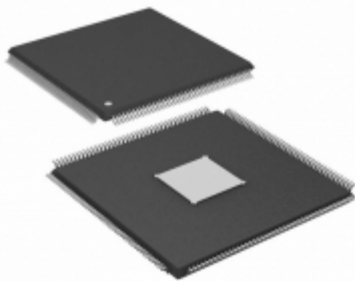


ADSP-BF512KSWZ-3





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Part Number: [ADSP-BF512KSWZ-3](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC DSP 16/32B 300MHZ LP 176LQFP

Data sheet:  [Blackfin Processor Family](#)
 [ADSP-BF512/4/6/8\(F16\)](#)

RoHs Status: Lead free / RoHS Compliant

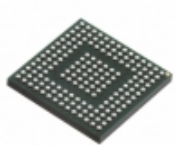
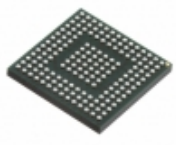
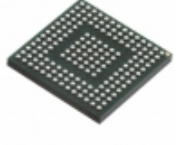
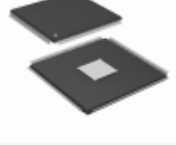
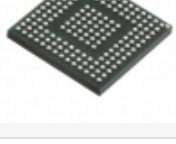
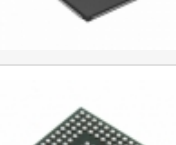
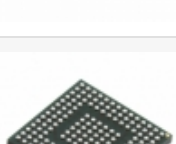
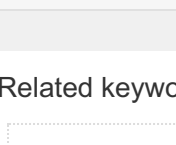
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ADSP-BF512KSWZ-3	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC DSP 16/32B 300MHZ LP 176LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9062 pcs	Data sheet	Blackfin Processor Family ADSP-BF512/4/6/8(F16)
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 3.3V
Voltage - Core	1.30V	Type	Fixed Point
Supplier Device Package	176-LQFP-EP (24x24)	Series	Blackfin®
Packaging	Tray	Package / Case	176-LQFP Exposed Pad
Operating Temperature	0°C ~ 70°C (TA)	On-Chip RAM	116kB
Non-Volatile Memory	External	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	7 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	I²C, PPI, SPI, SPORT, UART/USART
Clock Rate	300MHz	Base Part Number	ADSP-BF512
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	Part#: ADSP-BF512BBCZ-4F4 Description: IC DSP 16/32B 400MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512KBCZ-3 Description: IC DSP 16/32B 300MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512BSWZ-4 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF514BSWZ-4F4 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF514BBCZ-4F4 Description: IC DSP 16/32B 400MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512KSWZ-4F4 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF514BBCZ-3 Description: IC DSP 16/32B 300MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512BBCZ-4 Description: IC DSP 16/32B 400MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF514BSWZ-3 Description: IC DSP 16/32B 300MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512BBCZ-3 Description: IC DSP 16/32B 300MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512BSWZ-4F4 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: ADSP-BF514BSWZ-4 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF514BBCZ-4 Description: IC DSP 16/32B 400MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512KSWZ-4 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF514BSWZ4F16 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF514BBCZ4F16 Description: IC DSP 16/32B 400MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF506KSWZ-4F Description: IC DSP 12BIT 400MHZ 120LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF512KBCZ-4F4 Description: IC DSP 16/32B 400MHZ 168CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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