

# EXT-BF5xx-AD-DA

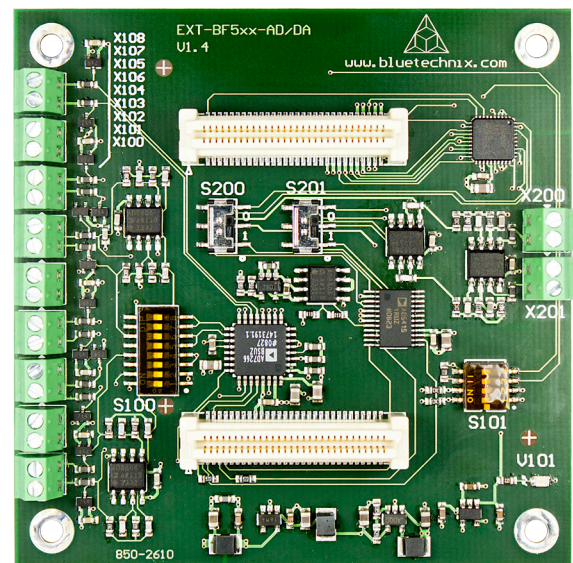
## Blackfin® Extender Board

### Extender Board EXT-BF5xx-AD-DA

The EXT-BF5xx-AD-DA is an extender board suitable for the DEV-BF5xxDA-Lite or the EVAL-BF5xx development boards. This stackable board features an AD7266 12-Bit multichannel Analog-Digital-Converter (12 channels, 2 MSPS), an AD5415 12-bit multichannel serial Digital-Analog-Converter (2 channels, 2.47 MSPS) and an AD5405 12-bit multichannel parallel Digital-Analog-Converter (2 channels, 21.3 MSPS). Two analog inputs are equipped with noise suppression. The EXT-BF5xx-AD-DA is ideally suited for your future embedded control applications.

### Technical Details

BOARD TYPE		Stackable extension board
ADC	TYPE	AD7266
	RESOLUTION	12 bit, 3 channel ADC
	MSPS MAX	2 MSPS
	CHANNELS	12 single ended or 6 differential
	SNR	70dB @ 50 kHz input frequency
	INPUT RANGE	0 - 5 V <sub>DC</sub>
	INPUT FILTERS	2
DAC SERIAL	TYPE	AD5415
	RESOLUTION	12 bit, dual channel DAC
	INTERFACE	50 MHz serial interface
	CHANNELS	2
DAC PARALLEL	TYPE	AD5405
	RESOLUTION	12 bit, dual channel DAC
	INTERFACE	Parallel
	CHANNELS	2
MSPS MAX	21.3	
TEMPERATURE RANGE ADC, DAC		Automotive -40 to +125 °C
DIMENSIONS		75x75mm
ADDITIONAL		On-board core voltage regulator
		Low noise power supply
		2x Noise suppressed analog inputs



EXT-BF5xx-AD-DA

### Applications

- » Evaluation
- » Embedded control
- » Automation systems
- » Control systems
- » Measuring systems

### Ordering Information

Order No.	Info
100-2255-1	EXT-BF5xx-AD-DA

### Supported Core Modules

- » TCM-BF518
- » CM-BF537-U
- » CM-BF527\*
- » TCM-BF537
- » CM-BF533
- » CM-BF548
- » CM-BF537
- » CM-BF561

\*parallel DAC only

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