Design Tools

High-Speed ADC FIFO Evaluation Kit

There are two high speed ADC evaluation kits available. The FIFO-based data acquisition board has a 32kB FIFO depth and acquires up to 133Msps on each channel. The FPGA-based data acquisition board has a 64kB FIFO depth and acquires up to 800Msps on each channel.

ADIsimADC

ADIsimADC simulates behavior using many critical specifications of data converters, including offset, gain, sample rate, bandwidth, jitter, latency, both AC and DC linearity. These models provide a way to validate performance of the converter at the system level to determine the applicability of a selected device. Users can run real-time FFT and time-domain analysis; analyze SNR, SINAD, SFDR, and harmonics; export data for additional analysis.

Price, Packaging, and Availability

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AD9233 Model Options

<u>Model</u>	<u>Status</u>	<u>Package</u>	<u>Pins</u>	Temp Range	Price* (1000 pcs.)	Available	RoHS Compliant	Samples Cart	Purchase Cart
AD80141BCPZ-140	Prodn	48 ld LFCSP (7x7x.85mm w/4.1mm Pad)	48	Ind	\$17.40	9/21/2007	Y Material Declaration	Add to Cart	Add to Cart
AD9233-105EB	LAST TIME BUY	EVALUATION BOARDS	48	TBD	-	-	N	Contact ADI	Contact ADI
AD9233-105EBZ	Prodn	EVALUATION BOARDS	48	TBD	-	-	Y	Contact ADI	Add to Cart
AD9233-125EBZ	Prodn	EVALUATION BOARDS	48	TBD	\$200.00	9/21/2007	Y	Contact ADI	Add to Cart
AD9233BCPZ-105	Prodn	48 ld LFCSP (7x7x.85mm w/4.1mm Pad)	48	Ind	\$22.75	9/21/2007	Y Material Declaration	Add to Cart	Add to Cart
AD9233BCPZ-125	Prodn	48 ld LFCSP (7x7x.85mm w/4.1mm Pad)	48	Ind	\$26.95	9/21/2007	Y Material Declaration	Add to Cart	Add to Cart
AD9233BCPZ-80	Prodn	48 ld LFCSP (7x7x.85mm w/4.1mm Pad)	48	TBD	\$16.70	9/21/2007	Y Material Declaration	Add to Cart	Add to Cart
AD9233BCPZRL7- 105	Prodn	48 ld LFCSP (7x7x.85mm w/4.1mm Pad)	48	Ind	\$22.75	9/21/2007	Y Material Declaration	Contact ADI	Add to Cart
AD9233BCPZRL7- 125	Prodn	48 ld LFCSP (7x7x.85mm w/4.1mm Pad)	48	Ind	\$26.95	10/12/2007	Y Material Declaration	Contact ADI	Add to Cart

Interactive Signal Chains

The USA list pricing shown is for BUDGETARY USE ONLY, shown in United States dollars (FOB USA per unit for the stated volume), and is subject to change. International prices may differ due to local duties, taxes, fees and exchange rates. For volume-specific price or delivery quotes, please contact your local Analog Devices, Inc. sales office or authorized distributor. Pricing displayed for Evaluation Boards and Kits is based on 1-piece pricing.





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Parametric Selection Table

Part#	Part# Res Throughput Rate		# of Inputs	Operating Pwr Diss	
AD9233-125	12	125MSPS	1	425mW	
AD9230-170	12	170MSPS	1	407mW	
AD9211-200	10	200MSPS	1	356mW	
AD9230-250	12	250MSPS	1	463mW	
AD9430-170	12	170MSPS	1	1.43W	
AD9433-125	12	125MSPS	1	1.5W	
AD9233-105	12	105MSPS	1	350mW	
AD9430-210	12	210MSPS	1	1.7W	
AD9236	12	80MSPS	1	411mW	
AD9237-65	12	65MSPS	1	270mW	
AD9235-65	12	65MSPS	1	350mW	

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