



ADSP-2196MKSTZ-160

Manufacturer Part Number	ADSP-2196MKSTZ-160
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADSP-2196MKSTZ-160
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DSP CONTROLLER 16BIT 144-LQFP
Package	144-LQFP
Data sheet	ADSP-2196M.pdf
RoHS Status	Lead free / RoHS Compliant



Get a Quote

ADSP-2196MKSTZ-160 - ADI (Analog Devices, Inc.).New Original in Stock. Download Linear Technology ADSP-2196MKSTZ-160 datasheet/specifications on AllelcoElec.com.
Request a quote for ADSP-2196MKSTZ-160, please send us email: info@allelco.com

Specifications

ADSP-2196MKSTZ-160 Tech Specifications
ADSP-2196MKSTZ-160 - ADI (Analog Devices, Inc.) technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	On-Chip RAM	40kB
Voltage - I/O	3.30V	Non-Volatile Memory	ROM (48 kB)
Voltage - Core	2.50V	Mounting Type	Surface Mount
Type	Fixed Point	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Supplier Device Package	144-LQFP (20x20)	Manufacturer Standard Lead Time	7 Weeks
Series	ADSP-21xx	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Packaging	Tray	Interface	Host Interface, SPI, SSP, UART
Package / Case	144-LQFP	Clock Rate	160MHz
Other Names	ADSP2196MKSTZ160	Base Part Number	ADSP-2196M
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-2196MKSTZ-160

Product Attribute				
Part Number	ADSP-2196MKSTZ-160	ADSP-2191MBSTZ-140	ADSP-2189NBCAZ-320	ADSP-21991BBC
Manufacturer	ADI (Analog Devices, Inc.)	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
On-Chip RAM	40kB	160kB	192kB	112kB
Packaging	Tray	-	-	-
Supplier Device Package	144-LQFP (20x20)	144-LQFP (20x20)	144-CSPBGA (10x10)	196-MBGA (15x15)
Voltage - I/O	3.30V	3.00V, 3.30V	1.8V, 2.5V, 3.3V	3.30V
Other Names	ADSP2196MKSTZ160	-	-	-
Non-Volatile Memory	ROM (48 kB)	External	External	External
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Type	Fixed Point	Fixed Point	Fixed Point	Fixed Point
Manufacturer Standard Lead Time	7 Weeks	-	-	-
Interface	Host Interface, SPI, SSP, UART	Host Interface, SPI, SSP, UART	Host Interface, Serial Port	SPI, SSP
Clock Rate	160MHz	140MHz	80MHz	150MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	144-LQFP	144-LQFP	144-LFBGA, CSPBGA	196-BGA, CSPBGA
Moisture Sensitivity Level (MSL)	3 (168 Hours)	-	-	-
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	-	-	-
Voltage - Core	2.50V	2.50V	1.90V	2.50V
Series	ADSP-21xx	ADSP-21xx	ADSP-21xx	ADSP-21xx
Base Part Number	ADSP-2196M	-	-	-

ADSP-2196MKSTZ-160 Datasheet PDF

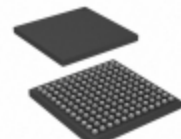
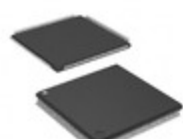
Download ADSP-2196MKSTZ-160 pdf datasheets and ADI (Analog Devices, Inc.) documentation for ADSP-2196MKSTZ-160 - ADI (Analog Devices, Inc.).

Datasheets

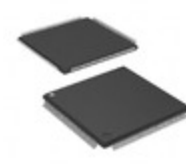
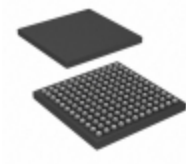
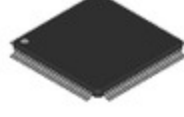
ADSP-2196M.pdf

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Recommended Products



ADSP-2191MBSTZ-140 Analog Devices Inc. IC DSP CONTROLLER 16BIT 144LQFP	ADSP-2189NBCAZ-320 Analog Devices Inc. IC DSP 16BIT 80MHZ 144CSBGA	ADSP-21991BBC Analog Devices Inc. IC DSP CTRLR 16BIT 196CSPBGA	ADSP-21MOD870-000 ADI (Analog Devices, Inc.)	ADSP-2191MKST-160 ADI (Analog Devices, Inc.)	ADSP-2191MBST-140 Analog Devices Inc. IC DSP CONTROLLER 16BIT 144LQFP
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ADSP-2191MKST160 ADI (Analog Devices, Inc.)	ADSP-21MOD970-000 ADI (Analog Devices, Inc.)	ADSP-21MOD870-000 Analog Devices Inc. 2181KST 4 MODEM CHIPSET	ADSP-2189NKCAZ-320 Analog Devices Inc. IC DSP 16BIT 80MHZ 144CSBGA	ADSP-2191MKSTZ-160 Analog Devices Inc. IC DSP CONTROLLER 16BIT 144LQFP	ADSP-2189NKST-320 Analog Devices Inc. IC DSP CONTROLLER 16BIT 100LQFP
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ADSP-21CSP01KS-200 ADI (Analog Devices, Inc.)	ADSP-21MOD810-000 ADI (Analog Devices, Inc.)	ADSP-21BT101JST ADI (Analog Devices, Inc.)	ADSP-21992BST ADI (Analog Devices, Inc.)	ADSP-21MOD870-110 ADI (Analog Devices, Inc.)	ADSP-2191MBST-266 ADI (Analog Devices, Inc.)
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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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