Summary of Data Sheet Changes

ADA4932 Die Rev

ANALOG DEVICES
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SPECIFICATIONS

±5 V OPERATION

T_A = 25°C, $+V_S$ = 5 V, $-V_S$ = −5 V, V_{OCM} = 0 V, R_F = 499 Ω, R_G = 499 Ω, R_T = 53.6 Ω (when used), $R_{L, dm}$ = 1 kΩ, unless otherwise noted. All specifications refer to single-ended input and differential outputs, unless otherwise noted. Refer to Figure 54 for signal definitions.

Existing/Current Data Sheet

General Performance

Table 3.

Parameter	Test Conditions/Comments	Min	Typ	Max	Unit
POWER-DOWN ($\overline{PD}$)					
$\overline{PD}$ Input Voltage	Powered down		≤(+V_S − 2.5)		V
	Enabled		≥(+V_S − 1.8)		V
Turn-Off Time			1100		ns
Turn-On Time			16		ns
$\overline{PD}$ Pin Bias Current per Amplifier					
Enabled	$\overline{PD}$ = 5 V	−10	+0.7	+10	µA
Disabled	$\overline{PD}$ = 0 V	−240	−195	−140	µA
OPERATING TEMPERATURE RANGE		−40		+105	°C

New Data Sheet

General Performance

Table 3.

Parameter	Test Conditions/Comments	Min	Typ	Max	Unit
POWER-DOWN ($\overline{PD}$)					
$\overline{PD}$ Input Voltage	Powered down		≤(+V_S − 2.8)		V
	Enabled		≥(+V_S − 2.2)		V
Turn-Off Time			1100		ns
Turn-On Time			16		ns
$\overline{PD}$ Pin Bias Current per Amplifier					
Enabled	$\overline{PD}$ = 5 V	−1	+0.25	+1	µA
Disabled	$\overline{PD}$ = −5V	−165	−120	−65	µA
OPERATING TEMPERATURE RANGE		−40		+105	°C

ANALOG DEVICES
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5 V OPERATION

T_A = 25°C, $+V_S$ = 5 V, $-V_S$ = 0 V, V_{OCM} = 2.5 V, R_F = 499 Ω, R_G = 499 Ω, R_T = 53.6 Ω (when used), $R_{L, dm}$ = 1 kΩ, unless otherwise noted. All specifications refer to single-ended input and differential outputs, unless otherwise noted. Refer to Figure 54 for signal definitions.

Existing/Current Data Sheet

General Performance

Table 6.

Parameter	Test Conditions/Comments	Min	Typ	Max	Unit
POWER-DOWN ($\overline{PD}$)					
$\overline{PD}$ Input Voltage	Powered down		≤(+V_S – 2.5)		V
	Enabled		≥(+V_S – 1.8)		V
Turn-Off Time			1100		ns
Turn-On Time			16		ns
$\overline{PD}$ Pin Bias Current per Amplifier					
Enabled	$\overline{PD}$ = 5 V	–10	+0.7	+10	µA
Disabled	$\overline{PD}$ = 0 V	–100	–70	–40	µA
OPERATING TEMPERATURE RANGE		–40		+105	°C

New Data Sheet

General Performance

Table 6.

Parameter	Test Conditions/Comments	Min	Typ	Max	Unit
POWER-DOWN ($\overline{PD}$)					
$\overline{PD}$ Input Voltage	Powered down		≤(+V_S – 2.8)		V
	Enabled		≥(+V_S – 2.2)		V
Turn-Off Time			1100		ns
Turn-On Time			16		ns
$\overline{PD}$ Pin Bias Current per Amplifier					
Enabled	$\overline{PD}$ = 5 V	–1	+0.25	+1	µA
Disabled	$\overline{PD}$ = 0 V	–75	–45	–15	µA
OPERATING TEMPERATURE RANGE		–40		+105	°C

END

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