





ADSP-2189MKSTZ-300

Manufacturer Part Number	ADSP-2189MKSTZ-300
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADSP-2189MKSTZ-300
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC DSP CONTROLLER 16BIT 100-LQFP
Package	100-LQFP
Data sheet	ADSP-2189M.pdf
RoHS Status	 Lead free / RoHS Compliant



Get a Quote

ADSP-2189MKSTZ-300 - ADI (Analog Devices, Inc.).New Original in Stock. Download Linear Technology ADSP-2189MKSTZ-300 datasheet/specifications on AllelcoElec.com.
Request a quote for ADSP-2189MKSTZ-300, please send us email: info@allelco.com

Specifications



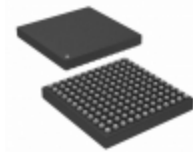

ADSP-2189MKSTZ-300 Tech Specifications

ADSP-2189MKSTZ-300 - ADI (Analog Devices, Inc.) technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	On-Chip RAM	192KB
Voltage - I/O	3.30V	Non-Volatile Memory	External
Voltage - Core	2.50V	Mounting Type	Surface Mount
Type	Fixed Point	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Supplier Device Package	100-LQFP (14x14)	Manufacturer Standard Lead Time	7 Weeks
Series	ADSP-21xx	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Packaging	Tray	Interface	Host Interface, Serial Port
Package / Case	100-LQFP	Clock Rate	75MHz
Other Names	ADSP-2189MKSTZ300 ADSP-2189MKSTZ300-ND ADSP2189MKSTZ300	Base Part Number	ADSP-2189
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications


The three parts on the right have similar specifications to ADI (Analog Devices, Inc.) ADSP-2189MKSTZ-300

Product Attribute				
Part Number	ADSP-2189MKSTZ-300	ADSP-2189MBSTZ-266	ADSP-2189MKCA-300	ADSP-2187NBSTZ-320
Manufacturer	ADI (Analog Devices, Inc.)	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	100-LQFP	100-LQFP	144-LFBGA	100-LQFP
Supplier Device Package	100-LQFP (14x14)	100-LQFP (14x14)	144-MiniBGA (10x10)	100-LQFP (14x14)
Moisture Sensitivity Level (MSL)	3 (168 Hours)	-	-	-
Other Names	ADSP-2189MKSTZ300 ADSP-2189MKSTZ300-ND ADSP2189MKSTZ300	-	-	-
Series	ADSP-21xx	ADSP-21xx	ADSP-21xx	ADSP-21xx
Packaging	Tray	-	-	-
Manufacturer Standard Lead Time	7 Weeks	-	-	-
On-Chip RAM	192kB	192kB	192kB	160kB
Clock Rate	75MHz	66MHz	75MHz	80MHz
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	-	-	-
Interface	Host Interface, Serial Port	Host Interface, Serial Port	Host Interface, Serial Port	Host Interface, Serial Port
Base Part Number	ADSP-2189	-	-	-
Type	Fixed Point	Fixed Point	Fixed Point	Fixed Point
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Voltage - Core	2.50V	2.50V	2.50V	1.90V
Voltage - I/O	3.30V	3.30V	3.30V	1.8V, 2.5V, 3.3V
Non-Volatile Memory	External	External	External	External

ADSP-2189MKSTZ-300 Datasheet PDF

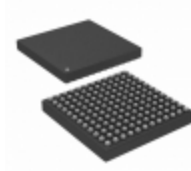
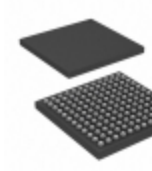
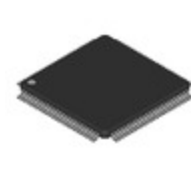
Download ADSP-2189MKSTZ-300 pdf datasheets and ADI (Analog Devices, Inc.) documentation for ADSP-2189MKSTZ-300 - ADI (Analog Devices, Inc.).

Datasheets

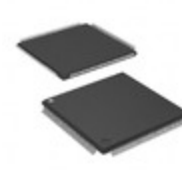

ADSP-2189M.pdf

Customers Also Interested in

Recommended Products

**ADSP-2189MBSTZ-266**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 100LQFP**ADSP-2189MKCA-300**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 144MBGA**ADSP-2187NBSTZ-320**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 100LQFP**ADSP-2189MKST-300**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 100LQFP**ADSP-2187NKST-320**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 100LQFP**ADSP-2189NKCAZ-320**Analog Devices Inc.
IC DSP 16BIT 80MHZ 144CSBGA**ADSP-2189NKST-320**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 100LQFP**ADSP-2189MBCA-266**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 144MBGA**ADSP-2191MBST-266**

ADI (Analog Devices, Inc.)

**ADSP-2191MBSTZ-140**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 144LQFP**ADSP-2188MKST-300**

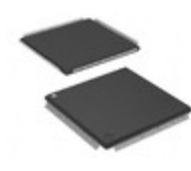
ADI (Analog Devices, Inc.)

**ADSP-2189MBST-266**

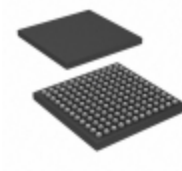
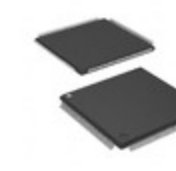
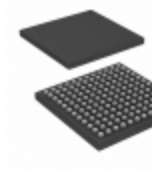
ADI (Analog Devices, Inc.)

**ADSP-2191MKST-160**

ADI (Analog Devices, Inc.)

**ADSP-2191MKSTZ-160**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 144LQFP**ADSP-2189MKST-266**

ADI (Analog Devices, Inc.)

**ADSP-2189NBCAZ-320**Analog Devices Inc.
IC DSP 16BIT 80MHZ 144CSBGA**ADSP-2191MBST-140**Analog Devices Inc.
IC DSP CONTROLLER 16BIT 144LQFP**ADSP-2187NKCA-320**Analog Devices Inc.
IC DSP 16BIT 80MHZ 144CSBGA

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.

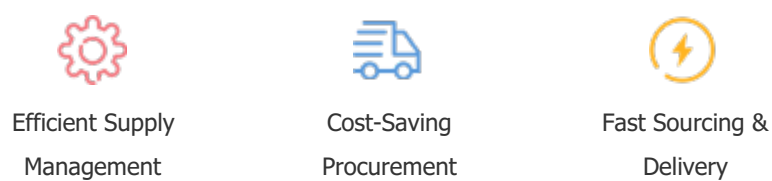
Contact us if you have any questions.

Payment Support

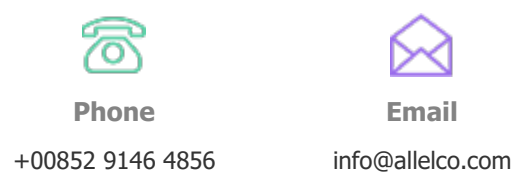
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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