacturer Part Number	<b>ADSP-2185MBSTZ-266</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADSP-2185MBSTZ-266
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DSP CONTROLLER 16BIT 100-LQFP
Package	100-LQFP
Data sheet	<b>ADSP-2185M.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ADSP-2185MBSTZ-266 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-2185MBSTZ-266 datasheet/specifications on AllelcoElec.com. Request a quote for ADSP-2185MBSTZ-266, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADSP-2185MBSTZ-266 Tech Specifications  
ADSP-2185MBSTZ-266 - 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 (TA)
Voltage - I/O	3.30V	On-Chip RAM	80kB
Voltage - Core	2.50V	Non-Volatile Memory	External
Type	Fixed Point	Mounting Type	Surface Mount
Supplier Device Package	100-LQFP (14x14)	Interface	Host Interface, Serial Port
Series	ADSP-21xx	Clock Rate	66MHz
Package / Case	100-LQFP	Base Product Number	ADSP-2185
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-2185MBSTZ-266

Product Attribute				
Part Number	ADSP-2185MBSTZ-266	ADSP-2185LBSTZ-160	ADSP-2185LKST-210	ADSP-2185LKST-133
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	100-LQFP (14x14)	100-LQFP (14x14)	100-LQFP (14x14)	100-LQFP (14x14)
Voltage - Core	2.50V	3.30V	3.30V	3.30V
On-Chip RAM	80kB	80kB	80kB	80kB
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Package	Tray	Tray	Bag	Bag
Voltage - I/O	3.30V	3.30V	3.30V	3.30V
Series	ADSP-21xx	ADSP-21xx	ADSP-21xx	ADSP-21xx
Non-Volatile Memory	External	External	External	External
Interface	Host Interface, Serial Port	Host Interface, Serial Port	Host Interface, Serial Port	Host Interface, Serial Port
Base Product Number	ADSP-2185	ADSP-2185L	ADSP-2185L	ADSP-2185L
Clock Rate	66MHz	40MHz	52MHz	33.3MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	100-LQFP	100-LQFP	100-LQFP	100-LQFP
Type	Fixed Point	Fixed Point	Fixed Point	Fixed Point

### ADSP-2185MBSTZ-266 Datasheet PDF

Download ADSP-2185MBSTZ-266 pdf datasheets and Analog Devices Inc. documentation for ADSP-2185MBSTZ-266 - Analog Devices Inc..

#### Datasheets

[ADSP-2185M.pdf](#)

#### Other Related Documents

[An Almost Pure DDS Sine Wave Tone Generator.pdf](#)












#### PCN Assembly/Origin

[Assembly Relocation Rev 08/Aug/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>ADSP-2185LBSTZ-160</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185LKST-210</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185LKST-133</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185LKST-160</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185NKSTZ-320</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2186KST-133</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP
					
<b>ADSP-2185NKST-320</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185MBST-266</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185LBST-133</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185NBST-320</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185LBST-210</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2186BSTZ-160</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP
					
<b>ADSP-2185LBSTZ-210</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2186BST-133</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185LBST-160</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185KSTZ-133</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185MKST-300</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP	<b>ADSP-2185NBSTZ-320</b> Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP

## 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



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