

Competitor or TI?	TI	TI
Parameter	ADS8320	ADS8867
Description	16-Bit, High-Speed, 2.7V-to-5V Micropower Sampling Analog-to-Digital Converter (ADC)	16-Bit, 100-kSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain
Resolution (Bits)	16	16
Sample rate (max) (ksps)	100	100
Number of input channels	1	1
Interface type	SPI	SPI
Architecture	SAR	SAR
Input type	Differential	Differential
Multichannel configuration	N/A	N/A
Rating	Catalog	Catalog
Reference mode	External	External
Features	N/A	Daisy-Chainable/Oscillator/Small Size
Operating temperature range (°C)	-40 to 85	-40 to 85
Price Quantity (USD)	4.985	2.35
TI functional safety category	N/A	N/A
Package type	VSSOP	VSON/VSSOP
Pin count	8	10
Package area (mm ²)	14.7	9/14.7
Package size (L x W) (mm)	3 x 4.9	3 x 3/3 x 4.9
Power consumption (typ) (mW)	4.5	0.7
SNR (dB)	92.0	96.5
Status	ACTIVE	ACTIVE