

# ADAU1850\_Datasheet\_Rev0 to Rev1\_Specification\_Comparison

*Yellow denotes an increase or new index in specification*

## Data Sheet Rev.0 ADC2 Specifications

<b>SINGLE-ENDED LINE INPUT</b>	<b>Typ</b>	<b>Unit</b>
Total Harmonic Distortion Plus Noise (THD+N) (20 Hz to 20 kHz, -1 dB full-scale output)		
Enhanced performance	-78	dBFS
Normal performance	-78	dBFS
Power saving	-78	dBFS
Voice wake-up	-78	dBFS
<b>SINGLE-ENDED PGA INPUT</b>		
Total Harmonic Distortion + Noise		
Enhanced performance	-78	dBFS
Normal performance	-78	dBFS
Power saving	-78	dBFS
Voice wake-up	-78	dBFS

## Data Sheet Rev.1 ADC2 Specifications

<b>SINGLE-ENDED LINE INPUT</b>	<b>Typ</b>	<b>Unit</b>
Total Harmonic Distortion Plus Noise (THD+N) (20 Hz to 20 kHz, -1 dB full-scale output)		
Enhanced performance	-81	dBFS
Normal performance	-81	dBFS
Power saving	-81	dBFS
Voice wake-up	-81	dBFS
<b>SINGLE-ENDED PGA INPUT</b>		
Total Harmonic Distortion + Noise		
Enhanced performance	-81	dBFS
Normal performance	-81	dBFS
Power saving	-81	dBFS
Voice wake-up	-81	dBFS

## Datasheet Rev.1 Added RCOSC Specification

<b>RCOSC</b>	<b>Test Conditions/Comments</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Output frequency	After power on	21		30	MHz